

FINAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

**PEREGRINE FALCON - SITE 7C
FORMER FEDERAL MOGUL FACILITY
11031 AND 11081 SHOEMAKER STREET
DETROIT, MICHIGAN 48213**

PREPARED FOR:

**CITY OF DETROIT BROWNFIELD REDEVELOPMENT AUTHORITY
500 GRISWOLD STREET, SUITE 2200
DETROIT, MICHIGAN 48226
ATTENTION: MR. CLEVELAND DAILEY**

PREPARED BY:

**DLZ MICHIGAN, INC.
607 SHELBY STREET, SUITE 650
DETROIT, MICHIGAN 48226**

DLZ PROJECT NO.: 1842-6846-00



**ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES**

APRIL 2019

**Final
Phase II Environmental Site Assessment**

**Peregrine Falcon – Site 7C
Former Federal Mogul Facility
11031 and 11081 Shoemaker Street
Detroit, Michigan 48213**

Prepared for
**City of Detroit Brownfield Redevelopment Authority
500 Griswold Street, Suite 2200
Detroit, Michigan 48226
Attention: Mr. Cleveland Dailey**

Prepared by
**DLZ Michigan, Inc.
607 Shelby Street, Suite 650
Detroit, Michigan 48226**

DLZ Project No.: 1842-6846-00

April 2019

TABLE OF CONTENTS

EXECUTIVE SUMMARY	ES-1
1.0 INTRODUCTION	1
1.1 Purpose	1
1.2 Limitations and Exceptions	1
1.3 Special Terms and Conditions	1
1.4 User Reliance	1
2.0 SITE DESCRIPTION	2
2.1 Location.....	2
2.2 Site and Vicinity General Characteristics	2
2.3 Site History.....	2
2.4 Previous Environmental Assessments	2
3.0 FIELD INVESTIGATION	4
3.1 Utility Clearance.....	4
3.2 Stockpile Sampling	4
3.3 Soil Investigation.....	5
3.4 Laboratory Analysis.....	6
3.5 Investigation-Derived Waste	7
4.0 GEOLOGY.....	7
5.0 EVALUATION OF ANALYTICAL RESULTS.....	7
6.0 CONCLUSIONS	10
7.0 RECOMMENDATIONS.....	11
8.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S).....	12

Tables

Table 1	Soil Analytical Summary
Table 2	TCLP Analytical Results

Figures

Figure 1	Project Location Map
Figure 2	Site 7C Location Map
Figure 3	Soil Boring Location Map
Figure 4	Soil Direct Contact Exceedance Map – Metals
Figure 5	Soil Direct Contact Exceedance Map – SVOCs

Appendices

Appendix A	Soil Boring Logs
Appendix B	Laboratory Reports and Chain of Custody Forms

EXECUTIVE SUMMARY

DLZ Michigan, Inc. was retained by the Detroit Brownfield Redevelopment Authority (DBRA) to conduct a Phase II Environmental Site Assessment (ESA) of the former Federal Mogul Plant #1 and #2 properties located at 11031 and 11081 Shoemaker Street in Detroit, Wayne County, Michigan, hereinafter referred to as the Subject Property.

The Subject Property consists of approximately 14.42 acres of land. The 11031 Shoemaker St. portion of the Subject Property contains approximately 9.89 acres of land and is owned by the City of Detroit and contains an approximately 55,000 square foot abandoned building. The 11081 Shoemaker St. portion of the Subject Property contains approximately 4.53 acres of land and is owned by the Detroit Water and Sewerage Department (DWSD). Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. Debris piles consisting of bricks, wood, tires, etc. are located throughout the Subject Property. Residential, municipal, and industrial land-uses adjoin the Subject Property. The elevation of the Subject Property is approximately 600 to 610 feet above mean sea level.

A Phase I ESA was conducted at the Subject Property by DLZ in November and December of 2018 in which several Recognized Environmental Conditions (RECs) were identified and recommended for further investigation, which prompted this Phase II ESA. The RECs identified during the Phase I ESA included:

- Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner, in addition to the presence of both underground storage tanks (USTs) and above ground storage tanks (ASTs). Because of known or suspected historical operations, including the storage, use and generation of hazardous substances, the historical operations represent RECs.
- The sites of known or potential contamination identified in the Environmental Data Resources (EDR) report located on the Subject Property, as well as the north and south adjoining LUST sites represent RECs with respect to the Subject Property.
- Historical uses of adjoining properties as a garbage and refuse incinerator, streetcar yard, a garage, and for manufacturing operations represent RECs regarding the Subject Property.
- The presence of polynuclear aromatics (PNAs), trichloroethylene (TCE) and polychlorinated biphenyls (PCBs) on the property as documented through an Activity and Use Limitation (AUL) represents a controlled REC.
- The documented presence of arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact in soils on the Subject Property represents a REC.
- During the site reconnaissance, DLZ observed waste within the soil stockpiles including plastic piping, bricks, and concrete. In addition, approximately 30,000-cubic yards of soil material may

- be present at the Subject Property within the two larger soil stockpiles. Due to the unknown nature and origin of the soil within the stockpiles, they are considered RECs.
- The inability to observe a majority of the ground surface during the walkover as a result of the soil stockpiles represents both a limitation and a significant data gap. The significant data gap is considered to be a REC.

A Phase II ESA Work Plan was submitted to City of Detroit, Buildings, Safety Engineering and Environmental Department (BSEED) for review and approval prior to mobilization. Phase II ESA field activities were conducted at the Subject Property between February 28 and March 8, 2019. During the Phase II ESA, a total of 60 soil borings were advanced at the Subject Property including 44 subsurface borings, 9 borings atop the North Stockpile and 7 borings atop the South Stockpile. Twelve additional borings were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). The soil samples were screened for organic vapors using a calibrated photoionization detector (PID) and measurements were recorded on soil boring logs. Any odors, staining, discoloration, or other pertinent observations about the soils recovered were also noted on the soil boring logs.

The 44 soil borings at ground surface (SB-01 to SB-44) were advanced to depths ranging from 10 to 15 feet below ground surface (bgs). Twelve additional borings were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). One to two soil samples were collected from each boring for laboratory analysis. The soils samples collected for analysis were collected at the interval with the highest PID reading. Samples were placed on ice and couriered to either Pace Laboratories of Grand Rapids, Michigan and Indianapolis, Indiana for analysis.

Findings of the Phase II ESA revealed the following:

- Metals, Semi-Volatile Organic Compounds (SVOCs), and Volatile Organic Compounds (VOCs) were detected in soil samples that exceeded the Statewide Default Background Level (SDBL) and the Groundwater Surface Water Interface Protection (GSIP) Criteria.
- Arsenic, cadmium, copper, lead and benzo(a)pyrene concentrations in soil exceeded Residential Direct Contact (RDC) Criteria. Copper, lead, and benzo(a)pyrene concentrations also exceeded Nonresidential Direct Contact (NDC) Criteria.
- VOCs (Trichloroethylene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene) and mercury concentrations in soil exceeded Residential and Nonresidential Residential Interim Action Screening Levels (RIASLs).
- VOC concentrations in soil exceeded the Residential and Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria.
- Of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous.

1.0 INTRODUCTION

DLZ Michigan, Inc. (DLZ) was retained by the Detroit Brownfield Redevelopment Authority (DBRA) to conduct a Phase II Environmental Site Assessment (ESA) on the property commonly referred to as Site 7C located at both 11031 and 11081 Shoemaker Street in Detroit, Wayne County, Michigan, hereinafter referred to as the Subject Property.

1.1 PURPOSE

The Phase II ESA was conducted to assess Recognized Environmental Conditions (RECs) identified by DLZ in the March 2019 Final Phase I ESA performed at the Subject Property.

1.2 LIMITATIONS AND EXCEPTIONS

The findings and professional opinions conveyed in this Phase II ESA are based upon information obtained by DLZ during performance of the Phase I ESA and Phase II ESA. DLZ did not independently verify the accuracy of information obtained, and cannot and does not guarantee its authenticity, accuracy, or reliability.

The professional opinions presented in this report are based on findings of the Phase II ESA including geophysical survey results, subsurface soil characteristics, and soil sample analytical results. Although a robust sampling scheme was employed to investigate known areas of potential environmental contamination, this Phase II ESA is not a guarantee that areas of environmental concern noted in this report are the only areas of potential contamination at the Subject Property.

1.3 SPECIAL TERMS AND CONDITIONS

This Phase II ESA was completed in accordance with the Professional Services Agreement between the City of Detroit Brownfield Redevelopment Authority and DLZ Michigan, Inc. dated October 24, 2018. There were no special terms or conditions beyond those agreed to within the Professional Services Agreement.

1.4 USER RELIANCE

This Phase II ESA was prepared by DLZ for the exclusive use of the DBRA and Fiat Chrysler Automobiles, U.S., LLC (FCA) and the findings and professional opinions presented in this report are solely for the use and information of the DBRA and FCA and may not be relied upon by third parties. Any reliance on this report by a third party is at such party's sole risk.

The services described in this report were performed consistent with generally accepted practices. No other warranty, express or implied, is made.

2.0 SITE DESCRIPTION

2.1 LOCATION

The Subject Property is located at 11031 Shoemaker Street and 11031 Shoemaker Street in Detroit, Michigan. A Property Location Map is included as **Figure 1**.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The Subject Property consists of approximately 14.42 acres of land. The 11031 Shoemaker St. portion of the Subject Property contains approximately 9.89 acres of land and is owned by the City of Detroit and contains an approximately 55,000 square foot abandoned building. The 11081 Shoemaker St. portion of the Subject Property contains approximately 4.53 acres of land and is owned by the Detroit Water and Sewerage Department (DWSD). Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. Debris piles consisting of bricks, wood, tires, etc. are located throughout the Subject Property.

Residential, municipal, and industrial land-uses adjoin the Subject Property, which has an elevation of approximately 600 to 610 feet above mean sea level. A Site Location Map for Site 7C is included as **Figure 2**.

2.3 SITE HISTORY

The Subject Property was presumably residential in use prior to 1921 and was used for industrial purposes after 1921. Occupants of the Subject Property included the Candler Radiator Company, Federal Mogul Corporation, Ernst Fuel and Supply Company, Federal Mogul Bower Bearings Inc., 6-M, and the Detroit Water and Sewerage Department.

Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner. Each historical property use, due to assumed operations and probable use of hazardous substances, would constitute the likely presence of hazardous substance contamination and therefore represent RECs.

2.4 PREVIOUS ENVIRONMENTAL ASSESSMENTS

A Phase I ESA was conducted by DLZ in November of 2018, with a Final Phase I ESA Report dated March 2019, in which several RECs were identified and recommended for further investigation, which prompted this Phase II ESA. The RECs identified during the Phase I ESA included:

- Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner, in addition to the presence of both underground storage tanks (USTs) and above ground storage tanks (ASTs). Because of known or suspected historical operations, including the storage, use and generation of hazardous substances, the historical operations represent RECs.
- The sites of known or potential contamination identified in the Environmental Data Resources (EDR) report located on the Subject Property, as well as the north and south adjoining LUST sites represent RECs with respect to the Subject Property.
- Historical uses of adjoining properties as a garbage and refuse incinerator, streetcar yard, a garage, and for manufacturing operations represent RECs regarding the Subject Property.
- The presence of polynuclear aromatics (PNAs), trichloroethylene (TCE) and polychlorinated biphenyls (PCBs) on the property as documented through an Activity and Use Limitation (AUL) represents a controlled REC.
- The documented presence of arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact in soils on the Subject Property represents a REC.
- During the site reconnaissance, DLZ observed waste within the soil stockpiles including plastic piping, bricks, and concrete. In addition, approximately 30,000-cubic yards of soil material may be present at the Subject Property within the two larger soil stockpiles. Due to the unknown nature and origin of the soil within the stockpiles, they are considered RECs.
- The inability to observe a majority of the ground surface during the walkover as a result of the soil stockpiles represents both a limitation and a significant data gap. The significant data gap is considered to be a REC.

A Phase II ESA was previously completed on the Subject Property in 2006. The Phase II ESA data showed analytical results for 63 lead samples; only six of which were found to be greater than Michigan's Generic Residential Cleanup Criteria (GRCC) for direct contact of 400 mg/kg. The 2006 final report concluded that no further action was recommended related to lead concentrations above GRCC Criteria. Thirteen soil samples were also collected on nearby properties to assess the presence of lead in soils resulting from the historical lead foundry on the Subject Property. Of the 13 samples collected, 2 locations exhibited lead concentrations exceeding the GRCC of 400 mg/kg.

In 2008, a Notice of Corrective Action was recorded with the Wayne County Register of Deeds for the former Federal-Mogul property indicating that a corrective action was completed by the Federal-Mogul Corporation. The corrective action addressed hazardous substances including polynuclear aromatics, trichloroethylene, and polychlorinated biphenyls that were released from an underground storage tank farm at the site. The corrective action report indicated 10 USTs and approximately 4,240 tons of contaminated soil were removed from the Subject Property. The Notice of Corrective Action stated that soil contamination remains present at levels on the site that do not allow for unrestricted use of the property within the area of the

UST cleanup. As a result of the soil contamination, an activity and use limitation is in place for the Subject Property. The AUL represents a controlled REC.

A Phase II ESA completed on the Subject Property in 2011 included the collection of soil samples from 41 soil borings. Soil analytical results for metals reported concentrations of total arsenic, copper, and lead above GRCC for direct contact in select sample locations. Total lead was also reported above the Non-Residential Cleanup Criteria in three soil samples. PNAs were detected above GRCC for DC at one sample location. PNAs were detected below the applicable GRCC at several other sample locations. Soil sample analytical results for PCBs were non-detect. Soil analytical results for VOCs reported concentrations below the applicable GRCC in several soil samples collected.

In 2012, EPA collected samples and conducted x-ray fluorescence (XRF) screening at 10 residential homes along the western property line of 11031 Shoemaker Street. The sampling found lead levels in soil above the 400 mg/kg residential direct contact criteria at 9 of the 10 properties.

3.0 FIELD INVESTIGATION

DLZ prepared a Site-Specific Health and Safety Plan (HASP) prior to initiation of Phase II field activities at the Subject Property. A Phase II ESA Work Plan was also submitted to City of Detroit, Buildings, Safety Engineering and Environmental Department (BSEED) for review and approval prior to mobilization. Phase II ESA field activities were conducted at the Subject Property between February 28 and March 19, 2019. During the Phase II ESA, a total of 72 soil borings were advanced at the Subject Property including 44 subsurface borings (SB-01 to SB-44), 9 borings atop the North Stockpile and 7 borings atop the South Stockpile. Twelve shallow borings were also advanced to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). Phase II ESA field activities are further described in the following sections.

3.1 UTILITY CLEARANCE

Prior to advancement of soil borings at the Subject Property, a subsurface survey was performed to determine the absence or presence of subsurface features and/or utilities in the vicinity of proposed drilling/boring locations. Utility clearance was performed by Work Smart using electromagnetic (EM) and ground penetrating radar (GPR) methods, as appropriate. Each boring location was marked in the field to signify once it had been cleared and was safe for drilling. In addition, some proposed boring locations were adjusted/relocated to a nearby area if subsurface utilities or abnormalities were discovered.

3.2 STOCKPILE SAMPLING

Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. The larger stockpiles were sampled during Phase II field activities to

evaluate whether the soil would be suitable for reuse, or whether it would require offsite disposal. Stockpile samples were collected similarly to other soil borings as described below in Sections 3.3 and 3.4. The stockpile soil sample results were discussed in the Soil Pile Sampling and Analysis Report, which was submitted to the Detroit Building Authority in April 2019.

3.3 SOIL INVESTIGATION

DLZ subcontracted Fibertec Environmental Services of Brighton, Michigan to advance soil borings at the Subject Property. Soil borings were advanced between March 4 and 8, 2019. At each soil boring location, continuous soil samples were collected using direct push technology (DPT) drilling methods. Specifically, a Geoprobe® 7820DT was used to push 3.25-inch rods, and soil collection was performed by inserting acetate liners within the Geoprobe® sampling rod. A DLZ geologist/scientist examined all soil samples and classified the samples in general accordance with the Unified Soil Classification System (USCS), including as applicable: soil type, grain size, color, relative moisture content, and any other notable features. The soil samples were screened for organic vapors using a calibrated photoionization detector (PID) with a 10.6 ev lamp and all readings were recorded on the soil boring logs. Any odors, staining, discoloration, or other pertinent observations about the soils recovered were also noted on the soil boring logs.

The 44 soil borings at ground surface (SB-01 to SB-44) were advanced to depths ranging from 10 to 15 feet below ground surface (bgs). Twelve additional borings (SB-45 to SB-56) were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for sitewide waste characterization purposes. One to two soil samples were collected from each boring for laboratory analysis. The soils samples collected for analysis were collected at the interval with the highest PID reading. If no readings above 0.0 parts per million (ppm) were recorded in any interval within the boring, the sample was collected at a location where discoloration, odor, or fill material was present. If these characteristics were also not present, a sample was taken directly from near-surface soil between approximately 1-3 ft bgs. DLZ field personnel utilized disposable nitrile gloves during soil sampling activities and changed gloves between samples. Soil boring logs are provided in **Appendix A**. Soil boring locations are presented on **Figure 3**.

REC locations at which soil borings were advanced are listed below:

- Four soil borings (SB-01, SB-02, SB-03, and SB-04) were advanced in the south-central portion of the Subject Property to sample soils near the former location of Federal Mogul Plant #2.
- Twelve soil borings (SB-05, SB-06, SB-07, SB-08, SB-21, SB-23, SB-25, SB-27, SB-33, SB-35, SB-37 and SB-38) were advanced to sample soils for general sitewide characterization.
- Three soil boring (SB-9, SB-10, and SB-11) were advanced to sample soils near the former laboratory area.
- Twelve soil borings (SB-12 through SB-20, SB-22, SB-24, and SB-26) were advanced at the former Federal Mogul Plant No. 1 machine shop and lead foundry areas.

- Four soil borings (SB-28, SB-30, SB-31, and SB-32) were advanced in the northwestern portion of the Subject Property at the former locations of the dynamometer, babbitting, lead foundry, and pump house.
- Three soil borings (SB-29, SB-34, and SB-36) were advanced at the former location of an oil tank and oil house near the former dynamometer building.
- Three soil borings (SB-39, SB-40 and SB-41) were advanced near the former location of the 20,000-gallon Fuel Oil Tank.
- Three soil borings (SB-42, SB-43, and SB-44) were advanced at the northwest corner of Shoemaker and St. Jean Streets near the former location of gasoline filling station.
- Twelve shallow soil borings (SB-45 through SB-56) were advanced sitewide for waste characterization purposes.
- Nine soil borings (N. Stockpile-1 through N. Stockpile 9) were advanced at the location of the north soil stockpile.
- Seven soil borings (S. Stockpile-1 through S. Stockpile 7) were advanced at the location of the south soil stockpile.

Groundwater was not encountered in volumes sufficient for groundwater sampling in any soil borings at the time of drilling. Due to the geological conditions at the Subject Property, a limited amount of groundwater was encountered inconsistently across the Subject Property, which likely represents perched groundwater that has accumulated within porous fill material.

3.4 LABORATORY ANALYSIS

Soil samples were couriered under standard Chain-of-Custody procedures to Pace Analytical Laboratories of Grand Rapids, Michigan and Indianapolis, Indiana for analysis. Soil samples from soil borings were analyzed for parameters designed to determine if contaminant concentrations in soil exceed Part 201 Screening Levels. Based on the identified RECs, historical site uses including gasoline fueling stations, lead foundry, coal storage, and field observations, soil samples collected were submitted for the following parameters:

- Volatile organic compounds (VOCs, EPA Method 8260)
- Semi-volatile compounds (SVOCs, EPA Method 8270)
- Michigan 10 metals (Methods 6010 and 7470)

Twelve shallow composite soil samples were analyzed for parameters designed to characterize soils for waste disposal purposes. These parameters included:

- Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOCs, Method 8260)
- TCLP Semi-volatile compounds (SVOCs, EPA Method 8270)
- TCLP Michigan 10 metals (Methods 6010 and 7470)

- PCBs (EPA Method 8082)

3.5 INVESTIGATION-DERIVED WASTE

Investigation-Derived Waste generated during the Phase II ESA consisted of disposable materials such as acetate liners, soil coring tools, and personal protective equipment (PPE). Minimally-contaminated disposable sampling materials and PPE were containerized and disposed off-site as ordinary solid waste.

Drill cuttings were generally returned to the borehole from which they were retrieved, however, visibly impacted soil in the vicinity of SB-27 was containerized in one 55-gallon steel drum. The drum was labelled to specify its contents and was staged on a concrete-paved area in the northwest portion of the Subject Property pending analysis and disposal.

4.0 GEOLOGY

Geologic maps of Michigan showing the bedrock and glacial geology of the state were reviewed on the Michigan Department of Environmental Quality's GeoWebFace website and in the Hydrogeologic Atlas of Michigan (Western Michigan University, 1981). The bedrock map indicates that the bedrock in the general site vicinity consists of the Middle Devonian age Detroit River Group and the Antrim Shale. The glacial map indicates that glacial deposits in Wayne County near the Subject Property generally exceed 100 feet in thickness and consist primarily of lacustrine clay and silt deposits. A shallow drinking water aquifer in the glacial sediments is not present in the vicinity of the City of Detroit.

No water wells or Wellhead Protection Areas were observed in the general site vicinity on the GeoWebFace Map. The nearest surface water body is the Detroit River which is approximately 2.7 miles south of the site.

Shallow subsurface soils at the Subject Property generally consist of urban/made land (silty and sandy clay with gravel) to approximately 5 feet bgs, with discontinuous sand lenses as well as brick, concrete, and wood debris consistent with urban fill. At Site 7C, as well as the surrounding area, silty clay is found between 5 and 15 feet bgs with stiffness increasing with depth. Brown silty clay generally observed between approximately 5 and 10 ft bgs transitions to gray silty clay below 10 ft bgs.

5.0 EVALUATION OF ANALYTICAL RESULTS

TCLP leachate analytical results for composite soil samples collected for waste characterization purposes were compared to Maximum Contaminant Concentrations for the Toxicity Characteristic listed in the Code of Federal Regulations (CFR) 40 CFT 261.24. Discreet soil sample laboratory analytical results were compared to the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended, Part 201 Generic Cleanup Criteria and Screening Levels revised June 25, 2018 and further detailed below. DLZ compared the data to both Residential and Non-Residential Criteria and Risk-Based Screening Levels (RBSLs) due to the planned industrial use as well as existing adjoining residential land use. Soil samples were compared to:

- Residential Direct Contact (RDC) and Nonresidential Direct Contact (NDC) Criteria and RBSLs;
- Groundwater/Surface Water Interface Protection (GSIP) Criteria and RBSLs;
- Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVII) Criteria;
- Residential and Nonresidential Interim Action Screening Levels (RIASLs).

DLZ also compared metal concentrations in soil samples to Part 201 Screening Levels from the Statewide Default Background Levels. The GSIP criteria was evaluated for soil due to potential storm sewer to surface water connectivity in the vicinity of Site 7C, however it has not been determined if that exposure pathway is complete. Drinking Water Protection Criteria were not evaluated as there are no usable aquifers within the City of Detroit. Soil sample analytical results for the soil stockpiles are not included in this report. The stockpile discrete soil sample results were discussed in the Soil Pile Sampling and Analysis Report, which was submitted to the Detroit Building Authority in April 2019. Site 7C soil sample analytical results are summarized in **Table 1**. Laboratory reports are provided in **Appendix B**.

In accordance with Part 201 Screening Level guidelines, contaminant concentrations below Statewide Default Background levels were not considered to exceed Part 201 Screening Levels. Contaminant concentrations exceeding Part 201 Screening Levels are summarized below:

- Arsenic concentrations in soil exceeded GSIP (4,600 ug/kg) and Default Background (5,800 ug/kg) at sample locations SB-01 (2-3'), SB-02 (6-7'), SB-05 (3-4'), SB-06 (1-2'), SB-06 (9-10'), SB-08 (4-5'), SB-11 (3-4'), SB-11 (7-8'), SB-12 (5-6'), SB-13 (3-4'), SB-16 (4-5'), SB-16 (5-6'), SB-18 (1-2'), SB-18 (5-6'), SB-19 (4-5'), SB-24 (0-1'), SB-24 (4-5'), SB-25 (2-3'), SB-26 (9-10'), SB-27 (6-7'), SB-29 (4-5'), SB-30 (1-2'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-35 (1-2'), SB-38 (1-2'), SB-38 (7-8'), SB-39 (3-4'), SB-41 (1-2'), SB-42 (6-7') and SB-44 (9-10'). The following sample locations exceeded both the Default Background and RDC (7,600 ug/kg): SB-01 (2-3'), SB-02 (6-7'), SB-05 (3-4'), SB-08 (4-5'), SB-11 (3-4'), SB-11 (7-8'), SB-16 (4-5'), SB-18 (1-2'), SB-19 (4-5'), SB-24 (0-1'), SB-24 (4-5'), SB-26 (9-10'), SB-27 (6-7'), SB-29 (4-5'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-35 (1-2'), SB-38 (1-2'), SB-38 (7-8'), SB-39 (3-4'), SB-42 (6-7') and SB-44 (9-10'). Sample results did not indicate arsenic concentrations in soil greater than NDC (37,000 ug/kg).
- Cadmium concentrations in soil exceeded RDC (550,000 ug/kg) at sample location SB-08 (4-5').
- Total chromium concentrations in soil exceeded GSIP for chromium VI (3,300 ug/kg) and Default Background for total chromium (18,000 ug/kg) at sample locations SB-01 (2-3'), SB-03 (5-6'), SB-05 (3-4'), SB-06 (9-10'), SB-07 (2-3'), SB-08 (4-5'), SB-09 (3-4'), SB-09 (7-8'), SB-11 (3-4'), SB-11 (7-8'), SB-12 (5-6'), SB-14 (1-2'), SB-14 (3-4'), SB-15 (6-7'), SB-16 (5-6'), SB-18 (5-6'), SB-19 (4-5'), SB-19 (5-6'), SB-20 (6-7'), SB-21 (3-4'), SB-22 (8-9'), SB-23 (14-15'), SB-24 (4-5'), SB-25 (2-3'), SB-26 (9-10'), SB-27 (3-4'), SB-27 (6-7'), SB-28 (2-3'), SB-29 (4-5'), SB-30 (1-2'), SB-31 (3-4'), SB-32 (2-3'), SB-33 (5-6'), SB-36 (5-6'), and SB-38 (7-8'), SB-40 (12-13'), SB-41 (1-2'), SB-42 (6-7') and SB-44 (9-10').

- Copper concentrations in soil exceeded RDC (20,000,000 ug/kg) and NDC (73,000,000 ug/kg) in sample SB-19 (4-5').
- Lead concentrations in soil exceeded RDC (400,000 ug/kg) at sample locations SB-01 (2-3'), SB-03 (3-4'), SB-07 (2-3'), SB-08 (4-5'), SB-19 (4-5'), SB-29 (1-2'), SB-30 (1-2'), SB-34 (2-3'), SB-35 (1-2'), SB-36 (2-3'), and SB-39 (3-4'). Lead concentrations exceeded NDC (900,000 ug/kg) at sample locations SB-08 (4-5'), SB-19 (4-5'), SB-30 (1-2'), SB-34 (2-3'), SB-36 (2-3'), and SB-39 (3-4').
- Mercury concentrations in soil exceeded GSIP (50 ug/kg), Residential RIASLS (0.027 ug/kg) and Nonresidential RIASLS (0.12 ug/kg) and Default Background (130 ug/kg) at sample location SB-01 (2-3').
- Selenium concentrations in soil exceeded GSIP (400 ug/kg) and Default Background (410 ug/kg) at sample locations SB-01 (2-3'), SB-06 (1-2'), SB-08 (4-5'), SB-08 (6-7'), SB-09 (3-4'), SB-09 (7-8'), SB-10 (2-3'), SB-10 (4-5'), SB-11 (3-4'), SB-12 (1-2'), SB-13 (1-2'), SB-13 (3-4'), SB-14 (1-2'), SB-14 (3-4'), SB-15 (2-3'), SB-15 (6-7'), SB-16 (4-5'), SB-16 (5-6'), SB-17 (3-4'), SB-27 (6-7'), SB-29 (4-5'), SB-30 (4-5'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-33 (5-6'), SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-35 (4-5'), SB-36 (5-6'), SB-37 (4-5'), SB-38 (1-2'), SB-39 (3-4'), SB-39 (6-7'), SB-41 (1-2'), SB-41 (4-5'), SB-42 (3-4'), and SB-42 (6-7').
- Silver concentrations in soil exceeded GSIP (100 ug/kg) and Default Background (1,000 ug/kg) at sample locations SB-07 (2-3'), SB-08 (4-5'), SB-13 (1-2'), SB-19 (4-5'), SB-34 (2-3'), SB-36 (2-3'), and SB-41 (1-2').
- Acenaphthene concentrations in soil exceeded GSIP (8,700 ug/kg) at sample location SB-27 (3-4').
- Benzo(a)pyrene concentrations in soil exceeded RDC (2,000 ug/kg) and NDC (8,000 ug/kg) in sample SB-27 (3-4').
- 2-Methylnaphthalene concentrations in soil exceeded GSIP (4,200 ug/kg) at sample locations SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-36 (2-3'), and SB-38 (1-2').
- Dibenzofuran concentrations in soil exceeded GSIP (1,700 ug/kg) in sample SB-27 (3-4').
- Fluoranthene concentrations in soil exceeded GSIP (5,500 ug/kg) in sample SB-27 (3-4').
- Fluorene concentrations in soil exceeded GSIP (5,300 ug/kg) in sample SB-27 (3-4').
- Phenanthrene concentrations in soil exceeded GSIP (2,100 ug/kg) at sample locations SB-19 (4-5'), SB-24 (0-1'), SB-27 (3-4'), SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-36 (2-3'), and SB-38 (1-2').
- Cis-1,2-Dichlorethene concentrations in soil exceeded Residential RIASLS (2.1 ug/kg) and Nonresidential RIASLS (9.2 ug/kg) at sample locations SB-21 (1-2') and SB-26 (9-10').
- Tetrachloroethylene (PCE) concentrations in soil exceeded Residential RIASLS (6.2 ug/kg) and Nonresidential RIASLS (19 ug/kg) at sample locations SB-21 (1-2') and SB-26 (9-10').

- Trichloroethylene (TCE) concentrations in soil exceeded Residential RIASLs (0.33 ug/kg) and Nonresidential RIASLs (0.1 ug/kg) at sample locations SB-03 (5-6'), SB-21 (1-2'), SB-22 (8-9'), and SB-26 (9-10'). GSIP (4,000 ug/kg), Residential SVIAI (1,000 ug/kg), and Nonresidential SVIAI criteria (1,900 ug/kg) were exceeded at sample location SB-26 (9-10).
- 1,2,4-Trimethylbenzene concentrations in soil exceeded GSIP (570 ug/L) at sample location SB-44 (9-10') and exceeded Residential RIASLs (150 ug/kg) at sample locations SB-44 (7-8') and SB-44 (9-10') and exceeded Nonresidential RIASLs (650 ug/kg) at sample location SB-44 (9-10').
- 1,3,5-Trimethylbenzene concentrations in soil exceeded Residential RIASLs (100 ug/kg) at sample location SB-44 (9-10').

Exceedances of RDC Criteria occurred primarily in the northwest portion of the Subject Property associated with the former dynamometer/lead foundry area that contained an oil house, oil tank, and pump house. RDC exceedances were also found at the former Federal Mogul Plant #2 area, former gasoline filling station at the northwest corner of Shoemaker Street and St. Jean Street, and in the southwest portion of the Subject Property associated with the former Federal Mogul Plant #1. Of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous. The central and northeast portions of the Subject Property were not targeted for investigation due to previous investigations in these areas and known impacts (e.g. AUL in-place for Subject Property). No VOCs were detected in soil samples in concentrations greater than the applicable RDC Criteria. A map depicting locations of soil samples that exceeded RDC for metals is provided as **Figure 4**. A map depicting locations of soil samples that exceeded RDC for SVOCs is provided as **Figure 5**.

6.0 CONCLUSIONS

DLZ completed a Phase II ESA to evaluate previously identified RECs at the Subject Property. Based on the data collected as part of this Phase II ESA, subsurface soils at the Subject Property contain contaminants at concentrations which exceed MDEQ Part 201 Residential Generic Cleanup Criteria and Screening Levels. As a result, the subject property is defined as a "facility" by Section 20101(1)(r) of Michigan's Natural Resources Environmental Protection Act, 1994 Public Act 451, as amended (NREPA). A "facility" is defined as: "any area, place or property where a hazardous substance in excess of the concentrations which satisfy the requirements of section 20120a(1)(a) or (17) has been released, deposited, disposed of, or otherwise comes to be located."

A review of soil analytical results indicates the following:

- Metals, SVOCs, and VOCs were detected in soil samples that exceeded the Statewide Default Background Level (SDBL) and the Groundwater Surface Water Interface Protection (GSIP) Criteria.
- Arsenic, cadmium, copper, lead and benzo(a)pyrene concentrations in soil exceeded RDC Criteria. Copper, lead, and benzo(a)pyrene concentrations also exceeded NDC Criteria.

- VOCs (1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, cis,1-2-dichloroethene, PCE, and TCE) and mercury concentrations in soil exceeded Residential and Nonresidential RI/SLs.
- TCE concentrations in soil exceeded the Residential and Nonresidential SV/IAI Criteria.
- TCLP leachate analytical results for composite soil samples collected at twelve locations across the Subject Property indicated three samples exceeded applicable Maximum Contaminant Concentrations for the Toxicity Characteristic.

Drill cuttings were generally returned to the borehole from which they were retrieved, however, visibly impacted soil in the vicinity of SB-27 was containerized in one 55-gallon steel drum. The drum was labelled to specify its contents and was staged on a concrete-paved area in the northwest portion of the Subject Property pending analysis and disposal.

7.0 RECOMMENDATIONS

Based on the conclusions drawn from an evaluation of the data collected as part of the Phase II ESA, the following recommendations are presented:

- Additional investigative work may be warranted to further delineate “hot-spots” in order to minimize the quantity of soil at the Subject Property that may require handling and disposal as hazardous waste.
- Additional investigative work may be warranted to fully characterize subsurface soils at the Subject Property presently inaccessible to drilling equipment due to the presence of debris, partially-collapsed buildings, and large soil stockpiles. Upon completion of all subsurface investigative work, all IDW should be properly profiled and transported offsite by an entity licensed to handle such wastes prior to disposal in an appropriately licensed landfill or incinerator.
- The Groundwater Surface Water Interface pathway may warrant evaluation to determine whether a direct hydraulic connection exists between the Subject Property and utility corridors or storm sewer piping that discharge to nearby surface water including the Detroit River or its tributaries.
- A Vapor Intrusion pathway evaluation may be required due to the potential future usage and/or redevelopment of the Subject Property based on the detected concentrations of mercury and VOCs that were detected above the Residential and Non-Residential Media-Specific Volatilization to Indoor Air Recommended Interim Action Screening Level (August 2017) in the shallow soils.
- DLZ recommends that a Baseline Environmental Assessment (BEA) be prepared and submitted to the MDEQ within six months of the City of Detroit taking control or ownership of the Subject Property. The purpose of the BEA is to confirm that the property is a “facility” so that the new owner or operator is not held liable for the cost of cleaning up the contamination caused by others.
- Lastly, Section 20107a of Part 201 of the NREPA specifically requires that owners and operators take Due Care measures to ensure that existing contamination on a property does not cause unacceptable risks and is not exacerbated. Due Care obligations are required for a person who

owns or operates property that he or she has knowledge is a “facility”, regardless of whether the person is liable. The Due Care requirements were designed so contaminated properties could be safely redeveloped. Due Care obligations include the following:

- a) Undertake measures as are necessary to prevent exacerbation of the existing contamination;
- b) Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosions hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety;
- c) Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that are foreseeable could result from those acts or omissions.

8.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)



Thomas Kaugher, PG
Project Manager



Scott G. Park, CPG
Environmental Department Manager

TABLES

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-1 (Site 7C)	SB-1 (Site 7C)	SB-2 (Site 7C)	SB-2 (Site 7C)	SB-3 (Site 7C)	SB-3 (Site 7C)	SB-4 (Site 7C)	SB-4 (Site 7C)	SB-5 (Site 7C)	SB-5 (Site 7C)	SB-6 (Site 7C)	SB-6 (Site 7C)	SB-7 (Site 7C)	SB-7 (Site 7C)	SB-8 (Site 7C)							
										3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019
										2-3	9-10	3-4	6-7	3-4	5-6	4-5	6-7	1-2	3-4	1-2	9-10	2-3	5-6	4-5							
Metals ug/Kg																															
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	8,080	5,750	1,950	8,070	3,680	4,790	4,140	3,540	3,020	10,500	5,880	6,320	ND	1,910	9,960							
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	248,000	46,500	65,200	53,300	19,300	67,600	27,700	71,000	48,900	123,000	64,900	110,000	559,000	72,000	153,000							
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	558	116	635	148	77,600	17,200	255	200	200	212	444	192	55,600	116	1,230,000							
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	18,900	15,000	9,780	14,500	7,390	22,300	7,280	16,700	11,100	23,800	14,100	21,900	27,600	17,200	19,200							
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	48,000	10,800	5,890	11,600	629,000	12,300	26,200	10,100	5,200	19,800	17,100	17,500	756,000	7,220	10,600,000							
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	613,000	6,850	5,330	12,300	569,000	9,010	25,100	7,850	7,420	15,600	27,100	12,100	482,000	7,990	2,930,000							
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	3,410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	609	ND	ND	ND	ND	ND	393	ND	ND	ND	658	ND	ND	ND	1,220							
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	334	ND	ND	ND	69.1	ND	ND	ND	ND	ND	ND	ND	4,490	ND	8,740							
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	185,000	30,700	17,600	37,600	1,020,000	263,000	55,300	35,300	25,200	54,800	63,700	44,700	471,000	35,700	1,290,000							
Semivolatiles ug/Kg																															
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	770							
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	548							
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	836							
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	921							
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,800							
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200							
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,400							
Total SVOCs										ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,475							
Volatiles, VOCs ug/Kg																															
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	87.1	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	87.1	ND	ND	ND	ND	ND	ND	ND	ND	ND							

Only detected analytes or compounds are listed

Concentrations are in micrograms per kilogram (ug/Kg)

Shaded cells indicate an exceedance of GSI Protection Criteria and Background

Shaded cells indicate an exceedance of Default Background

Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background

Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background

Red text indicates an exceedance of Residential or Nonresidential RIASLs

Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria

Chromium Criteria are for Chromium VI

Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007

NA - Not applicable

NLV - Hazardous Substance is not likely to volatilize under most conditions

NLL - Hazardous substance is not likely to leach under most conditions

(B) - Background may be substituted if higher than the calculated cleanup criterion

(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb

(DD) - Hazardous substance causes developmental effects

(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values

(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-8 (Site 7C)	SB-9 (Site 7C)	SB-9 (Site 7C)	SB-10 (Site 7C)	SB-10 (Site 7C)	SB-11 (Site 7C)	SB-11 (Site 7C)	SB-12 (Site 7C)	SB-12 (Site 7C)	SB-13 (Site 7C)	SB-13 (Site 7C)	SB-14 (Site 7C)	SB-14 (Site 7C)	SB-15 (Site 7C)	SB-15 (Site 7C)
										3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/6/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	
										6-7	3-4	7-8	2-3	4-5	3-4	7-8	1-2	5-6	1-2	3-4	1-2	3-4	2-3	6-7
Metals ug/Kg																								
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	5,180	5,400	1,900	3,310	4,460	7,930	11,000	3,380	7,180	1,980	6,100	5,790	5,530	4,640	4,210
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	83,700	110,000	94,100	54,300	85,700	90,300	64,400	82,600	116,000	268,000	78,000	39,800	58,400	96,800	74,500
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	428	190	224	222	199	192	341	459,000	9,980	31,700	132	70,600	82,100	372	264
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	16,900	23,300	20,400	9,530	15,600	21,600	18,300	15,600	21,600	14,300	16,100	18,300	18,400	14,100	19,000
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	19,800	18,500	15,600	24,600	11,200	16,300	14,600	13,500	18,800	8,040,000	12,600	11,600	46,300	11,400	16,600
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	17,200	11,800	11,200	20,500	15,400	13,900	11,600	24,300	15,400	122,000	18,900	20,600	19,400	17,600	10,400
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	842	1,340	1,260	637	1,010	1,250	ND	704	ND	741	825	842	1,590	1,460	1,140
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	61.9	76.3	61.0	ND	ND	73.0	ND	3,120	ND	ND	84.6	ND	66.6
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	65,500	53,500	57,800	41,700	44,300	48,500	50,800	240,000	55,400	850,000	51,500	3,650,000	5,010,000	43,100	43,500
Semivolatiles ug/Kg																								
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	393	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,620	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,150	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,540	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	629	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	511	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,570	ND	522	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	536	ND	ND	ND	ND	ND	2,060	ND	ND	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	542	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,430	ND	ND	ND	ND	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	527	ND	ND	ND	ND	ND	2,080	ND	ND	ND	ND	ND
Total SVOCs										ND	ND	ND	1,063	ND	ND	ND	ND	ND	13,525	ND	522	ND	ND	ND
Volatiles, VOCs ug/Kg																								
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Only detected analytes or compounds are listed

Concentrations are in micrograms per kilogram (ug/Kg)

Shaded cells indicate an exceedance of GSI Protection Criteria and Background

Shaded cells indicate an exceedance of Default Background

Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background

Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background

Red text indicates an exceedance of Residential or Nonresidential RIASLs

Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria

Chromium Criteria are for Chromium VI

Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007

NA - Not applicable

NLV - Hazardous Substance is not likely to volatilize under most conditions

NLL - Hazardous substance is not likely to leach under most conditions

(B) - Background may be substituted if higher than the calculated cleanup criterion

(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb

(DD) - Hazardous substance causes developmental effects

(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values

(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-16 (Site 7C)	SB-16 (Site 7C)	SB-17 (Site 7C)	SB-17 (Site 7C)	SB-18 (Site 7C)	SB-18 (Site 7C)	SB-19 (Site 7C) (Site 7C)	SB-19 (Site 7C)	SB-20 (Site 7C)	SB-20 (Site 7C)	SB-21 (Site 7C)	SB-21 (Site 7C)	SB-22 (Site 7C)	SB-22 (Site 7C)						
										3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019
										4-5	5-6	1-2	3-4	1-2	5-6	4-5	5-6	2-3	6-7	1-2	3-4	2-3	8-9						
Metals ug/Kg																													
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	10,900	6,000	3,570	1,770	10,100	6,440	30,900	5,520	4,270	4,480	4,630	4,280	4,230	5,630						
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	167,000	90,900	61,000	54,400	64,600	72,700	62,300	101,000	21,400	74,000	44,900	68,300	22,400	121,000						
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	1,040	1,220	1,330	103	93,500	807	973,000	2,790	202	129	185	152	149	255						
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	13,300	18,300	7,910	13,900	14,800	32,400	92,200	27,900	12,500	18,200	9,940	22,000	8,100	32,600						
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	24,400	15,600	29,100	5,550	24,700	33,600	720,000,000	41,200	12,800	10,700	8,960	12,600	8,210	35,200						
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	240,000	8,870	10,100	8,650	56,800	84,400	41,100,000	44,700	5,590	6,880	9,750	8,260	5,530	13,200						
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	899	1,250	ND	933	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	ND	ND	ND	103	221,000	ND	ND	ND	ND	ND	ND	ND						
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	84,600	45,500	202,000	32,800	4,330,000	160,000	10,200,000	59,500	18,600	42,900	29,000	37,200	63,900	72,600						
Semivolatiles ug/Kg																													
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	508	ND	ND	ND	ND	ND	ND						
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	2,690	581	ND	ND	ND	ND	ND	ND						
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	ND	ND	ND	648	ND	ND	ND	ND	ND	ND						
Total SVOCs										ND	ND	ND	ND	ND	ND	2,690	1,737	ND	ND	ND	ND	ND	ND						
Volatiles, VOCs ug/Kg																													
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	109	ND	ND	ND						
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	58.1	ND	ND	ND	ND	ND	ND	ND						
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	103	ND	ND	ND						
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	317						
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	58.1	ND	ND	ND	332.0	ND	ND	317.0						

Only detected analytes or compounds are listed

Concentrations are in micrograms per kilogram (ug/Kg)

Shaded cells indicate an exceedance of GSI Protection Criteria and Background

Shaded cells indicate an exceedance of Default Background

Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background

Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background

Red text indicates an exceedance of Residential or Nonresidential RIASLs

Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria

Chromium Criteria are for Chromium VI

Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007

NA - Not applicable

NLV - Hazardous Substance is not likely to volatilize under most conditions

NLL - Hazardous substance is not likely to leach under most conditions

(B) - Background may be substituted if higher than the calculated cleanup criterion

(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb

(DD) - Hazardous substance causes developmental effects

(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values

(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-23 (Site 7C)	SB-23 (Site 7C)	SB-24 (Site 7C)	SB-24 (Site 7C)	SB-25 (Site 7C)	SB-25 (Site 7C)	SB-26 (Site 7C)	SB-27 (Site 7C)	SB-27 (Site 7C)	SB-28 (Site 7C)	SB-29 (Site 7C)	SB-29 (Site 7C)	SB-30 (Site 7C) (Site 7C)	SB-30 (Site 7C)	SB-31 (Site 7C)							
										3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019	3/7/2019
										1-2	14-15	0-1	4-5	0-1	2-3	9-10	3-4	6-7	2-3	1-2	4-5	1-2	4-5	3-4							
Metals ug/Kg																															
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	4,250	5,220	9,220	8,050	3,510	6,940	8,780	5,300	11,800	5,140	3,450	12,800	5,810	2,480	11,100							
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	42,500	72,500	83,400	85,300	18,900	92,900	122,000	147,000	66,000	103,000	30,400	135,000	228,000	29,800	137,000							
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	149	188	3,370	440	182	203	207	1,800	2,540	372	5,180	227	7,770	80.4	257							
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	8,760	25,500	17,000	21,100	8,690	27,800	24,800	37,100	1,200,000	19,600	6,610	29,100	21,800	6,960	25,000							
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	6,720	14,500	245,000	14,300	4,310	21,600	21,700	104,000	298,000	16,200	2,240,000	19,600	1,190,000	2,730	25,000							
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	9,200	8,910	284,000	10,800	5,010	10,500	13,400	145,000	51,100	22,300	408,000	13,000	1,870,000	5,030	16,300							
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	ND	ND	ND	ND	ND	ND	ND	ND	781	ND	ND	1,420	ND	665	1,470							
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	82.3	ND	ND	ND	ND	225	632	ND	501	88.9	524	ND	66.1							
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	22,200	39,200	491,000	45,100	12,400	59,500	60,000	250,000	224,000	61,700	1,070,000	65,000	512,000	16,100	60,800							
Semivolatiles ug/Kg																															
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	13,200	ND	ND	ND	ND	ND	ND	ND							
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	772	ND	ND	ND	ND	10,800	ND	ND	ND	ND	ND	ND	ND							
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	2,010	ND	ND	ND	ND	17,200	ND	ND	ND	ND	ND	ND	ND							
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	1,300	ND	ND	ND	ND	10,700	ND	ND	ND	ND	ND	ND	ND							
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	1,840	ND	ND	ND	ND	13,700	ND	ND	ND	ND	ND	ND	ND							
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	913	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	635	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	1,680	ND	ND	ND	ND	16,800	ND	ND	ND	ND	ND	ND	ND							
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	10,200	ND	ND	ND	ND	ND	ND	ND							
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	4,100	ND	ND	ND	ND	46,900	ND	ND	ND	ND	ND	ND	ND							
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	13,100	ND	ND	ND	ND	ND	ND	ND							
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	3,220	ND	ND	ND	ND	52,300	ND	ND	ND	550	ND	ND	ND							
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	3,800	ND	ND	ND	ND	41,000	ND	ND	ND	ND	ND	ND	ND							
Total SVOCs										ND	ND	21,032	ND	ND	ND	ND	245,900	ND	ND	ND	550	ND	ND	ND							
Volatiles, VOCs ug/Kg																															
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	315	ND	ND	ND	ND	ND	ND	ND	ND							
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	486	ND	ND	ND	ND	ND	ND	ND							
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	168	ND	ND	ND	ND	ND	ND	ND							
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	7,040	ND	ND	ND	ND	ND	ND	ND							
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	7,523.0	486.0	ND	ND	ND	ND	ND	ND	ND							

Only detected analytes or compounds are listed

Concentrations are in micrograms per kilogram (ug/Kg)

Shaded cells indicate an exceedance of GSI Protection Criteria and Background

Shaded cells indicate an exceedance of Default Background

Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background

Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background

Red text indicates an exceedance of Residential or Nonresidential RIASLs

Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria

Chromium Criteria are for Chromium VI

Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007

NA - Not applicable

NLV - Hazardous Substance is not likely to volatilize under most conditions

NLL - Hazardous substance is not likely to leach under most conditions

(B) - Background may be substituted if higher than the calculated cleanup criterion

(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb

(DD) - Hazardous substance causes developmental effects

(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values

(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-31 (Site 7C)	SB-32 (Site 7C)	SB-33 (Site 7C)	SB-33 (Site 7C)	SB-34 (Site 7C)	SB-34 (Site 7C)	SB-35 (Site 7C)	SB-35 (Site 7C)	SB-36 (Site 7C)	SB-36 (Site 7C)	SB-37 (Site 7C)	SB-37 (Site 7C)	SB-38 (Site 7C)	SB-38 (Site 7C)							
										3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019
										6-7	2-3	4-5	5-6	2-3	4-5	1-2	4-5	2-3	5-6	1-2	4-5	1-2	4-5	1-2	7-8					
Metals ug/Kg																														
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	9,720	8,380	872	5,360	3,300	2,640	7,720	2,420	1,580	4,190	3,590	4,580	8,250	11,500							
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	79,900	108,000	11,900	129,000	55,900	43,800	107,000	55,500	30,800	150,000	31,300	59,400	77,100	89,200							
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	195	215	78.1	99.4	21,200	97.3	39,500	190	293,000	1,580	610	282	47,700	386							
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	17,200	22,000	4,770	21,900	9,570	10,700	8,450	10,800	6,820	24,100	10,200	11,700	8,500	24,200							
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	18,800	11,600	1,740	17,700	5,890,000	4,040	2,120,000	16,800	13,900,000	25,700	47,200	9,780	1,370,000	24,000							
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	11,500	17,700	1,970	11,500	1,120,000	5,460	687,000	8,710	1,260,000	13,900	25,100	9,840	237,000	15,900							
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	1,260	1,540	263	1,490	652	666	3,570	797	344	1,230	ND	674	2,640	ND							
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	79.9	ND	ND	ND	1,860	ND	622	ND	3,430	128	80.1	ND	ND	67.8							
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	50,200	51,300	7,050	56,700	1,090,000	21,700	1,040,000	37,000	3,550,000	59,600	61,400	37,800	417,000	61,100							
Semivolatiles ug/Kg																														
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	741	ND	ND	713	ND	ND	ND	ND	ND							
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	1,170	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	423	ND	ND	ND	ND	ND							
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	815	ND	ND	857	ND	ND	1,540	ND	ND	ND	ND	ND							
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	768	ND	ND	802	ND	ND	ND	ND	ND							
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	658	ND	ND	ND							
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	1,740	ND	ND	807	ND	ND	ND	ND	ND							
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	1,790	ND	ND	ND	ND	ND							
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	21,500	12,500	6,790	ND	9,330	ND	ND	ND	4,670	ND							
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	14,200	5,520	2,250	ND	5,740	ND	404	ND	2,640	ND							
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	714	ND	ND	2,370	ND	ND	2,580	529	708	ND	ND	ND							
Total SVOCs										ND	ND	1,529	ND	35,700	25,666	9,040	ND	23,725	529	1,770	ND	7,310	ND							
Volatiles, VOCs ug/Kg																														
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-39 (Site 7C)	SB-39 (Site 7C)	SB-40 (Site 7C)	SB-40 (Site 7C)	SB-41 (Site 7C)	SB-41 (Site 7C)	SB-42 (Site 7C)	SB-42 (Site 7C)	SB-43 (Site 7C)	SB-44 (Site 7C)	SB-44 (Site 7C)	
										3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019	3/8/2019
										3-4	6-7	5-6	12-13	1-2	4-5	3-4	6-7	1-2	7-8	9-10	
Metals ug/Kg																					
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	9,060	4,180	2,510	5,020	6,130	4,170	4,650	8,670	3,940	3,200	8,620	
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	137,000	68,400	29,100	65,600	151,000	37,100	42,900	128,000	23,600	26,200	112,000	
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	36,000	338	223	164	4,450	279	302	245	114	1,570	138	
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	9,660	16,000	11,500	20,200	232,000	8,620	7,520	23,100	5,990	6,790	24,100	
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	7,150,000	18,000	13,900	13,100	123,000	9,960	27,200	20,300	5,350	9,350	22,600	
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	1,640,000	10,200	7,800	8,000	99,200	43,700	48,500	14,100	7,160	69,500	13,400	
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	1,720	789	ND	ND	1,020	648	637	1,580	ND	ND	ND	
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	773	ND	ND	ND	1,240	ND	ND	65.5	ND	ND	63.0	
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	21,000,000	79,000	40,300	42,700	105,000	156,000	67,300	59,000	24,100	74,100	59,700	
Semivolatiles ug/Kg																					
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	474	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	456	ND	ND	ND	ND	ND	ND	
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	418	ND	ND	ND	ND	ND	ND	
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	567	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	3,950	ND	429	ND	498	ND	ND	ND	ND	ND	505	
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	1,300	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	527	ND	ND	ND	ND	ND	ND	
Total SVOCs										3,950	ND	2,296	ND	2,373	ND	ND	ND	ND	ND	505	
Volatiles, VOCs ug/Kg																					
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.6	98.5	
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.1	149	
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	143	
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	235	774	
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	219	
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	372.7	1,383.5	

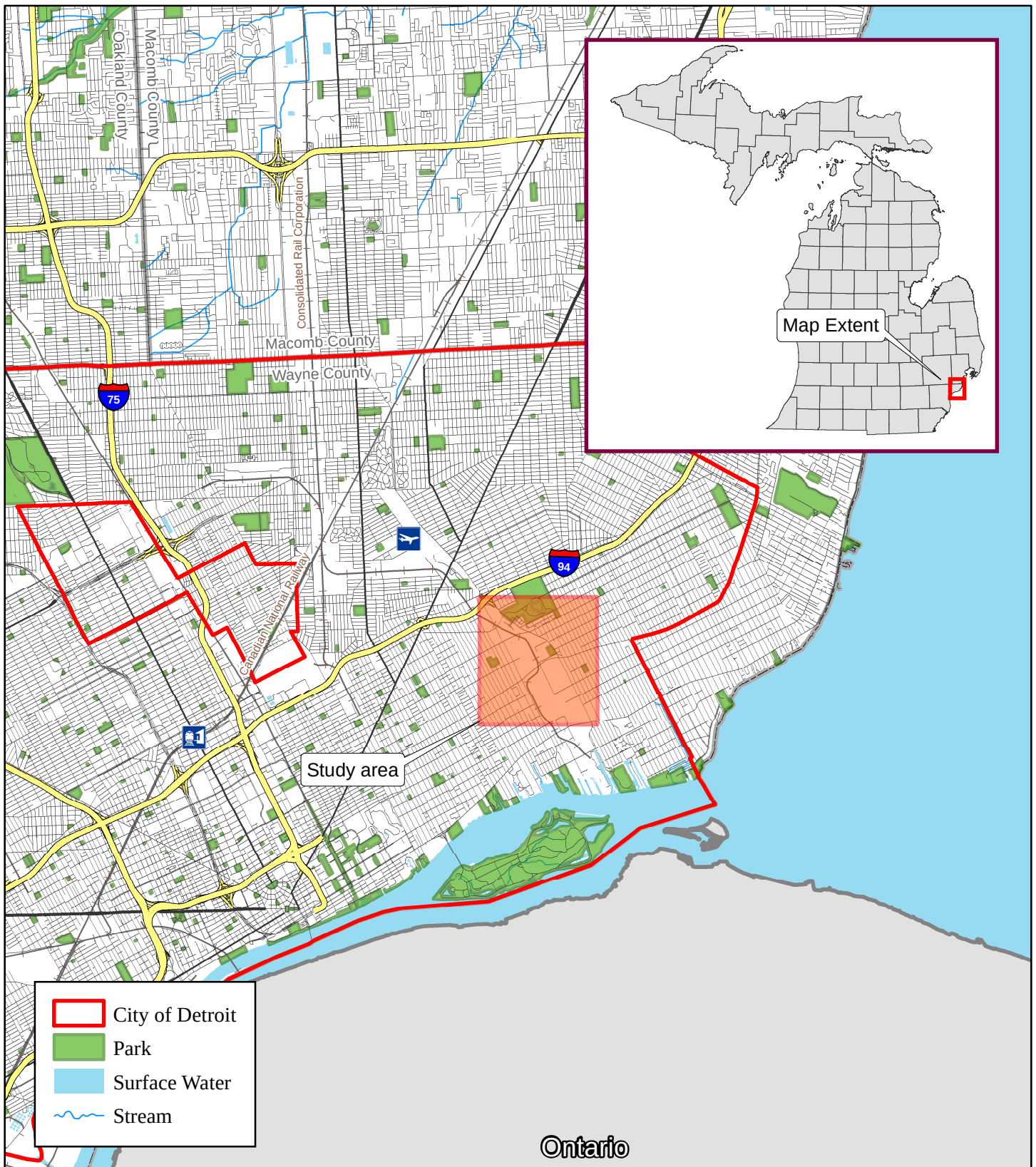
Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 2
SITE 7C TCLP ANALYTICAL RESULTS
11031 and 11081 SHOEMAKER

Parameters*	Chemical Abstract Service Number	EPA Hazardous Waste Number	Regulatory Levels (mg/L)	Sample Location	SB-45 (Site 7C)	SB-46 (Site 7C)	SB-47 (Site 7C)	SB-48 (Site 7C)	SB-49 (Site 7C)	SB-50 (Site 7C)	SB-51 (Site 7C)	SB-52 (Site 7C)	SB-53 (Site 7C)	SB-54 (Site 7C)	SB-55 (Site 7C)	SB-56 (Site 7C)		
				Collection Date	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019
Depth				Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
*(Refer to detailed laboratory report for method reference data)																		
Metals mg/L																		
Arsenic	7440-38-2	D004	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Barium (B)	7440-39-3	D005	100.0		ND	ND	ND	ND	ND	ND	ND	1.0	ND	2.3	ND	ND		
Cadmium (B)	7440-43-9	D006	1.0		ND	0.084	4.2	ND	ND	0.41	0.057	2.0	0.27	0.15	ND	ND		
Chromium, Total	7440-47-3	D007	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Copper (B)	7440-50-8	NA	NA		14.4	11.5	0.152	ND	ND	ND	0.145	8.89	2.35	0.325	0.202	ND		
Lead (B)	7439-92-1	D008	5.0		1.7	15.4	ND	ND	ND	ND	ND	2.5	ND	0.91	ND	ND		
Selenium (B)	7782-49-2	D010	1.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Silver (B)	7440-22-4	D011	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Zinc (B)	7440-66-6	NA	NA		2.7	14.7	ND	1.28	ND	0.986	0.514	7.8	0.558	1.94	2.8	0.734		
PCBs, ug/Kg																		
PCB, Aroclor 1016	12674-11-2	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB, Aroclor 1221	11104-28-2	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB, Aroclor 1232	11141-16-5	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB, Aroclor 1242	53469-21-9	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB, Aroclor 1248	12672-29-6	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCB, Aroclor 1254	11097-69-1	NA	NA		ND	ND	ND	126	ND	ND	ND	ND	ND	432	ND	ND		
PCB, Aroclor 1260	11096-82-5	NA	NA		ND	ND	646	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TCLP Semivolatiles, mg/L																		
1,4-Dichlorobenzene	106-46-7	D027	7.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4-Dinitrotoluene	121-14-2	D030	0.13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachloro-1,3-butadine	87-68-3	D033	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobenzene (C-66)	118-74-1	D032	0.13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachloroethane	67-72-1	D034	3.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylphenol, 2-	95-48-7	D023	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylphenol, 3- and 4-	108-39-4/106-44-5	D024/D025	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Nitrobenzene (I)	98-95-3	D036	2.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pentachlorophenol	87-86-5	D037	100.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pyridine (I)	110-86-1	D038	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4,5-Trichlorophenol	95-95-4	D041	400.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4,6-Trichlorophenol	88-06-2	D042	2.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TCLP Volatiles, mg/L																		
Benzene (I)	71-43-2	D018	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2-Butanone (MEK) (I)	78-93-3	D035	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Carbon tetrachloride	56-23-5	D019	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chlorobenzene (I)	108-90-7	D021	100.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chloroform	67-66-3	D022	6.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,4-Dichlorobenzene	106-46-7	D027	7.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethene	75-35-4	D029	0.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-Dichloroethane (I)	107-06-2	D028	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Tetrachloroethene	127-18-4	D039	0.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene	79-01-6	D040	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl chloride	75-01-4	D043	0.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

Notes:
NA - Not Available
ND - Not Detected
Indicates that the detection exceeds the Regulatory Level
Concentrations are in micrograms per kilogram (ug/Kg)
Concentrations are in milligrams per Liter (mg/L)
Regulatory Levels based on 40 Code of Federal Regulations 261.24
Bold number indicates that the compound was detected

FIGURES



- City of Detroit
- Park
- Surface Water
- Stream

Ontario



Figure 1
Property Locations
Peregrine Falcon
 Detroit, MI
 City of Detroit Brownfield
 Redevelopment Authority

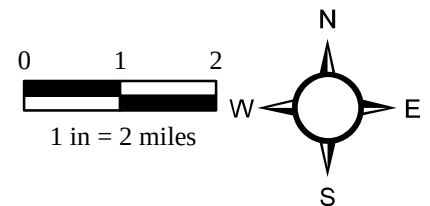




Figure 2
Site 7C
Peregrine Falcon
11031 and 11081 Shoemaker St
Detroit, MI 48213

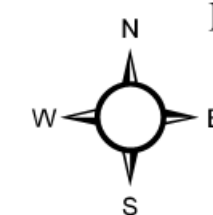
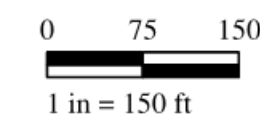


Fig: 2





Figure 4
Site 7C Soil Sample SVOCs Residential
Direct Contact Criteria Exceedances
Peregrine Falcon
 11031 and 11081 Shoemaker St
 Detroit, MI 48213

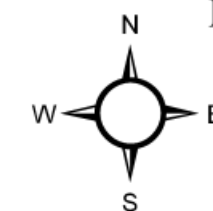
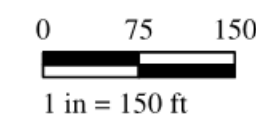


Fig: 4



Figure 5
 Site 7C Soil Sample Metals Residential
 Direct Contact Criteria Exceedances
 Peregrine Falcon
 11031 and 11081 Shoemaker St
 Detroit, MI 48213

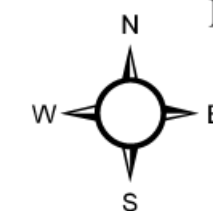
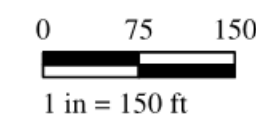


Fig: 5

APPENDIX A
SOIL BORING LOGS

Borehole Number: 7C SB-1

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				1.2	AR Concrete	
2				0.9	SW Black, Stained, Sand and Gravel	
3	1			0.8	CL Stained, Black, Silty Clay	Sample collected 2-3'
4				0.6		
5				0.4	CL Gray, Silty Clay, with Sand, Mild Odor	
6				0.4		
7				0.2	CL Gray Sand	
8				0.2	SP Brown, Silty Clay, Medium Stiff	
9	2			0.1	CL Brown/Gray, Silty Clay, Mottled, Damp, Stiff	
10				0	Some Angular Gravel at 9.5'	Sample collected 9-10'
11				0		
12				0		
13				0		
14				0		
15				0	End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-2

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete	
2				7.4	SW Black, Stained, Sand and Gravel	
3	1			9.6	CL Stained, Black, Silty Clay	Sample collected 3-4'
4				11.3	CL Gray, Silty Clay, with Sand, Mild Odor	
5				10.8	SP Gray Sand, Some Water	
6				10.2	CL Brown, Sandy Clay, Medium Stiff	Sample collected 6-7'
7				0		
8	2			0		
9				0		
10					End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-3

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2	1	46/60"		11.3	SW Black, Stained, Sand, Moist, some Gravel, with Bricks, Loose, some Red Iron Streaks	Sample collected 3-4'
3				10.1		
4						
5				0.6	SP Gray/Brown Sand, Loose	Sample collected 5-6'
6				0	CL Gray/Brown/Tan, Sandy, Clay, Medium Stiff	
7	2	60/60"		0	Stiff, some Fine to Medium Gravel at 7'	
8				0	Medium Stiff at 8.5'	
9				0	CL Gray, Sandy, Clay, Stiff, with Gravel	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-4

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				1.2	AR Concrete	
2				0.6	SW Black Sand and Gravel, With Bricks, Medium, Dense, Damp	
3	1	38/60"		9.1		
4				8.7	SP Black Sand	
5				11.3		Sample collected 4-5'
6				3.9		
7				3.1		
8				3.4		
9				3.0	SP Brown, Medium Sand, Wet	
10				0	CL Brown, Silty Clay	Sample collected 6-7'
11	2	60/60"		0		
12				0		
13				0		
14				0	Stiff at 8.5'	
15				0		
					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-5

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0.6	AR Concrete	Sample collected 1-2'
2	1	44/60"		0.6	CL Orange/Brown Silty Clay,	
3				0.8	Medium Stiff to Soft	Sample collected 3-4'
4				0.2		
5				0		
6				0	Medium Stiff at 6'	
7					Stiff at 7.5'	
8	2	60/60"		0		
9						
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-6

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete	Sample collected 1-2'
2	1	46/60"		0	SW Black Stained Sand and Gravel, No Odor	
3					CL Orange/Brown, Silty Clay, Medium Stiff	
4				0	Soft to Medium Stiff at 5'	
5						
6				0	CL Brown, Silty Clay, Medium Stiff, Damp, Some Subrounded, Subangular Gravel, Medium Plasticity	Sample collected 9-10'
7	2	60/60"				
8				0		
9					Stiff, Low Plasticity at 9'	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-7

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					GW Brown Gravel and Sand	
2	1	48/60"		0	GW Gray Gravel and Sand	Sample collected 2-3'
3					GW Black Gravel and Sand	
4				0	ML Black/Brown, Clayey Silt, with Orange and Tan Mottling (Fill)	
5						Sample collected 5-6'
6				0	CL Olive Greenish Gray Silty Clay with Orange/Gold Mottling, Medium Stiff, Damp, Soft	
7	2	46/60"				
8				0	Sandy to Silty Clay at 8'	
9						
10				0		
11					CL Brown Clay, with some Gravel, Hard	
12				0		
13	3	60/60"				
14				0	CL Orange/Tan/Brown, Sandy, Silty Clay, Dense, Damp	
15						
16					End of Borehole	
17						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-8

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					GW Black/Gray Gravel, with Sand, Medium Dense	
2	1	44/60"		0	With Silt at 3'	
3						
4				0		Sample collected 4-5'
5					SM Silty Sand and Black to Bluish Gray Clay, Soft, High Plasticity, Damp	
6				0		Sample collected 6-7'
7					CL Brown Clay, Hard	
8	2	60/60"		0		
9						
10				0		
11					End of Borehole	
12						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-9

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete	
2					GW Gravel and Clay Mix	
3	1	46/60"		7.7	CL Hard Silty Clay, with Sand	Sample collected 3-4'
4				31.7	SM Silty Sand with Sheen	
5				35.4	CL	
6				24.5	Hard, Gray, Silty Clay, Moist,	
7				26.2	High Plasticity,	
8	2	60/60"		28.4	Soft with Odor and Medium	Sample collected 7-8'
9				12.5	Plasticity at 3,	
10				8.8	CL	
11				6.1	Dark Gray, Silty Clay, Medium	
12				5.8	Plasticity, Soft, Moist	
13				3.4	CL	
14				1	Gray, Sandy, Silty Clay, Soft,	
15				0.2	Low Plasticity, Odor	
16				0	CL	
17				0	Brown, Hard, Silty Clay, with	
				0	some Fine to Medium Angular	
				0	to Subangular Gravel, Low	
				0	Plasticity	
					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-10

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0.2	SW Black, Sand and Gravel/Fill, with Bricks	
2						Sample collected 2-3'
3	1	48/60"		0.1	CL Black, Silty Clay	
4				0.1	CL Gray, Silty Clay,	
5				0	CL Tan, Silty Clay	Sample collected 4-5'
6				0	CL Dark Gray to Olive Gray, Silty Clay, Medium Stiff, Damp	
7				0		
8	2	44/60"		0		
9				0		
10				0	CL Brown, Hard Clay, with some Fine to Medium Gravel	
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-11

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
				0	AR Concrete	
1				0		
				0	CL Orangish Brown, Silty Clay, with Fine Gravel, Stiff	
2	1	28/60"		0		
3				0	Medium Stiff at 3'	Sample collected 3-4'
4				0	Soft at 4.5'	
5				0		
				0	CL Orange/Red/Gray, Silty Clay, Medium Stiff	
6				0		
7				0		Sample collected 7-8'
8	2	52/60"		0	Stiff at 8'	
9				0		
10				0		
					End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-12

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Sample collected 1-2'
2	1	46/60"		0	CL Brown, Silty Clay, Stiff, Damp, Low Plasticity	
3				0	CL Orangish Brown, Silty Clay, Medium Plasticity	
4				0	CL Orangish Brown Silty Clay, Soft, High Plasticity, Damp	Sample collected 5-6'
5				0	CL Hard, Brown Silty Clay, with some Fine to Medium Gravel, Damp, Low Plasticity, Medium Stiff	
6	2	60/60"		0		
7				0		
8				0		
9				0	Some Orange and Gray Mottling at 9'	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-13

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete	
2	1	46/60"		0	CL Brown, Sandy, Clay, with Gravel (Fill), Bricks and Cinders	Sample collected 1-2'
3				0.1		
4				0.2		
5				0	CL Dark Brown, Silty Clay, with some Fine Gravel, Orange/Red/Gray Mottling Medium Stiff at 4' Soft at 4.5'	Sample collected 3-4'
6				0	CL Stiff Brown Silty Clay	
7				0		
8	2	60/60"		0	Hard at 8'	
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/6/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-14

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Sample collected 1-2'
2	1	42/60"		0	SW Brown/Black Sand and Gravel	
3				0	CL Brown to Dark Brown, Sandy Clay, some Fine to Medium Gravel, Medium Stiff, High Plasticity	Sample collected 3-4'
4				0	Orange/Brown at 3'	
5				0	Soft at 4'	
6				13.5	CL Stiff Brown Silty Clay, with Orange/Gray Mottling, Low Plasticity, Damp	
7	2	60/60"		13.3		
8				0	Hard at 7'	
9				0	Stiff at 8.5'	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-15

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
0				0	AR Concrete	
1				0	GP Gravel	
2	1	42/60"		16.7		
3				34.9	CL Blue/Gray Clay	Sample collected 2-3'
4				45.6		
5				59.9	SM Black, Silty Sand, Odor, Loose	
6				43.3		
7				26.8	CL Olive Green/Gray Clay, Odor, Soft	
8				13.5	Medium Stiff at 4'	
9				13.3	Soft at 4.5'	Sample collected 6-7'
10	2	60/60"		13.3	Medium Stiff at 5.5'	
11				0	CL Hard, Brown Clay, with Gravel	
12				0		
13				0		
14					End of Borehole	
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-16

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2	1	38/60"		0	CL Brown to Dark Brown, Silty Clay, with Gravel, Stiff, Low Plasticity, Damp	
3				0	Medium Plasticity at 3'	
4				0	High Plasticity at 4'	Sample collected 4-5'
5				0		Sample collected 5-6'
6				0	CL Dark Brown to Gray Silty Clay, with Gravel, Medium Stiff Stiff at 6.5'	
7				0		
8	2	60/60"		0	CL Hard, Brown, Silty Clay	
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-17

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0.2	AR Concrete	Sample collected 1-2'
2	1	40/60"		0.4	SP Tan/Black/Brown Sand	
3				0.5	CL Dark Gray, Sandy Clay, Soft, Medium Plasticity, Damp	Sample collected 3-4'
4				0.4	CL Olive Green to Gray, Sandy Clay, Medium Stiff, Medium Plasticity	
5				0.2	CL Tan/Brown, Silty Clay, Medium Stiff, High Plasticity	
6				0.1	CL Brown, Hard Clay, with Gravel, Low Plasticity	
7				0	CL Medium Plasticity, Stiff at 7'	
8	2	60/60"		0	CL Brown, Hard Clay, with Gravel, Low Plasticity	
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-18

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Sample collected 1-2'
2	1	30/60"		0	CL Brown to Black Silty Clay, with Gravel	
3				0	ML Brown to Reddish Brown Clayey, Silt	
4				0	CL Brown, Silty Clay, with Gray Mottling, some Fine to Medium Gravel, Stiff, Medium Stiff at 4.5'	Sample collected 5-6'
5				0	Stiff at 5.5'	
6				0	Medium Stiff at 6.5'	
7	2	60/60"		0	Stiff at 7.5'	
8				0	CL Brown, Hard Clay, with Gravel	
9				0		
10				0	End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-19

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Soil same at SB-18 according to boring log
2	1	30/60"		0	CL Brown to Black Silty Clay, with Gravel	
3				0	ML Brown to Reddish Brown Clayey, Silt	
4				0	CL Brown, Silty Clay, with Gray Mottling, some Fine to Medium Gravel, Stiff, Medium Stiff at 4.5'	Sample collected 4-5'
5				0	Stiff at 5.5'	Sample collected 5-6'
6				0	Medium Stiff at 6.5'	
7	2	60/60"		0	Stiff at 7.5'	
8				0	CL Brown, Hard Clay, with Gravel	
9				0		
10				0	End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-20

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Soil same at SB-18 according to boring log
2	1	30/60"		0	CL Brown to Black Silty Clay, with Gravel	Sample collected 2-3'
3				0	ML Brown to Reddish Brown Clayey, Silt	
4				0	CL Brown, Silty Clay, with Gray Mottling, some Fine to Medium Gravel, Stiff, Medium Stiff at 4.5'	
5				0	Stiff at 5.5'	Sample collected 6-7'
6				0	Medium Stiff at 6.5'	
7	2	60/60"		0	Stiff at 7.5'	
8				0	CL Brown, Hard Clay, with Gravel	
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-21

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ

DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Sample collected 1-2'
2	1	48/60"		0	CL Brown Silty Clay	
3				0	CL Tan, Silty Clay, Soft	Sample collected 3-4'
4				0	CL Tan/Gray, Silty Clay, Medium Stiff,	
5				0	Soft at 5'	
6				0	Medium Stiff at 6'	
7	2	60/60"		0	CL Brown, Hard Clay	
8				0		
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-22

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2				0	GP Gravel	
3	1	46/60"		0	CL Dark Brown, Silty Clay, Medium Stiff	Sample collected 2-3'
4				0	CL Tan/Brown, Silty Clay, Medium Stiff, High Plasticity	
5				0	CL Brown, Silty Clay, Medium Stiff, High Plasticity	
6				0	Stiff at 6'	
7	2	60/60"		0	Hard at 7'	
8				0		Sample collected 8-9'
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-23

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	CL Gold/Brown, Sandy Clay, Stiff	Sample collected 1-2'
2	1	44/60"		0	CL Dark Brown, Silty Clay, Medium Stiff,	
3				0	CL Brown/Tan, Silty Clay, Medium Stiff	
4				0	Soft at 4'	
5				0	Medium Stiff at 4.5'	
6				0	Stiff at 7.5'	
7				0		
8	2	60/60"		0		
9				0	CL Hard, Brown, Silty Clay, with Gravel	
10				0	Stiff at 9.5'	
11				0	CL Gray, Silty Clay, Medium Stiff, High Plasticity, Damp	
12				0		
13	3			0		
14				0		Sample collected 14-15'
15					End of Borehole	
16						
17						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-24

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

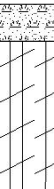
Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1	1	52/60"		0	TP Topsoil	Sample collected 0-1'
2				0	ML Dark Brown, Clayey Silt, Medium Dense	
3				0	ML Brown/Tan, Clayey Silt	
4				2	60/60"	
5	0					
6	0					
7	0					
8	0					
9	0					
10				0	End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-25

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	TP Topsoil	Soil same as SB-24 according to boring log
2	1	48/60"		0	ML Dark Brown, Clayey Silt, Medium Dense	Sample collected 0-1'
3				0	ML Brown/Tan, Clayey Silt	Sample collected 2-3'
4				0		
5				0	CL Orange/Brown, Silty Clay, Medium Stiff, Low Plasticity, Damp	
6				0	Soft at 6'	
7	2	60/60"		0	Medium Stiff at 6.5'	
8				0	Soft at 7'	
9				0	Medium Stiff at 7.5'	
10				0	CL Brown, Silty Clay, Stiff, Medium Plasticity, No Gravel	
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-26

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
0.1					AR Concrete	
1				0	ML Dark Brown, Sandy Silt, Dense	
2	1	42/60"		0	ML Brown, Sandy Silt, Dense	
3				0	CL Brown/Gray, Silty Clay, High Plasticity, Damp, Soft	
4				0	Medium Stiff	
5				0	Stiff at 4'	
6				0		
7				0	Very Stiff at 7'	
8	2	60/60"		0		
9				0	CL Hard, Brown, Silty Clay	Sample collected 9-10'
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-27

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				13.4	AR Gravel/Coarse Brick/Fill	
2				96.1	SC Brown/Black, Clayey Sand and Gravel	
3	1			74.9	GW Black Stained Sand and Gravel	Sample collected 3-4'
4				203		
5				412		
6				816		
7				747		Free product on soil liner 3-5'
8				636		
9				565		
10				1215	AR Black, Sludge-like Substance, Tar Smell,	
11	2			1345	Some Gravel 5-6', Goo 6-7',	Sample collected 6-7'
12				1700	Refusal at 7'	
13				1750		
14					End of Borehole	
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-28

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete, with Gravel	
2	1	36/60"		0.0		Sample collected 2-3'
3				0.2	CL Dark Gray, Silty Clay, Medium Stiff	
4				0.4	Gray, Stiff at 2'	
5				0.6		
6				0.7		
7				0.4	Light Gray and Soft at 4'	
8				0.2		
9				0		
10				0		
11				0	CL Brown/Gray, Silty Clay, Medium Stiff to Stiff	
12	2	60/60"		0		
13				0	CL Hard, Brown, Silty Clay, with Gravel	
14				0		
15				0	End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-29

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				14.1	TP Topsoil, with Gravel	Sample collected 1-2'
2				45.3	SP Tan/Black Sand	
3	1	44/60"		110		
4				173		
5				143		
6				73.8		Sample collected 4-5'
7				9.9		
8				3.8		
9				1.4		
10				0.7		
11				0.2		
12				0.1		
13	2	60/60"		0		
14				0		
15				0		
					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-30

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ

DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	TP Topsoil	Sample collected 1-2'
2	1	46/60"		0	CL Gray/Black, Silty Clay, Soft, Very Mild Odor	
3				0	CL Brown/Black, Silty Clay, Soft, with Brick Debris	Sample collected 4-5'
4				0	CL Black, Silty Clay	
5				0	CL Gray, Sandy, Clay, Soft, Moist	
6				0	CL Brown/Gray, Mottled, Silty Clay, Medium Stiff, Damp	
7	2	60/60"		0	CL Hard, Brown Clay	
8				0		
9				0		
10					End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/7/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-31

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2	1	52/60"		0	CL Brown, Silty Clay, with Gravel,	
3				0.1	Medium Stiff, Damp	
				0.7	Stiff at 2'	
				10.1	Medium Stiff at 3'	Sample collected 3-4'
4				518	CL Greenish Gray', Silty Clay,	
				434	Slight Odor, High Plasticity	
				595	Soft at 5'	
5				644		
6				748	CL Gray/Bluish/Greenish, Silty	
				636	Clay, Medium Stiff	Sample collected 6-7'
				718	Stiff 5-5.5'	
7				703	Medium Stiff 5.5-6'	
	2	60/60"		0.6	Soft 6-7'	
8				0	CL Hard, Brown, Silty Clay, with	
				0	Orange/Red/Tan Mottling,	
9				0	Damp, Trace Fine Angular	
				0	Gravel	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-32

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	TP Topsoil	
2	1	46/60"		0	CL Brown, Silty Clay, Soft, some Orange/Tan Mottling	Sample collected 2-3'
3				0	Medium Stiff at 2' Stiff at 2.5' Very Stiff at 3'	
4				0	CL Hard, Brown, Silty Clay	
5				0		
6				0		
7	2	60/60"		0		
8				0		
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-33

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					AR Concrete	
2	1	40/60"		0.7	CL Brown, Sandy Clay, Soft, Moist	
3				3.4	CL Brownish, Gray, Sandy Clay, Soft	
4				4.8	CL Brown/Tan, Sandy Clay, Soft	Sample collected 4-5'
5				55.9	SP Gray Sand, Odor, Medium Dense, Moist	Sample collected 5-6'
6				114		
7				34.9	CL Brown/Gray, Silty Clay, Medium Stiff, High Plasticity	
8	2	60/60"		7.1		
9				0	CL Hard, Brown Clay, with Gravel	
10				0		
11				0		
12					End of Borehole	
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-34

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				1.2	AR Concrete	
2	1	42/60"		43.4	CL Dark Gray, Silty Clay, Medium Stiff, with Gravel	Sample collected 2-3'
3				75.1	CL Black Stained, Sandy Clay, Low Plasticity, Damp	
4				103		
5				161		
6				242		
7				204		Sample collected 4-5'
8				306		
9				67	CL Brown/Gray, Silty Clay, High Plasticity, Stiff	
10	2	60/60"		8.2		
11				3.2		
12				4.4		
13				3.4		
14				1.2	Very Stiff, Orange/Dark Brown Mottling at 8'	
15				0.2		
16				0	CL Hard, Brown, Silty Clay, with Fine to Medium, Angular Gravel	
17				0		
18					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-35

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0.7	AR Concrete	Sample collected 1-2'
2	1			1.2	SM Red/Black, Silty Sand, Medium Dense, Moist	
3				16.2	Gray to Dark Gray at 2'	
4				22.6		
5				35.4	SW Black Sand and Gravel with Debris	Sample collected 4-5'
6				39.3		
7				23.6	ML Black, Sandy Silt, with Glass Debris	
8				7.4		
9				1.2	CL Gray, Sandy Clay, Low Plasticity, Medium Stiff	
10	2			0.1		
11				0	CL Brown/Gray, Silty Clay, High Plasticity, Medium Stiff	
12				0		
13				0	Stiff at 7.5	
14				0	CL Brown, Hard, Silty Clay, with Gravel	
15					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-36

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2	1	42/60"		0	SW Fine to Medium, Brown Sand	Sample collected 2-3'
3				0	Ar Crushed Concrete, Gravel?	
4				0	ML Black Silt	
5				34.3	ML Gray, Clayey Silt	Sample collected 5-6'
6				16.1		
7				0	CL Brown, Hard, Silty Clay	
8	2	60/60"		0		
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-37

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					ML Brown, Gravelly Silt	Sample collected 1-2'
2	1	50/60"		2.7		
3				3.4	CL Brown/Black, Silty Clay	
4				3.0		Sample collected 4-5'
5				15.1	GP Gravel, Stained	
6				1.2	CL Gray/Brown, Silty Clay, Medium Stiff	
7	2	60/60"		0.2		
8				0	CL Brown, Hard, Silty Clay	
9				0		
10					End of Borehole	
11						
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-38

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	Sample collected 1-2'
2	1	42/60"		0	SM Brown/Black, Silty Sand, Loose	
3				0	AR Bricks	
4				0	ML Clayey Silt	
5				0	CL Medium Stiff, Silty Clay	
6				43		Sample collected 7-8'
7				403		
8	2	46/60"		216		
9				114		
10				19.4	Stiff at 8'	
11				8.3		
12				8.5		
13				3	End of Borehole	
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-39

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				4.2	TP Topsoil/Gravel	
2	1	56/60"		4.6	SW Brown, Loose Sand, with	
3				3.4	Gravel	
4				5.9	CL Dark Brown, Sandy Clay, with	Sample collected 3-4'
5				7.6	Orange/Black Mottling, Medium	
6				56.1	Stiff	
7				34.0		
8				40.9		
9				89.8		
10				99.6		
11				85.9		Sample collected 6-7'
12				63.6		
13	2	60/60"		35.9		
14				14.9		
15				7.7		
16				3.8		
17				1.6		
18				1.2		
19				0.4		
20					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-40

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ

DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1					GW Brown Gravel/Sand	
2					GP Gravel/Debris	
3	1	40/60"		5.8	CL Coal?	
4				9.6		
5				15.4		
6				84.9	SW Gray Sand and Gravel, Odor	
7				301		
8				494		
9				217		Sample collected 5-6'
10				457	SP Black Sand, Strong Odor	
11				319		
12				297		
13	2	60/60"		165	CL Dark Gray, Sandy Clay, Medium Stiff, High Plasticity, Petroleum Odor	
14				30.5		
15				26.1		
16				14.3		
17				7.1		
18				4.3	Stiff at 8.5'	
19				2.5		
20				2.1	CL Hard, Brown, Silty Clay with Gravel, Medium Stiff	
21				2.0		
22				1.7		
23				1.5	CL Gray, Stiff, Sandy Clay, Low Plasticity	Sample collected 12-13'
24				1.2		
25	3			0.9		
26				0.7	CL Gray, Silty Clay, Medium Plasticity	
27				0.6		
28				0.5	High Plasticity at 13.5'	
29				0.5		
30					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-41

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				7.9	GP Gravel	Sample collected 1-2'
2				5.5	SP Black Sand	
3	1				SP Fill/Tan Sand (2-3')	Sample collected 4-5'
4				0.6	SP Black Stained, Fine Sand, Medium Dense	
5				0.4	SP Gray/Dark Gray Sand, Dense	
6				0	CL Orange/Gray, Silty Clay, Soft, Medium Stiff	
7	2			0	CL Orange/Brown/Gray, Silty Clay, Stiff, Low Plasticity	
8				0	Very Stiff at 8.5'	
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-42

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.
1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	CL Brown, Sandy Clay, with Gravel (Fill), Wet	
2				0		
3	1			0	AR Concrete	Sample collected 3-4'
4				0.8	ML Black, Clayey Silt, with Fine Sand, Dense, Damp	
5				0		
6				0	CL Orange/Gray/Brown, Silty Clay, Soft, Medium Stiff at 6.5	Sample collected 6-7'
7				0		
8	2			0	Stiff at 7.5	
9				0	Very Stiff at 8.5'	
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-43

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ

DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0.2	AR Concrete	Sample collected 1-2'
2	1	30/60"		0.3	ML Black, Clayey Silt, with Fine Sand	
3				0.1	SM Reddish Brown, Silty Sand, Medium Dense	
4				0	SP Tan, Fine Sand, Dense	
5				0	CL Orange/Tan/Brown, Silty Clay, Medium Stiff	
6				0	CL Brown, Silty Clay, Stiff	
7	2	60/60"		0		
8				0		
9				0		
10				0		
11					End of Borehole	
12						
13						
14						
15						

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

Borehole Number: 7C SB-44

Project Name: DBRA Peregrine Falcon

Client: City of Detroit

Site Location: Detroit, Michigan

DLZ Project No: 1842-6846-00

Geologist: Dan McNeely



DLZ Michigan, Inc.

1425 Keystone Avenue
Lansing, MI 48911

Depth (ft bgs)	Sample Number	Sample Recovery	Symbol	PID (ppm)	Description	Remarks
0					Ground Surface	
1				0	AR Concrete	
2	1			0	SM Brown/Tan Silty Sand, Damp, Dense, Medium Dense at 2'	
3				0		
4				0.2	Loose, Wet, with Gravel at 3.5	
5				12.7		
6				14.1		
7				201		
8	2			313	SM Dark Gray, Silty Sand, Loose, Wet, Strong Odor	Sample collected 7-8'
9				353		
10				399		
11				384		
12				413		
13				373		
14				215	CL Dark Gray, Sandy Clay, Medium Stiff, Odor	Sample collected 9-10'
15				201		
16				207		
17				141		
18				191	SM Gray, Silty Sand, Wet	
19				203		
20				17.4		
21				6.9		
22				3.4		
23				2.1		
24				0.4	CL Dark Gray, Silty Clay, Stiff	
25				0.2		
26				0		
27				0		
28					End of Borehole	

Drilling Company: Fibertec

Driller: Rhex Keuter

Drill Date: 3/8/2019

Hole Size: 2 inch

Drilling Method: Direct Push

APPENDIX B
LABORATORY REPORTS AND CHAIN OF CUSTODY FORMS

March 25, 2019

Daniel McNeely
DLZ
1425 Keystone Avenue
Lansing, MI 48911

RE: Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

Dear Daniel McNeely:

Enclosed are the analytical results for sample(s) received by the laboratory on March 08, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Thomas Kaugher, DLZ Michigan



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268

Illinois Certification #: 200074

Indiana Certification #: C-49-06

Kansas/NELAP Certification #: E-10177

Kentucky UST Certification #: 80226

Kentucky WW Certification #: 98019

Michigan Department of Environmental Quality, Laboratory
#9050

Ohio VAP Certification #: CL0065

Oklahoma Certification #: 2018-101

Texas Certification #: T104704355

West Virginia Certification #: 330

Wisconsin Certification #: 999788130

USDA Soil Permit #: P330-16-00257

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50218951001	7C-11081-SB-01 (2-3')	Solid	03/06/19 09:10	03/08/19 16:05
50218951002	7C-11081-SB-01 (9-10')	Solid	03/06/19 09:15	03/08/19 16:05
50218951003	7C-11081-SB-02 (3-4')	Solid	03/06/19 09:55	03/08/19 16:05
50218951004	7C-11081-SB-02 (6-7')	Solid	03/06/19 10:00	03/08/19 16:05
50218951005	7C-11081-SB-03 (3-4')	Solid	03/06/19 10:25	03/08/19 16:05
50218951006	7C-11081-SB-03 (5-6')	Solid	03/06/19 10:30	03/08/19 16:05
50218951007	7C-11081-SB-04 (4-5')	Solid	03/06/19 10:50	03/08/19 16:05
50218951008	7C-11081-SB-04 (6-7')	Solid	03/06/19 10:55	03/08/19 16:05
50218951009	7C-11081-SB-05 (1-2')	Solid	03/06/19 11:25	03/08/19 16:05
50218951010	7C-11081-SB-05 (3-4')	Solid	03/06/19 11:30	03/08/19 16:05
50218951011	7C-11081-SB-06 (1-2')	Solid	03/06/19 11:55	03/08/19 16:05
50218951012	7C-11081-SB-06 (9-10')	Solid	03/06/19 12:00	03/08/19 16:05
50218951013	7C-11081-SB-07 (2-3')	Solid	03/06/19 13:25	03/08/19 16:05
50218951014	7C-11081-SB-07 (5-6')	Solid	03/06/19 13:30	03/08/19 16:05
50218951015	7C-11081-SB-08 (4-5')	Solid	03/06/19 13:50	03/08/19 16:05
50218951016	7C-11081-SB-08 (6-7')	Solid	03/06/19 14:00	03/08/19 16:05
50218951017	7C-11031-SB-09 (3-4')	Solid	03/06/19 14:35	03/08/19 16:05
50218951018	7C-11031-SB-09 (7-8')	Solid	03/06/19 14:40	03/08/19 16:05
50218951019	7C-11031-SB-10 (2-3')	Solid	03/06/19 15:10	03/08/19 16:05
50218951020	7C-11031-SB-10 (4-5')	Solid	03/06/19 15:15	03/08/19 16:05
50218951021	7C-11031-SB-11 (3-4')	Solid	03/06/19 15:30	03/08/19 16:05
50218951022	7C-11031-SB-11 (7-8')	Solid	03/06/19 15:35	03/08/19 16:05
50218951023	7C-11031-SB-12 (1-2')	Solid	03/06/19 16:00	03/08/19 16:05
50218951024	7C-11031-SB-12 (5-6')	Solid	03/06/19 16:05	03/08/19 16:05
50218951025	7C-11031-SB-13 (1-2')	Solid	03/06/19 16:15	03/08/19 16:05
50218951026	7C-11031-SB-13 (3-4')	Solid	03/06/19 16:20	03/08/19 16:05
50218951027	7C-11031-SB-14 (1-2')	Solid	03/07/19 09:20	03/08/19 16:05
50218951028	7C-11031-SB-14 (3-4')	Solid	03/07/19 09:25	03/08/19 16:05
50218951029	7C-11031-SB-15 (2-3')	Solid	03/07/19 10:05	03/08/19 16:05
50218951030	7C-11031-SB-15 (6-7')	Solid	03/07/19 10:10	03/08/19 16:05
50218951031	7C-11031-SB-16 (4-5')	Solid	03/07/19 10:30	03/08/19 16:05
50218951032	7C-11031-SB-16 (5-6')	Solid	03/07/19 10:35	03/08/19 16:05
50218951033	7C-11031-SB-17 (1-2')	Solid	03/07/19 11:05	03/08/19 16:05
50218951034	7C-11031-SB-17 (3-4')	Solid	03/07/19 11:10	03/08/19 16:05
50218951035	7C-11031-SB-18 (1-2')	Solid	03/07/19 11:55	03/08/19 16:05
50218951036	7C-11031-SB-18 (5-6')	Solid	03/07/19 12:00	03/08/19 16:05
50218951037	7C-11031-SB-19 (4-5')	Solid	03/07/19 12:10	03/08/19 16:05

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50218951038	7C-11031-SB-19 (5-6')	Solid	03/07/19 12:15	03/08/19 16:05
50218951039	7C-11031-SB-20 (2-3')	Solid	03/07/19 12:35	03/08/19 16:05
50218951040	7C-11031-SB-20 (6-7')	Solid	03/07/19 12:40	03/08/19 16:05
50218951041	7C-11031-SB-21 (1-2')	Solid	03/07/19 14:15	03/08/19 16:05
50218951042	7C-11031-SB-21 (3-4')	Solid	03/07/19 14:20	03/08/19 16:05
50218951043	7C-11031-SB-22 (2-3')	Solid	03/07/19 14:25	03/08/19 16:05
50218951044	7C-11031-SB-22 (8-9')	Solid	03/07/19 14:30	03/08/19 16:05
50218951045	7C-11031-SB-23 (1-2')	Solid	03/07/19 14:50	03/08/19 16:05
50218951046	7C-11031-SB-23 (14-15')	Solid	03/07/19 15:00	03/08/19 16:05
50218951047	7C-11031-SB-24 (0-1')	Solid	03/07/19 15:10	03/08/19 16:05
50218951048	7C-11031-SB-24 (4-5')	Solid	03/07/19 15:15	03/08/19 16:05
50218951049	7C-11031-SB-25 (0-1')	Solid	03/07/19 15:30	03/08/19 16:05
50218951050	7C-11031-SB-25 (2-3')	Solid	03/07/19 15:40	03/08/19 16:05
50218951051	7C-11031-SB-26 (9-10')	Solid	03/07/19 15:50	03/08/19 16:05
50218951052	7C-11031-SB-27 (3-4')	Solid	03/07/19 16:05	03/08/19 16:05
50218951053	7C-11031-SB-27 (6-7')	Solid	03/07/19 16:10	03/08/19 16:05
50218951054	7C-11031-SB-28 (2-3')	Solid	03/07/19 16:30	03/08/19 16:05
50218951055	7C-11031-SB-29 (1-2')	Solid	03/07/19 16:50	03/08/19 16:05
50218951056	7C-11031-SB-29 (4-5')	Solid	03/07/19 17:00	03/08/19 16:05
50218951057	7C-11031-SB-30 (1-2')	Solid	03/07/19 17:10	03/08/19 16:05
50218951058	7C-11031-SB-30 (4-5')	Solid	03/07/19 17:20	03/08/19 16:05
50218951059	7C-11031-SB-31 (3-4')	Solid	03/08/19 08:35	03/08/19 16:05
50218951060	7C-11031-SB-31 (6-7')	Solid	03/08/19 08:45	03/08/19 16:05
50218951061	7C-11031-SB-32 (2-3')	Solid	03/08/19 09:40	03/08/19 16:05
50218951062	7C-11031-SB-33 (4-5')	Solid	03/08/19 09:50	03/08/19 16:05
50218951063	7C-11031-SB-33 (5-6')	Solid	03/08/19 09:55	03/08/19 16:05
50218951064	7C-11031-SB-34 (2-3')	Solid	03/08/19 10:15	03/08/19 16:05
50218951065	7C-11031-SB-34 (4-5')	Solid	03/08/19 10:20	03/08/19 16:05
50218951066	7C-11031-SB-35 (1-2')	Solid	03/08/19 11:05	03/08/19 16:05
50218951067	7C-11031-SB-35 (4-5')	Solid	03/08/19 11:10	03/08/19 16:05
50218951068	7C-11031-SB-36 (2-3')	Solid	03/08/19 11:30	03/08/19 16:05
50218951069	7C-11031-SB-36 (5-6')	Solid	03/08/19 11:35	03/08/19 16:05

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951001	7C-11081-SB-01 (2-3')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951002	7C-11081-SB-01 (9-10')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951003	7C-11081-SB-02 (3-4')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951004	7C-11081-SB-02 (6-7')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951005	7C-11081-SB-03 (3-4')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951006	7C-11081-SB-03 (5-6')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951007	7C-11081-SB-04 (4-5')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951008	7C-11081-SB-04 (6-7')	EPA 6020	CAW	9
		EPA 7471	ILP	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951009	7C-11081-SB-05 (1-2')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951010	7C-11081-SB-05 (3-4')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951011	7C-11081-SB-06 (1-2')	SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951012	7C-11081-SB-06 (9-10')	EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
50218951013	7C-11081-SB-07 (2-3')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	ILP	1
50218951014	7C-11081-SB-07 (5-6')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951015	7C-11081-SB-08 (4-5')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951016	7C-11081-SB-08 (6-7')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951017	7C-11031-SB-09 (3-4')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951018	7C-11031-SB-09 (7-8')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951019	7C-11031-SB-10 (2-3')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951020	7C-11031-SB-10 (4-5')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951021	7C-11031-SB-11 (3-4')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951022	7C-11031-SB-11 (7-8')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951023	7C-11031-SB-12 (1-2')	SM 2540G	MLS	1
		EPA 6020	DMT	9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951024	7C-11031-SB-12 (5-6')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951025	7C-11031-SB-13 (1-2')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951026	7C-11031-SB-13 (3-4')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951027	7C-11031-SB-14 (1-2')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951028	7C-11031-SB-14 (3-4')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951029	7C-11031-SB-15 (2-3')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951030	7C-11031-SB-15 (6-7')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 6020	DMT	9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951031	7C-11031-SB-16 (4-5')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951032	7C-11031-SB-16 (5-6')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951033	7C-11031-SB-17 (1-2')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951034	7C-11031-SB-17 (3-4')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951035	7C-11031-SB-18 (1-2')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
50218951036	7C-11031-SB-18 (5-6')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
50218951037	7C-11031-SB-19 (4-5')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951038	7C-11031-SB-19 (5-6')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951039	7C-11031-SB-20 (2-3')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951040	7C-11031-SB-20 (6-7')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951041	7C-11031-SB-21 (1-2')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951042	7C-11031-SB-21 (3-4')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951043	7C-11031-SB-22 (2-3')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951044	7C-11031-SB-22 (8-9')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951045	7C-11031-SB-23 (1-2')	EPA 6020	CAW	9
		EPA 7471	LBT	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951046	7C-11031-SB-23 (14-15')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
50218951047	7C-11031-SB-24 (0-1')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951048	7C-11031-SB-24 (4-5')	SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951049	7C-11031-SB-25 (0-1')	EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
50218951050	7C-11031-SB-25 (2-3')	EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
50218951051	7C-11031-SB-26 (9-10')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
50218951052	7C-11031-SB-27 (3-4')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951053	7C-11031-SB-27 (6-7')	SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951054	7C-11031-SB-28 (2-3')	SM 2540G	MLS	1
		EPA 6020	CAW	9
		EPA 7471	LBT	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951055	7C-11031-SB-29 (1-2')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951056	7C-11031-SB-29 (4-5')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951057	7C-11031-SB-30 (1-2')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951058	7C-11031-SB-30 (4-5')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951059	7C-11031-SB-31 (3-4')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951060	7C-11031-SB-31 (6-7')	SM 2540G	MLS	1
		EPA 6020	DMT	9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951061	7C-11031-SB-32 (2-3')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951062	7C-11031-SB-33 (4-5')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
50218951063	7C-11031-SB-33 (5-6')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50218951064	7C-11031-SB-34 (2-3')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951065	7C-11031-SB-34 (4-5')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50218951066	7C-11031-SB-35 (1-2')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50218951067	7C-11031-SB-35 (4-5')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50218951068	7C-11031-SB-36 (2-3')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50218951069	7C-11031-SB-36 (5-6')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (2-3') Lab ID: 50218951001 Collected: 03/06/19 09:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8080	ug/kg	605	5	03/13/19 09:25	03/14/19 19:53	7440-38-2	
Barium	248000	ug/kg	2420	20	03/13/19 09:25	03/15/19 16:01	7440-39-3	B
Cadmium	558	ug/kg	60.5	1	03/13/19 09:25	03/15/19 03:05	7440-43-9	
Chromium	18900	ug/kg	242	1	03/13/19 09:25	03/15/19 03:05	7440-47-3	
Copper	48000	ug/kg	302	5	03/13/19 09:25	03/14/19 19:53	7440-50-8	
Lead	613000	ug/kg	12100	100	03/13/19 09:25	03/15/19 15:32	7439-92-1	N2
Selenium	609	ug/kg	605	5	03/13/19 09:25	03/14/19 19:53	7782-49-2	
Silver	334	ug/kg	60.5	1	03/13/19 09:25	03/15/19 03:05	7440-22-4	
Zinc	185000	ug/kg	12100	20	03/13/19 09:25	03/15/19 16:01	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	3410	ug/kg	502	2	03/13/19 22:30	03/14/19 11:51	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	83-32-9	
Acenaphthylene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	208-96-8	
Aniline	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	62-53-3	
Anthracene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	120-12-7	
Atrazine	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	1912-24-9	N2
Azobenzene	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	103-33-3	N2
Benzidine	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	92-87-5	
Benzo(a)anthracene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	56-55-3	
Benzo(a)pyrene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	50-32-8	
Benzo(b)fluoranthene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	205-99-2	
Benzo(g,h,i)perylene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	191-24-2	
Benzo(k)fluoranthene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	207-08-9	
Benzoic acid	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	65-85-0	
Benzyl alcohol	<811	ug/kg	811	1	03/13/19 11:26	03/14/19 13:41	100-51-6	
4-Bromophenylphenyl ether	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	101-55-3	
Butylbenzylphthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	85-68-7	
Caprolactam	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	105-60-2	N2
Carbazole	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	86-74-8	
4-Chloro-3-methylphenol	<811	ug/kg	811	1	03/13/19 11:26	03/14/19 13:41	59-50-7	
bis(2-Chloroethoxy)methane	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	111-91-1	
bis(2-Chloroethyl) ether	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	111-44-4	
bis(2-Chloroisopropyl) ether	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	108-60-1	
2-Chloronaphthalene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	91-58-7	
2-Chlorophenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	95-57-8	
4-Chlorophenylphenyl ether	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	7005-72-3	
Chrysene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	218-01-9	
Dibenz(a,h)anthracene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	53-70-3	
Dibenzofuran	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	132-64-9	
3,3'-Dichlorobenzidine	<811	ug/kg	811	1	03/13/19 11:26	03/14/19 13:41	91-94-1	
2,4-Dichlorophenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	120-83-2	
Diethylphthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (2-3') **Lab ID:** 50218951001 **Collected:** 03/06/19 09:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	105-67-9	
Dimethylphthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	131-11-3	
Di-n-butylphthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	84-74-2	
4,6-Dinitro-2-methylphenol	<811	ug/kg	811	1	03/13/19 11:26	03/14/19 13:41	534-52-1	
2,4-Dinitrophenol	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	51-28-5	
2,4-Dinitrotoluene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	121-14-2	
2,6-Dinitrotoluene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	606-20-2	
Di-n-octylphthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	117-84-0	
bis(2-Ethylhexyl)phthalate	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	117-81-7	
Fluoranthene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	206-44-0	
Fluorene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	86-73-7	
Hexachlorobenzene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	118-74-1	
Hexachlorocyclopentadiene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	77-47-4	
Hexachloroethane	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	67-72-1	
Indeno(1,2,3-cd)pyrene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	193-39-5	
Isophorone	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	78-59-1	
2-Methylnaphthalene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	91-57-6	
2-Methylphenol(o-Cresol)	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	<811	ug/kg	811	1	03/13/19 11:26	03/14/19 13:41		
2-Nitroaniline	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	88-74-4	
3-Nitroaniline	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	99-09-2	
4-Nitroaniline	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	100-01-6	
Nitrobenzene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	98-95-3	
2-Nitrophenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	88-75-5	
4-Nitrophenol	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	100-02-7	
N-Nitrosodimethylamine	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	62-75-9	
N-Nitroso-di-n-propylamine	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	621-64-7	
N-Nitrosodiphenylamine	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	86-30-6	
Pentachlorophenol	<1970	ug/kg	1970	1	03/13/19 11:26	03/14/19 13:41	87-86-5	
Phenanthrene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	85-01-8	
Phenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	108-95-2	
Pyrene	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	129-00-0	
Pyridine	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	110-86-1	
2,4,5-Trichlorophenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	95-95-4	
2,4,6-Trichlorophenol	<406	ug/kg	406	1	03/13/19 11:26	03/14/19 13:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%.	29-87	1	03/13/19 11:26	03/14/19 13:41	4165-60-0	
Phenol-d5 (S)	68	%.	24-99	1	03/13/19 11:26	03/14/19 13:41	4165-62-2	
2-Fluorophenol (S)	67	%.	22-99	1	03/13/19 11:26	03/14/19 13:41	367-12-4	
2,4,6-Tribromophenol (S)	70	%.	19-117	1	03/13/19 11:26	03/14/19 13:41	118-79-6	
2-Fluorobiphenyl (S)	62	%.	29-93	1	03/13/19 11:26	03/14/19 13:41	321-60-8	
p-Terphenyl-d14 (S)	77	%.	26-127	1	03/13/19 11:26	03/14/19 13:41	1718-51-0	
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Acetone	<1360	ug/kg	1360	1		03/15/19 18:42	67-64-1	
Acrylonitrile	<1360	ug/kg	1360	1		03/15/19 18:42	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (2-3') Lab ID: 50218951001 Collected: 03/06/19 09:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	71-43-2	
Bromobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	108-86-1	
Bromochloromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	74-97-5	
Bromodichloromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-27-4	
Bromoform	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-25-2	
Bromomethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	74-83-9	
2-Butanone (MEK)	<341	ug/kg	341	1		03/15/19 18:42	78-93-3	
tert-Butyl Alcohol	<682	ug/kg	682	1		03/15/19 18:42	75-65-0	
n-Butylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	104-51-8	
sec-Butylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	135-98-8	
tert-Butylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	98-06-6	
Carbon disulfide	<136	ug/kg	136	1		03/15/19 18:42	75-15-0	
Carbon tetrachloride	<68.2	ug/kg	68.2	1		03/15/19 18:42	56-23-5	
Chlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	108-90-7	
Chloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-00-3	
Chloroform	<68.2	ug/kg	68.2	1		03/15/19 18:42	67-66-3	
Chloromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	74-87-3	
2-Chlorotoluene	<68.2	ug/kg	68.2	1		03/15/19 18:42	95-49-8	
1,2-Dibromo-3-chloropropane	<136	ug/kg	136	1		03/15/19 18:42	96-12-8	
Dibromochloromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	124-48-1	
1,2-Dibromoethane (EDB)	<68.2	ug/kg	68.2	1		03/15/19 18:42	106-93-4	
Dibromomethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	74-95-3	
1,2-Dichlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	95-50-1	
1,3-Dichlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	541-73-1	
1,4-Dichlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	106-46-7	
trans-1,4-Dichloro-2-butene	<1360	ug/kg	1360	1		03/15/19 18:42	110-57-6	
Dichlorodifluoromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-71-8	
1,1-Dichloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-34-3	
1,2-Dichloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	107-06-2	
1,1-Dichloroethene	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-35-4	
cis-1,2-Dichloroethene	<68.2	ug/kg	68.2	1		03/15/19 18:42	156-59-2	
trans-1,2-Dichloroethene	<68.2	ug/kg	68.2	1		03/15/19 18:42	156-60-5	
1,2-Dichloropropane	<68.2	ug/kg	68.2	1		03/15/19 18:42	78-87-5	L1
cis-1,3-Dichloropropene	<68.2	ug/kg	68.2	1		03/15/19 18:42	10061-01-5	
trans-1,3-Dichloropropene	<68.2	ug/kg	68.2	1		03/15/19 18:42	10061-02-6	
Diethyl ether (Ethyl ether)	<68.2	ug/kg	68.2	1		03/15/19 18:42	60-29-7	
Ethylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	100-41-4	
2-Hexanone	<1360	ug/kg	1360	1		03/15/19 18:42	591-78-6	
Iodomethane	<1360	ug/kg	1360	1		03/15/19 18:42	74-88-4	
Isopropylbenzene (Cumene)	<68.2	ug/kg	68.2	1		03/15/19 18:42	98-82-8	
p-Isopropyltoluene	<68.2	ug/kg	68.2	1		03/15/19 18:42	99-87-6	
Methylene Chloride	<273	ug/kg	273	1		03/15/19 18:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	<341	ug/kg	341	1		03/15/19 18:42	108-10-1	
Methyl-tert-butyl ether	<68.2	ug/kg	68.2	1		03/15/19 18:42	1634-04-4	L1
Naphthalene	<68.2	ug/kg	68.2	1		03/15/19 18:42	91-20-3	
n-Propylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (2-3') Lab ID: 50218951001 Collected: 03/06/19 09:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<68.2	ug/kg	68.2	1		03/15/19 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	79-34-5	L1
Tetrachloroethene	<68.2	ug/kg	68.2	1		03/15/19 18:42	127-18-4	
Tetrahydrofuran	<1360	ug/kg	1360	1		03/15/19 18:42	109-99-9	
Toluene	<68.2	ug/kg	68.2	1		03/15/19 18:42	108-88-3	
1,2,3-Trichlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	87-61-6	
1,2,4-Trichlorobenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	120-82-1	
1,1,1-Trichloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	71-55-6	
1,1,2-Trichloroethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	79-00-5	
Trichloroethene	<68.2	ug/kg	68.2	1		03/15/19 18:42	79-01-6	
Trichlorofluoromethane	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-69-4	
1,2,3-Trichloropropane	<68.2	ug/kg	68.2	1		03/15/19 18:42	96-18-4	
1,2,3-Trimethylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	526-73-8	N2
1,2,4-Trimethylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	95-63-6	
1,3,5-Trimethylbenzene	<68.2	ug/kg	68.2	1		03/15/19 18:42	108-67-8	L2
Vinyl chloride	<68.2	ug/kg	68.2	1		03/15/19 18:42	75-01-4	
Xylene (Total)	<136	ug/kg	136	1		03/15/19 18:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	91	%.	85-118	1		03/15/19 18:42	1868-53-7	
Toluene-d8 (S)	105	%.	71-128	1		03/15/19 18:42	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	56-144	1		03/15/19 18:42	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.4	%	0.10	1		03/15/19 10:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (9-10') **Lab ID:** 50218951002 **Collected:** 03/06/19 09:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5750	ug/kg	562	5	03/13/19 09:25	03/14/19 20:23	7440-38-2	
Barium	46500	ug/kg	562	5	03/13/19 09:25	03/14/19 20:23	7440-39-3	B
Cadmium	116	ug/kg	56.2	1	03/13/19 09:25	03/15/19 16:41	7440-43-9	
Chromium	15000	ug/kg	450	2	03/13/19 09:25	03/14/19 23:57	7440-47-3	
Copper	10800	ug/kg	112	2	03/13/19 09:25	03/14/19 23:57	7440-50-8	
Lead	6850	ug/kg	112	1	03/13/19 09:25	03/15/19 16:41	7439-92-1	N2
Selenium	<562	ug/kg	562	5	03/13/19 09:25	03/14/19 20:23	7782-49-2	D3
Silver	<56.2	ug/kg	56.2	1	03/13/19 09:25	03/15/19 16:41	7440-22-4	
Zinc	30700	ug/kg	1120	2	03/13/19 09:25	03/14/19 23:57	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<228	ug/kg	228	1	03/13/19 22:30	03/14/19 09:55	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	83-32-9	
Acenaphthylene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	208-96-8	
Aniline	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	62-53-3	
Anthracene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	120-12-7	
Atrazine	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	1912-24-9	N2
Azobenzene	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	103-33-3	N2
Benidine	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	92-87-5	
Benzo(a)anthracene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	56-55-3	
Benzo(a)pyrene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	50-32-8	
Benzo(b)fluoranthene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	205-99-2	
Benzo(g,h,i)perylene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	191-24-2	
Benzo(k)fluoranthene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	207-08-9	
Benzoic acid	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	65-85-0	
Benzyl alcohol	<741	ug/kg	741	1	03/13/19 11:26	03/14/19 13:58	100-51-6	
4-Bromophenylphenyl ether	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	101-55-3	
Butylbenzylphthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	85-68-7	
Caprolactam	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	105-60-2	N2
Carbazole	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	86-74-8	
4-Chloro-3-methylphenol	<741	ug/kg	741	1	03/13/19 11:26	03/14/19 13:58	59-50-7	
bis(2-Chloroethoxy)methane	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	111-91-1	
bis(2-Chloroethyl) ether	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	111-44-4	
bis(2-Chloroisopropyl) ether	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	108-60-1	
2-Chloronaphthalene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	91-58-7	
2-Chlorophenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	95-57-8	
4-Chlorophenylphenyl ether	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	7005-72-3	
Chrysene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	218-01-9	
Dibenz(a,h)anthracene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	53-70-3	
Dibenzofuran	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	132-64-9	
3,3'-Dichlorobenzidine	<741	ug/kg	741	1	03/13/19 11:26	03/14/19 13:58	91-94-1	
2,4-Dichlorophenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	120-83-2	
Diethylphthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (9-10') **Lab ID:** 50218951002 **Collected:** 03/06/19 09:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	105-67-9	
Dimethylphthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	131-11-3	
Di-n-butylphthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	84-74-2	
4,6-Dinitro-2-methylphenol	<741	ug/kg	741	1	03/13/19 11:26	03/14/19 13:58	534-52-1	
2,4-Dinitrophenol	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	51-28-5	
2,4-Dinitrotoluene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	121-14-2	
2,6-Dinitrotoluene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	606-20-2	
Di-n-octylphthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	117-84-0	
bis(2-Ethylhexyl)phthalate	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	117-81-7	
Fluoranthene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	206-44-0	
Fluorene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	86-73-7	
Hexachlorobenzene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	118-74-1	
Hexachlorocyclopentadiene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	77-47-4	
Hexachloroethane	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	67-72-1	
Indeno(1,2,3-cd)pyrene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	193-39-5	
Isophorone	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	78-59-1	
2-Methylnaphthalene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	91-57-6	
2-Methylphenol(o-Cresol)	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	<741	ug/kg	741	1	03/13/19 11:26	03/14/19 13:58		
2-Nitroaniline	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	88-74-4	
3-Nitroaniline	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	99-09-2	
4-Nitroaniline	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	100-01-6	
Nitrobenzene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	98-95-3	
2-Nitrophenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	88-75-5	
4-Nitrophenol	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	100-02-7	
N-Nitrosodimethylamine	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	62-75-9	
N-Nitroso-di-n-propylamine	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	621-64-7	
N-Nitrosodiphenylamine	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	86-30-6	
Pentachlorophenol	<1800	ug/kg	1800	1	03/13/19 11:26	03/14/19 13:58	87-86-5	
Phenanthrene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	85-01-8	
Phenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	108-95-2	
Pyrene	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	129-00-0	
Pyridine	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	110-86-1	
2,4,5-Trichlorophenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	95-95-4	
2,4,6-Trichlorophenol	<371	ug/kg	371	1	03/13/19 11:26	03/14/19 13:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	29-87	1	03/13/19 11:26	03/14/19 13:58	4165-60-0	
Phenol-d5 (S)	79	%.	24-99	1	03/13/19 11:26	03/14/19 13:58	4165-62-2	
2-Fluorophenol (S)	77	%.	22-99	1	03/13/19 11:26	03/14/19 13:58	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	19-117	1	03/13/19 11:26	03/14/19 13:58	118-79-6	
2-Fluorobiphenyl (S)	70	%.	29-93	1	03/13/19 11:26	03/14/19 13:58	321-60-8	
p-Terphenyl-d14 (S)	89	%.	26-127	1	03/13/19 11:26	03/14/19 13:58	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<941	ug/kg	941	1		03/15/19 19:14	67-64-1	
Acrylonitrile	<941	ug/kg	941	1		03/15/19 19:14	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (9-10') Lab ID: 50218951002 Collected: 03/06/19 09:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	71-43-2	
Bromobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	108-86-1	
Bromochloromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	74-97-5	
Bromodichloromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-27-4	
Bromoform	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-25-2	
Bromomethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	74-83-9	
2-Butanone (MEK)	<235	ug/kg	235	1		03/15/19 19:14	78-93-3	
tert-Butyl Alcohol	<470	ug/kg	470	1		03/15/19 19:14	75-65-0	
n-Butylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	104-51-8	
sec-Butylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	135-98-8	
tert-Butylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	98-06-6	
Carbon disulfide	<94.1	ug/kg	94.1	1		03/15/19 19:14	75-15-0	
Carbon tetrachloride	<47.0	ug/kg	47.0	1		03/15/19 19:14	56-23-5	
Chlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	108-90-7	
Chloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-00-3	
Chloroform	<47.0	ug/kg	47.0	1		03/15/19 19:14	67-66-3	
Chloromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	74-87-3	
2-Chlorotoluene	<47.0	ug/kg	47.0	1		03/15/19 19:14	95-49-8	
1,2-Dibromo-3-chloropropane	<94.1	ug/kg	94.1	1		03/15/19 19:14	96-12-8	
Dibromochloromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	124-48-1	
1,2-Dibromoethane (EDB)	<47.0	ug/kg	47.0	1		03/15/19 19:14	106-93-4	
Dibromomethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	74-95-3	
1,2-Dichlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	95-50-1	
1,3-Dichlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	541-73-1	
1,4-Dichlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	106-46-7	
trans-1,4-Dichloro-2-butene	<941	ug/kg	941	1		03/15/19 19:14	110-57-6	
Dichlorodifluoromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-71-8	
1,1-Dichloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-34-3	
1,2-Dichloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	107-06-2	
1,1-Dichloroethene	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-35-4	
cis-1,2-Dichloroethene	<47.0	ug/kg	47.0	1		03/15/19 19:14	156-59-2	
trans-1,2-Dichloroethene	<47.0	ug/kg	47.0	1		03/15/19 19:14	156-60-5	
1,2-Dichloropropane	<47.0	ug/kg	47.0	1		03/15/19 19:14	78-87-5	L1
cis-1,3-Dichloropropene	<47.0	ug/kg	47.0	1		03/15/19 19:14	10061-01-5	
trans-1,3-Dichloropropene	<47.0	ug/kg	47.0	1		03/15/19 19:14	10061-02-6	
Diethyl ether (Ethyl ether)	<47.0	ug/kg	47.0	1		03/15/19 19:14	60-29-7	
Ethylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	100-41-4	
2-Hexanone	<941	ug/kg	941	1		03/15/19 19:14	591-78-6	
Iodomethane	<941	ug/kg	941	1		03/15/19 19:14	74-88-4	
Isopropylbenzene (Cumene)	<47.0	ug/kg	47.0	1		03/15/19 19:14	98-82-8	
p-Isopropyltoluene	<47.0	ug/kg	47.0	1		03/15/19 19:14	99-87-6	
Methylene Chloride	<188	ug/kg	188	1		03/15/19 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	<235	ug/kg	235	1		03/15/19 19:14	108-10-1	
Methyl-tert-butyl ether	<47.0	ug/kg	47.0	1		03/15/19 19:14	1634-04-4	L1
Naphthalene	<47.0	ug/kg	47.0	1		03/15/19 19:14	91-20-3	
n-Propylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-01 (9-10') Lab ID: 50218951002 Collected: 03/06/19 09:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<47.0	ug/kg	47.0	1		03/15/19 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	79-34-5	L1
Tetrachloroethene	<47.0	ug/kg	47.0	1		03/15/19 19:14	127-18-4	
Tetrahydrofuran	<941	ug/kg	941	1		03/15/19 19:14	109-99-9	
Toluene	<47.0	ug/kg	47.0	1		03/15/19 19:14	108-88-3	
1,2,3-Trichlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	87-61-6	
1,2,4-Trichlorobenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	120-82-1	
1,1,1-Trichloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	71-55-6	
1,1,2-Trichloroethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	79-00-5	
Trichloroethene	<47.0	ug/kg	47.0	1		03/15/19 19:14	79-01-6	
Trichlorofluoromethane	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-69-4	
1,2,3-Trichloropropane	<47.0	ug/kg	47.0	1		03/15/19 19:14	96-18-4	
1,2,3-Trimethylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	526-73-8	N2
1,2,4-Trimethylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	95-63-6	
1,3,5-Trimethylbenzene	<47.0	ug/kg	47.0	1		03/15/19 19:14	108-67-8	L2
Vinyl chloride	<47.0	ug/kg	47.0	1		03/15/19 19:14	75-01-4	
Xylene (Total)	<94.1	ug/kg	94.1	1		03/15/19 19:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	90	%.	85-118	1		03/15/19 19:14	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/15/19 19:14	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/15/19 19:14	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	11.8	%	0.10	1		03/15/19 10:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (3-4') Lab ID: 50218951003 Collected: 03/06/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1950	ug/kg	582	5	03/13/19 09:25	03/14/19 20:26	7440-38-2	
Barium	65200	ug/kg	582	5	03/13/19 09:25	03/14/19 20:26	7440-39-3	B
Cadmium	635	ug/kg	58.2	1	03/13/19 09:25	03/15/19 16:45	7440-43-9	
Chromium	9780	ug/kg	466	2	03/13/19 09:25	03/15/19 00:00	7440-47-3	
Copper	5890	ug/kg	116	2	03/13/19 09:25	03/15/19 00:00	7440-50-8	
Lead	5330	ug/kg	116	1	03/13/19 09:25	03/15/19 16:45	7439-92-1	N2
Selenium	<582	ug/kg	582	5	03/13/19 09:25	03/14/19 20:26	7782-49-2	D3
Silver	<58.2	ug/kg	58.2	1	03/13/19 09:25	03/15/19 16:45	7440-22-4	
Zinc	17600	ug/kg	1160	2	03/13/19 09:25	03/15/19 00:00	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<236	ug/kg	236	1	03/13/19 22:30	03/14/19 09:57	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	208-96-8	
Aniline	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	62-53-3	
Anthracene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	120-12-7	
Atrazine	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	92-87-5	
Benzo(a)anthracene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	56-55-3	
Benzo(a)pyrene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	50-32-8	
Benzo(b)fluoranthene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	205-99-2	
Benzo(g,h,i)perylene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	191-24-2	
Benzo(k)fluoranthene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	65-85-0	
Benzyl alcohol	<777	ug/kg	777	1	03/13/19 11:26	03/14/19 14:14	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	86-74-8	
4-Chloro-3-methylphenol	<777	ug/kg	777	1	03/13/19 11:26	03/14/19 14:14	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	7005-72-3	
Chrysene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	132-64-9	
3,3'-Dichlorobenzidine	<777	ug/kg	777	1	03/13/19 11:26	03/14/19 14:14	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (3-4') **Lab ID:** 50218951003 **Collected:** 03/06/19 09:55 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	84-74-2	
4,6-Dinitro-2-methylphenol	<777	ug/kg	777	1	03/13/19 11:26	03/14/19 14:14	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	117-81-7	
Fluoranthene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	206-44-0	
Fluorene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	67-72-1	
Indeno(1,2,3-cd)pyrene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	193-39-5	
Isophorone	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	<777	ug/kg	777	1	03/13/19 11:26	03/14/19 14:14		
2-Nitroaniline	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/13/19 11:26	03/14/19 14:14	87-86-5	
Phenanthrene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	85-01-8	
Phenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	108-95-2	
Pyrene	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	129-00-0	
Pyridine	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/13/19 11:26	03/14/19 14:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	29-87	1	03/13/19 11:26	03/14/19 14:14	4165-60-0	
Phenol-d5 (S)	67	%	24-99	1	03/13/19 11:26	03/14/19 14:14	4165-62-2	
2-Fluorophenol (S)	65	%	22-99	1	03/13/19 11:26	03/14/19 14:14	367-12-4	
2,4,6-Tribromophenol (S)	66	%	19-117	1	03/13/19 11:26	03/14/19 14:14	118-79-6	
2-Fluorobiphenyl (S)	59	%	29-93	1	03/13/19 11:26	03/14/19 14:14	321-60-8	
p-Terphenyl-d14 (S)	70	%	26-127	1	03/13/19 11:26	03/14/19 14:14	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1110	ug/kg	1110	1		03/15/19 19:47	67-64-1	
Acrylonitrile	<1110	ug/kg	1110	1		03/15/19 19:47	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (3-4') **Lab ID:** 50218951003 **Collected:** 03/06/19 09:55 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	71-43-2	
Bromobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	108-86-1	
Bromochloromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	74-97-5	
Bromodichloromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-27-4	
Bromoform	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-25-2	
Bromomethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	74-83-9	
2-Butanone (MEK)	<277	ug/kg	277	1		03/15/19 19:47	78-93-3	
tert-Butyl Alcohol	<553	ug/kg	553	1		03/15/19 19:47	75-65-0	
n-Butylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	104-51-8	
sec-Butylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	135-98-8	
tert-Butylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	98-06-6	
Carbon disulfide	<111	ug/kg	111	1		03/15/19 19:47	75-15-0	
Carbon tetrachloride	<55.3	ug/kg	55.3	1		03/15/19 19:47	56-23-5	
Chlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	108-90-7	
Chloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-00-3	
Chloroform	<55.3	ug/kg	55.3	1		03/15/19 19:47	67-66-3	
Chloromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	74-87-3	
2-Chlorotoluene	<55.3	ug/kg	55.3	1		03/15/19 19:47	95-49-8	
1,2-Dibromo-3-chloropropane	<111	ug/kg	111	1		03/15/19 19:47	96-12-8	
Dibromochloromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	124-48-1	
1,2-Dibromoethane (EDB)	<55.3	ug/kg	55.3	1		03/15/19 19:47	106-93-4	
Dibromomethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	74-95-3	
1,2-Dichlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	95-50-1	
1,3-Dichlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	541-73-1	
1,4-Dichlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	106-46-7	
trans-1,4-Dichloro-2-butene	<1110	ug/kg	1110	1		03/15/19 19:47	110-57-6	
Dichlorodifluoromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-71-8	
1,1-Dichloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-34-3	
1,2-Dichloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	107-06-2	
1,1-Dichloroethene	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-35-4	
cis-1,2-Dichloroethene	<55.3	ug/kg	55.3	1		03/15/19 19:47	156-59-2	
trans-1,2-Dichloroethene	<55.3	ug/kg	55.3	1		03/15/19 19:47	156-60-5	
1,2-Dichloropropane	<55.3	ug/kg	55.3	1		03/15/19 19:47	78-87-5	L1
cis-1,3-Dichloropropene	<55.3	ug/kg	55.3	1		03/15/19 19:47	10061-01-5	
trans-1,3-Dichloropropene	<55.3	ug/kg	55.3	1		03/15/19 19:47	10061-02-6	
Diethyl ether (Ethyl ether)	<55.3	ug/kg	55.3	1		03/15/19 19:47	60-29-7	
Ethylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	100-41-4	
2-Hexanone	<1110	ug/kg	1110	1		03/15/19 19:47	591-78-6	
Iodomethane	<1110	ug/kg	1110	1		03/15/19 19:47	74-88-4	
Isopropylbenzene (Cumene)	<55.3	ug/kg	55.3	1		03/15/19 19:47	98-82-8	
p-Isopropyltoluene	<55.3	ug/kg	55.3	1		03/15/19 19:47	99-87-6	
Methylene Chloride	<221	ug/kg	221	1		03/15/19 19:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	<277	ug/kg	277	1		03/15/19 19:47	108-10-1	
Methyl-tert-butyl ether	<55.3	ug/kg	55.3	1		03/15/19 19:47	1634-04-4	L1
Naphthalene	<55.3	ug/kg	55.3	1		03/15/19 19:47	91-20-3	
n-Propylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (3-4') Lab ID: 50218951003 Collected: 03/06/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<55.3	ug/kg	55.3	1		03/15/19 19:47	100-42-5	
1,1,1,2-Tetrachloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	630-20-6	
1,1,2,2-Tetrachloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	79-34-5	L1
Tetrachloroethene	<55.3	ug/kg	55.3	1		03/15/19 19:47	127-18-4	
Tetrahydrofuran	<1110	ug/kg	1110	1		03/15/19 19:47	109-99-9	
Toluene	<55.3	ug/kg	55.3	1		03/15/19 19:47	108-88-3	
1,2,3-Trichlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	87-61-6	
1,2,4-Trichlorobenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	120-82-1	
1,1,1-Trichloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	71-55-6	
1,1,2-Trichloroethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	79-00-5	
Trichloroethene	<55.3	ug/kg	55.3	1		03/15/19 19:47	79-01-6	
Trichlorofluoromethane	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-69-4	
1,2,3-Trichloropropane	<55.3	ug/kg	55.3	1		03/15/19 19:47	96-18-4	
1,2,3-Trimethylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	526-73-8	N2
1,2,4-Trimethylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	95-63-6	
1,3,5-Trimethylbenzene	<55.3	ug/kg	55.3	1		03/15/19 19:47	108-67-8	L2
Vinyl chloride	<55.3	ug/kg	55.3	1		03/15/19 19:47	75-01-4	
Xylene (Total)	<111	ug/kg	111	1		03/15/19 19:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	91	%.	85-118	1		03/15/19 19:47	1868-53-7	
Toluene-d8 (S)	104	%.	71-128	1		03/15/19 19:47	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/15/19 19:47	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.3	%	0.10	1		03/15/19 10:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (6-7') Lab ID: 50218951004 Collected: 03/06/19 10:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8070	ug/kg	556	5	03/13/19 09:25	03/14/19 20:34	7440-38-2	
Barium	53300	ug/kg	556	5	03/13/19 09:25	03/14/19 20:34	7440-39-3	B
Cadmium	148	ug/kg	55.6	1	03/13/19 09:25	03/15/19 16:49	7440-43-9	
Chromium	14500	ug/kg	445	2	03/13/19 09:25	03/15/19 00:04	7440-47-3	
Copper	11600	ug/kg	111	2	03/13/19 09:25	03/15/19 00:04	7440-50-8	
Lead	12300	ug/kg	111	1	03/13/19 09:25	03/15/19 16:49	7439-92-1	N2
Selenium	<556	ug/kg	556	5	03/13/19 09:25	03/14/19 20:34	7782-49-2	D3
Silver	<55.6	ug/kg	55.6	1	03/13/19 09:25	03/15/19 16:49	7440-22-4	
Zinc	37600	ug/kg	1110	2	03/13/19 09:25	03/15/19 00:04	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<221	ug/kg	221	1	03/13/19 22:30	03/14/19 10:00	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	83-32-9	
Acenaphthylene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	208-96-8	
Aniline	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	62-53-3	
Anthracene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	120-12-7	
Atrazine	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	1912-24-9	N2
Azobenzene	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	103-33-3	N2
Benidine	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	92-87-5	
Benzo(a)anthracene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	56-55-3	
Benzo(a)pyrene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	50-32-8	
Benzo(b)fluoranthene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	205-99-2	
Benzo(g,h,i)perylene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	191-24-2	
Benzo(k)fluoranthene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	207-08-9	
Benzoic acid	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	65-85-0	
Benzyl alcohol	<740	ug/kg	740	1	03/13/19 11:26	03/14/19 14:30	100-51-6	
4-Bromophenylphenyl ether	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	101-55-3	
Butylbenzylphthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	85-68-7	
Caprolactam	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	105-60-2	N2
Carbazole	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	86-74-8	
4-Chloro-3-methylphenol	<740	ug/kg	740	1	03/13/19 11:26	03/14/19 14:30	59-50-7	
bis(2-Chloroethoxy)methane	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	111-91-1	
bis(2-Chloroethyl) ether	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	111-44-4	
bis(2-Chloroisopropyl) ether	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	108-60-1	
2-Chloronaphthalene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	91-58-7	
2-Chlorophenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	95-57-8	
4-Chlorophenylphenyl ether	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	7005-72-3	
Chrysene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	218-01-9	
Dibenz(a,h)anthracene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	53-70-3	
Dibenzofuran	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	132-64-9	
3,3'-Dichlorobenzidine	<740	ug/kg	740	1	03/13/19 11:26	03/14/19 14:30	91-94-1	
2,4-Dichlorophenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	120-83-2	
Diethylphthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (6-7') Lab ID: 50218951004 Collected: 03/06/19 10:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	105-67-9	
Dimethylphthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	131-11-3	
Di-n-butylphthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	84-74-2	
4,6-Dinitro-2-methylphenol	<740	ug/kg	740	1	03/13/19 11:26	03/14/19 14:30	534-52-1	
2,4-Dinitrophenol	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	51-28-5	
2,4-Dinitrotoluene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	121-14-2	
2,6-Dinitrotoluene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	606-20-2	
Di-n-octylphthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	117-84-0	
bis(2-Ethylhexyl)phthalate	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	117-81-7	
Fluoranthene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	206-44-0	
Fluorene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	86-73-7	
Hexachlorobenzene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	118-74-1	
Hexachlorocyclopentadiene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	77-47-4	
Hexachloroethane	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	67-72-1	
Indeno(1,2,3-cd)pyrene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	193-39-5	
Isophorone	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	78-59-1	
2-Methylnaphthalene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	91-57-6	
2-Methylphenol(o-Cresol)	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	<740	ug/kg	740	1	03/13/19 11:26	03/14/19 14:30		
2-Nitroaniline	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	88-74-4	
3-Nitroaniline	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	99-09-2	
4-Nitroaniline	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	100-01-6	
Nitrobenzene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	98-95-3	
2-Nitrophenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	88-75-5	
4-Nitrophenol	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	100-02-7	
N-Nitrosodimethylamine	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	62-75-9	
N-Nitroso-di-n-propylamine	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	621-64-7	
N-Nitrosodiphenylamine	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	86-30-6	
Pentachlorophenol	<1790	ug/kg	1790	1	03/13/19 11:26	03/14/19 14:30	87-86-5	
Phenanthrene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	85-01-8	
Phenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	108-95-2	
Pyrene	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	129-00-0	
Pyridine	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	110-86-1	
2,4,5-Trichlorophenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	95-95-4	
2,4,6-Trichlorophenol	<370	ug/kg	370	1	03/13/19 11:26	03/14/19 14:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%.	29-87	1	03/13/19 11:26	03/14/19 14:30	4165-60-0	
Phenol-d5 (S)	81	%.	24-99	1	03/13/19 11:26	03/14/19 14:30	4165-62-2	
2-Fluorophenol (S)	81	%.	22-99	1	03/13/19 11:26	03/14/19 14:30	367-12-4	
2,4,6-Tribromophenol (S)	79	%.	19-117	1	03/13/19 11:26	03/14/19 14:30	118-79-6	
2-Fluorobiphenyl (S)	72	%.	29-93	1	03/13/19 11:26	03/14/19 14:30	321-60-8	
p-Terphenyl-d14 (S)	89	%.	26-127	1	03/13/19 11:26	03/14/19 14:30	1718-51-0	
8260MSV 5035S Med Level Analytical Method: EPA 8260								
Acetone	<904	ug/kg	904	1		03/15/19 20:20	67-64-1	
Acrylonitrile	<904	ug/kg	904	1		03/15/19 20:20	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (6-7') Lab ID: 50218951004 Collected: 03/06/19 10:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	71-43-2	
Bromobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	108-86-1	
Bromochloromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	74-97-5	
Bromodichloromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-27-4	
Bromoform	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-25-2	
Bromomethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	74-83-9	
2-Butanone (MEK)	<226	ug/kg	226	1		03/15/19 20:20	78-93-3	
tert-Butyl Alcohol	<452	ug/kg	452	1		03/15/19 20:20	75-65-0	
n-Butylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	104-51-8	
sec-Butylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	135-98-8	
tert-Butylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	98-06-6	
Carbon disulfide	<90.4	ug/kg	90.4	1		03/15/19 20:20	75-15-0	
Carbon tetrachloride	<45.2	ug/kg	45.2	1		03/15/19 20:20	56-23-5	
Chlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	108-90-7	
Chloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-00-3	
Chloroform	<45.2	ug/kg	45.2	1		03/15/19 20:20	67-66-3	
Chloromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	74-87-3	
2-Chlorotoluene	<45.2	ug/kg	45.2	1		03/15/19 20:20	95-49-8	
1,2-Dibromo-3-chloropropane	<90.4	ug/kg	90.4	1		03/15/19 20:20	96-12-8	
Dibromochloromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	124-48-1	
1,2-Dibromoethane (EDB)	<45.2	ug/kg	45.2	1		03/15/19 20:20	106-93-4	
Dibromomethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	74-95-3	
1,2-Dichlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	95-50-1	
1,3-Dichlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	541-73-1	
1,4-Dichlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	106-46-7	
trans-1,4-Dichloro-2-butene	<904	ug/kg	904	1		03/15/19 20:20	110-57-6	
Dichlorodifluoromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-71-8	
1,1-Dichloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-34-3	
1,2-Dichloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	107-06-2	
1,1-Dichloroethene	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-35-4	
cis-1,2-Dichloroethene	<45.2	ug/kg	45.2	1		03/15/19 20:20	156-59-2	
trans-1,2-Dichloroethene	<45.2	ug/kg	45.2	1		03/15/19 20:20	156-60-5	
1,2-Dichloropropane	<45.2	ug/kg	45.2	1		03/15/19 20:20	78-87-5	L1
cis-1,3-Dichloropropene	<45.2	ug/kg	45.2	1		03/15/19 20:20	10061-01-5	
trans-1,3-Dichloropropene	<45.2	ug/kg	45.2	1		03/15/19 20:20	10061-02-6	
Diethyl ether (Ethyl ether)	<45.2	ug/kg	45.2	1		03/15/19 20:20	60-29-7	
Ethylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	100-41-4	
2-Hexanone	<904	ug/kg	904	1		03/15/19 20:20	591-78-6	
Iodomethane	<904	ug/kg	904	1		03/15/19 20:20	74-88-4	
Isopropylbenzene (Cumene)	<45.2	ug/kg	45.2	1		03/15/19 20:20	98-82-8	
p-Isopropyltoluene	<45.2	ug/kg	45.2	1		03/15/19 20:20	99-87-6	
Methylene Chloride	<181	ug/kg	181	1		03/15/19 20:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	<226	ug/kg	226	1		03/15/19 20:20	108-10-1	
Methyl-tert-butyl ether	<45.2	ug/kg	45.2	1		03/15/19 20:20	1634-04-4	L1
Naphthalene	<45.2	ug/kg	45.2	1		03/15/19 20:20	91-20-3	
n-Propylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-02 (6-7') Lab ID: 50218951004 Collected: 03/06/19 10:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<45.2	ug/kg	45.2	1		03/15/19 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	79-34-5	L1
Tetrachloroethene	<45.2	ug/kg	45.2	1		03/15/19 20:20	127-18-4	
Tetrahydrofuran	<904	ug/kg	904	1		03/15/19 20:20	109-99-9	
Toluene	<45.2	ug/kg	45.2	1		03/15/19 20:20	108-88-3	
1,2,3-Trichlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	87-61-6	
1,2,4-Trichlorobenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	120-82-1	
1,1,1-Trichloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	71-55-6	
1,1,2-Trichloroethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	79-00-5	
Trichloroethene	<45.2	ug/kg	45.2	1		03/15/19 20:20	79-01-6	
Trichlorofluoromethane	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-69-4	
1,2,3-Trichloropropane	<45.2	ug/kg	45.2	1		03/15/19 20:20	96-18-4	
1,2,3-Trimethylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	526-73-8	N2
1,2,4-Trimethylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	95-63-6	
1,3,5-Trimethylbenzene	<45.2	ug/kg	45.2	1		03/15/19 20:20	108-67-8	L2
Vinyl chloride	<45.2	ug/kg	45.2	1		03/15/19 20:20	75-01-4	
Xylene (Total)	<90.4	ug/kg	90.4	1		03/15/19 20:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	91	%.	85-118	1		03/15/19 20:20	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/15/19 20:20	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/15/19 20:20	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	12.0	%	0.10	1		03/15/19 10:48

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (3-4') Lab ID: 50218951005 Collected: 03/06/19 10:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3680	ug/kg	581	5	03/13/19 09:25	03/14/19 20:37	7440-38-2	
Barium	19300	ug/kg	116	1	03/13/19 09:25	03/15/19 17:00	7440-39-3	B
Cadmium	77600	ug/kg	290	5	03/13/19 09:25	03/14/19 20:37	7440-43-9	
Chromium	7390	ug/kg	465	2	03/13/19 09:25	03/15/19 00:15	7440-47-3	
Copper	629000	ug/kg	2900	50	03/13/19 09:25	03/15/19 13:57	7440-50-8	
Lead	569000	ug/kg	5810	50	03/13/19 09:25	03/15/19 13:57	7439-92-1	N2
Selenium	<581	ug/kg	581	5	03/13/19 09:25	03/14/19 20:37	7782-49-2	D3
Silver	69.1	ug/kg	58.1	1	03/13/19 09:25	03/15/19 17:00	7440-22-4	
Zinc	1020000	ug/kg	29000	50	03/13/19 09:25	03/15/19 13:57	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<254	ug/kg	254	1	03/13/19 22:30	03/14/19 10:02	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	83-32-9	
Acenaphthylene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	208-96-8	
Aniline	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	62-53-3	
Anthracene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	120-12-7	
Atrazine	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	1912-24-9	N2
Azobenzene	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	103-33-3	N2
Benidine	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	92-87-5	
Benzo(a)anthracene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	56-55-3	
Benzo(a)pyrene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	50-32-8	
Benzo(b)fluoranthene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	205-99-2	
Benzo(g,h,i)perylene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	191-24-2	
Benzo(k)fluoranthene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	207-08-9	
Benzoic acid	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	65-85-0	
Benzyl alcohol	<791	ug/kg	791	1	03/13/19 11:26	03/14/19 14:47	100-51-6	
4-Bromophenylphenyl ether	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	101-55-3	
Butylbenzylphthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	85-68-7	
Caprolactam	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	105-60-2	N2
Carbazole	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	86-74-8	
4-Chloro-3-methylphenol	<791	ug/kg	791	1	03/13/19 11:26	03/14/19 14:47	59-50-7	
bis(2-Chloroethoxy)methane	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	111-91-1	
bis(2-Chloroethyl) ether	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	111-44-4	
bis(2-Chloroisopropyl) ether	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	108-60-1	
2-Chloronaphthalene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	91-58-7	
2-Chlorophenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	95-57-8	
4-Chlorophenylphenyl ether	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	7005-72-3	
Chrysene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	218-01-9	
Dibenz(a,h)anthracene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	53-70-3	
Dibenzofuran	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	132-64-9	
3,3'-Dichlorobenzidine	<791	ug/kg	791	1	03/13/19 11:26	03/14/19 14:47	91-94-1	
2,4-Dichlorophenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	120-83-2	
Diethylphthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (3-4') **Lab ID:** 50218951005 **Collected:** 03/06/19 10:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	105-67-9	
Dimethylphthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	131-11-3	
Di-n-butylphthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	84-74-2	
4,6-Dinitro-2-methylphenol	<791	ug/kg	791	1	03/13/19 11:26	03/14/19 14:47	534-52-1	
2,4-Dinitrophenol	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	51-28-5	
2,4-Dinitrotoluene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	121-14-2	
2,6-Dinitrotoluene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	606-20-2	
Di-n-octylphthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	117-84-0	
bis(2-Ethylhexyl)phthalate	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	117-81-7	
Fluoranthene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	206-44-0	
Fluorene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	86-73-7	
Hexachlorobenzene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	118-74-1	
Hexachlorocyclopentadiene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	77-47-4	
Hexachloroethane	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	67-72-1	
Indeno(1,2,3-cd)pyrene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	193-39-5	
Isophorone	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	78-59-1	
2-Methylnaphthalene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	91-57-6	
2-Methylphenol(o-Cresol)	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	<791	ug/kg	791	1	03/13/19 11:26	03/14/19 14:47		
2-Nitroaniline	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	88-74-4	
3-Nitroaniline	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	99-09-2	
4-Nitroaniline	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	100-01-6	
Nitrobenzene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	98-95-3	
2-Nitrophenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	88-75-5	
4-Nitrophenol	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	100-02-7	
N-Nitrosodimethylamine	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	62-75-9	
N-Nitroso-di-n-propylamine	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	621-64-7	
N-Nitrosodiphenylamine	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	86-30-6	
Pentachlorophenol	<1920	ug/kg	1920	1	03/13/19 11:26	03/14/19 14:47	87-86-5	
Phenanthrene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	85-01-8	
Phenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	108-95-2	
Pyrene	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	129-00-0	
Pyridine	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	110-86-1	
2,4,5-Trichlorophenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	95-95-4	
2,4,6-Trichlorophenol	<396	ug/kg	396	1	03/13/19 11:26	03/14/19 14:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	63	%	29-87	1	03/13/19 11:26	03/14/19 14:47	4165-60-0	
Phenol-d5 (S)	72	%	24-99	1	03/13/19 11:26	03/14/19 14:47	4165-62-2	
2-Fluorophenol (S)	70	%	22-99	1	03/13/19 11:26	03/14/19 14:47	367-12-4	
2,4,6-Tribromophenol (S)	69	%	19-117	1	03/13/19 11:26	03/14/19 14:47	118-79-6	
2-Fluorobiphenyl (S)	61	%	29-93	1	03/13/19 11:26	03/14/19 14:47	321-60-8	
p-Terphenyl-d14 (S)	80	%	26-127	1	03/13/19 11:26	03/14/19 14:47	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1	03/15/19 20:52	67-64-1
Acrylonitrile	<1050	ug/kg	1050	1	03/15/19 20:52	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (3-4') Lab ID: 50218951005 Collected: 03/06/19 10:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	71-43-2	
Bromobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	108-86-1	
Bromochloromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	74-97-5	
Bromodichloromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-27-4	
Bromoform	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-25-2	
Bromomethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	74-83-9	
2-Butanone (MEK)	<263	ug/kg	263	1		03/15/19 20:52	78-93-3	
tert-Butyl Alcohol	<526	ug/kg	526	1		03/15/19 20:52	75-65-0	
n-Butylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	104-51-8	
sec-Butylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	135-98-8	
tert-Butylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/15/19 20:52	75-15-0	
Carbon tetrachloride	<52.6	ug/kg	52.6	1		03/15/19 20:52	56-23-5	
Chlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	108-90-7	
Chloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-00-3	
Chloroform	<52.6	ug/kg	52.6	1		03/15/19 20:52	67-66-3	
Chloromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	74-87-3	
2-Chlorotoluene	<52.6	ug/kg	52.6	1		03/15/19 20:52	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/15/19 20:52	96-12-8	
Dibromochloromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	124-48-1	
1,2-Dibromoethane (EDB)	<52.6	ug/kg	52.6	1		03/15/19 20:52	106-93-4	
Dibromomethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	74-95-3	
1,2-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	95-50-1	
1,3-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	541-73-1	
1,4-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/15/19 20:52	110-57-6	
Dichlorodifluoromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-71-8	
1,1-Dichloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-34-3	
1,2-Dichloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	107-06-2	
1,1-Dichloroethene	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-35-4	
cis-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/15/19 20:52	156-59-2	
trans-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/15/19 20:52	156-60-5	
1,2-Dichloropropane	<52.6	ug/kg	52.6	1		03/15/19 20:52	78-87-5	L1
cis-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/15/19 20:52	10061-01-5	
trans-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/15/19 20:52	10061-02-6	
Diethyl ether (Ethyl ether)	<52.6	ug/kg	52.6	1		03/15/19 20:52	60-29-7	
Ethylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/15/19 20:52	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/15/19 20:52	74-88-4	
Isopropylbenzene (Cumene)	<52.6	ug/kg	52.6	1		03/15/19 20:52	98-82-8	
p-Isopropyltoluene	<52.6	ug/kg	52.6	1		03/15/19 20:52	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/15/19 20:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<263	ug/kg	263	1		03/15/19 20:52	108-10-1	
Methyl-tert-butyl ether	<52.6	ug/kg	52.6	1		03/15/19 20:52	1634-04-4	L1
Naphthalene	<52.6	ug/kg	52.6	1		03/15/19 20:52	91-20-3	
n-Propylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (3-4) **Lab ID: 50218951005** Collected: 03/06/19 10:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.6	ug/kg	52.6	1		03/15/19 20:52	100-42-5	
1,1,1,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	630-20-6	
1,1,2,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	79-34-5	L1
Tetrachloroethene	<52.6	ug/kg	52.6	1		03/15/19 20:52	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/15/19 20:52	109-99-9	
Toluene	<52.6	ug/kg	52.6	1		03/15/19 20:52	108-88-3	
1,2,3-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	87-61-6	
1,2,4-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	120-82-1	
1,1,1-Trichloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	71-55-6	
1,1,2-Trichloroethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	79-00-5	
Trichloroethene	<52.6	ug/kg	52.6	1		03/15/19 20:52	79-01-6	
Trichlorofluoromethane	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-69-4	
1,2,3-Trichloropropane	<52.6	ug/kg	52.6	1		03/15/19 20:52	96-18-4	
1,2,3-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	526-73-8	N2
1,2,4-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	95-63-6	
1,3,5-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/15/19 20:52	108-67-8	L2
Vinyl chloride	<52.6	ug/kg	52.6	1		03/15/19 20:52	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/15/19 20:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	91	%.	85-118	1		03/15/19 20:52	1868-53-7	
Toluene-d8 (S)	104	%.	71-128	1		03/15/19 20:52	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	56-144	1		03/15/19 20:52	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.9	%	0.10	1		03/15/19 10:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (5-6') Lab ID: 50218951006 Collected: 03/06/19 10:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4790	ug/kg	557	5	03/13/19 09:25	03/14/19 20:48	7440-38-2	
Barium	67600	ug/kg	557	5	03/13/19 09:25	03/14/19 20:48	7440-39-3	B
Cadmium	17200	ug/kg	55.7	1	03/13/19 09:25	03/15/19 17:04	7440-43-9	
Chromium	22300	ug/kg	446	2	03/13/19 09:25	03/15/19 00:19	7440-47-3	
Copper	12300	ug/kg	111	2	03/13/19 09:25	03/15/19 00:19	7440-50-8	
Lead	9010	ug/kg	111	1	03/13/19 09:25	03/15/19 17:04	7439-92-1	N2
Selenium	<557	ug/kg	557	5	03/13/19 09:25	03/14/19 20:48	7782-49-2	D3
Silver	<55.7	ug/kg	55.7	1	03/13/19 09:25	03/15/19 17:04	7440-22-4	
Zinc	263000	ug/kg	11100	20	03/13/19 09:25	03/15/19 14:01	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<228	ug/kg	228	1	03/13/19 22:30	03/14/19 10:05	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	83-32-9	
Acenaphthylene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	208-96-8	
Aniline	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	62-53-3	
Anthracene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	120-12-7	
Atrazine	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	1912-24-9	N2
Azobenzene	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	103-33-3	N2
Benidine	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	92-87-5	
Benzo(a)anthracene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	56-55-3	
Benzo(a)pyrene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	50-32-8	
Benzo(b)fluoranthene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	205-99-2	
Benzo(g,h,i)perylene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	191-24-2	
Benzo(k)fluoranthene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	207-08-9	
Benzoic acid	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	65-85-0	
Benzyl alcohol	<753	ug/kg	753	1	03/13/19 12:37	03/14/19 09:57	100-51-6	
4-Bromophenylphenyl ether	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	101-55-3	
Butylbenzylphthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	85-68-7	
Caprolactam	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	105-60-2	N2
Carbazole	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	86-74-8	
4-Chloro-3-methylphenol	<753	ug/kg	753	1	03/13/19 12:37	03/14/19 09:57	59-50-7	
bis(2-Chloroethoxy)methane	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	111-91-1	
bis(2-Chloroethyl) ether	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	111-44-4	
bis(2-Chloroisopropyl) ether	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	108-60-1	
2-Chloronaphthalene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	91-58-7	
2-Chlorophenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	95-57-8	
4-Chlorophenylphenyl ether	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	7005-72-3	
Chrysene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	218-01-9	
Dibenz(a,h)anthracene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	53-70-3	
Dibenzofuran	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	132-64-9	
3,3'-Dichlorobenzidine	<753	ug/kg	753	1	03/13/19 12:37	03/14/19 09:57	91-94-1	
2,4-Dichlorophenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	120-83-2	
Diethylphthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (5-6') Lab ID: 50218951006 Collected: 03/06/19 10:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	105-67-9	
Dimethylphthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	131-11-3	
Di-n-butylphthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	84-74-2	
4,6-Dinitro-2-methylphenol	<753	ug/kg	753	1	03/13/19 12:37	03/14/19 09:57	534-52-1	
2,4-Dinitrophenol	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	51-28-5	
2,4-Dinitrotoluene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	121-14-2	
2,6-Dinitrotoluene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	606-20-2	
Di-n-octylphthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	117-84-0	
bis(2-Ethylhexyl)phthalate	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	117-81-7	
Fluoranthene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	206-44-0	
Fluorene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	86-73-7	
Hexachlorobenzene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	118-74-1	
Hexachlorocyclopentadiene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	77-47-4	
Hexachloroethane	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	67-72-1	
Indeno(1,2,3-cd)pyrene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	193-39-5	
Isophorone	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	78-59-1	
2-Methylnaphthalene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	91-57-6	
2-Methylphenol(o-Cresol)	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	<753	ug/kg	753	1	03/13/19 12:37	03/14/19 09:57		
2-Nitroaniline	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	88-74-4	
3-Nitroaniline	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	99-09-2	
4-Nitroaniline	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	100-01-6	
Nitrobenzene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	98-95-3	
2-Nitrophenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	88-75-5	
4-Nitrophenol	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	100-02-7	
N-Nitrosodimethylamine	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	62-75-9	
N-Nitroso-di-n-propylamine	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	621-64-7	
N-Nitrosodiphenylamine	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	86-30-6	
Pentachlorophenol	<1830	ug/kg	1830	1	03/13/19 12:37	03/14/19 09:57	87-86-5	
Phenanthrene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	85-01-8	
Phenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	108-95-2	
Pyrene	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	129-00-0	
Pyridine	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	110-86-1	
2,4,5-Trichlorophenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	95-95-4	
2,4,6-Trichlorophenol	<377	ug/kg	377	1	03/13/19 12:37	03/14/19 09:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%.	29-87	1	03/13/19 12:37	03/14/19 09:57	4165-60-0	
Phenol-d5 (S)	61	%.	24-99	1	03/13/19 12:37	03/14/19 09:57	4165-62-2	
2-Fluorophenol (S)	61	%.	22-99	1	03/13/19 12:37	03/14/19 09:57	367-12-4	
2,4,6-Tribromophenol (S)	67	%.	19-117	1	03/13/19 12:37	03/14/19 09:57	118-79-6	
2-Fluorobiphenyl (S)	57	%.	29-93	1	03/13/19 12:37	03/14/19 09:57	321-60-8	
p-Terphenyl-d14 (S)	94	%.	26-127	1	03/13/19 12:37	03/14/19 09:57	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<938	ug/kg	938	1	03/15/19 21:25	67-64-1
Acrylonitrile	<938	ug/kg	938	1	03/15/19 21:25	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (5-6') **Lab ID:** 50218951006 **Collected:** 03/06/19 10:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	71-43-2	
Bromobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	108-86-1	
Bromochloromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	74-97-5	
Bromodichloromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-27-4	
Bromoform	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-25-2	
Bromomethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	74-83-9	
2-Butanone (MEK)	<234	ug/kg	234	1		03/15/19 21:25	78-93-3	
tert-Butyl Alcohol	<469	ug/kg	469	1		03/15/19 21:25	75-65-0	
n-Butylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	104-51-8	
sec-Butylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	135-98-8	
tert-Butylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	98-06-6	
Carbon disulfide	<93.8	ug/kg	93.8	1		03/15/19 21:25	75-15-0	
Carbon tetrachloride	<46.9	ug/kg	46.9	1		03/15/19 21:25	56-23-5	
Chlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	108-90-7	
Chloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-00-3	
Chloroform	<46.9	ug/kg	46.9	1		03/15/19 21:25	67-66-3	
Chloromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	74-87-3	
2-Chlorotoluene	<46.9	ug/kg	46.9	1		03/15/19 21:25	95-49-8	
1,2-Dibromo-3-chloropropane	<93.8	ug/kg	93.8	1		03/15/19 21:25	96-12-8	
Dibromochloromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	124-48-1	
1,2-Dibromoethane (EDB)	<46.9	ug/kg	46.9	1		03/15/19 21:25	106-93-4	
Dibromomethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	74-95-3	
1,2-Dichlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	95-50-1	
1,3-Dichlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	541-73-1	
1,4-Dichlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	106-46-7	
trans-1,4-Dichloro-2-butene	<938	ug/kg	938	1		03/15/19 21:25	110-57-6	
Dichlorodifluoromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-71-8	
1,1-Dichloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-34-3	
1,2-Dichloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	107-06-2	
1,1-Dichloroethene	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-35-4	
cis-1,2-Dichloroethene	<46.9	ug/kg	46.9	1		03/15/19 21:25	156-59-2	
trans-1,2-Dichloroethene	<46.9	ug/kg	46.9	1		03/15/19 21:25	156-60-5	
1,2-Dichloropropane	<46.9	ug/kg	46.9	1		03/15/19 21:25	78-87-5	L1
cis-1,3-Dichloropropene	<46.9	ug/kg	46.9	1		03/15/19 21:25	10061-01-5	
trans-1,3-Dichloropropene	<46.9	ug/kg	46.9	1		03/15/19 21:25	10061-02-6	
Diethyl ether (Ethyl ether)	<46.9	ug/kg	46.9	1		03/15/19 21:25	60-29-7	
Ethylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	100-41-4	
2-Hexanone	<938	ug/kg	938	1		03/15/19 21:25	591-78-6	
Iodomethane	<938	ug/kg	938	1		03/15/19 21:25	74-88-4	
Isopropylbenzene (Cumene)	<46.9	ug/kg	46.9	1		03/15/19 21:25	98-82-8	
p-Isopropyltoluene	<46.9	ug/kg	46.9	1		03/15/19 21:25	99-87-6	
Methylene Chloride	<188	ug/kg	188	1		03/15/19 21:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	<234	ug/kg	234	1		03/15/19 21:25	108-10-1	
Methyl-tert-butyl ether	<46.9	ug/kg	46.9	1		03/15/19 21:25	1634-04-4	L1
Naphthalene	<46.9	ug/kg	46.9	1		03/15/19 21:25	91-20-3	
n-Propylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-03 (5-6') **Lab ID:** 50218951006 **Collected:** 03/06/19 10:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<46.9	ug/kg	46.9	1		03/15/19 21:25	100-42-5	
1,1,1,2-Tetrachloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	630-20-6	
1,1,2,2-Tetrachloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	79-34-5	L1
Tetrachloroethene	<46.9	ug/kg	46.9	1		03/15/19 21:25	127-18-4	
Tetrahydrofuran	<938	ug/kg	938	1		03/15/19 21:25	109-99-9	
Toluene	<46.9	ug/kg	46.9	1		03/15/19 21:25	108-88-3	
1,2,3-Trichlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	87-61-6	
1,2,4-Trichlorobenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	120-82-1	
1,1,1-Trichloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	71-55-6	
1,1,2-Trichloroethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	79-00-5	
Trichloroethene	87.1	ug/kg	46.9	1		03/15/19 21:25	79-01-6	
Trichlorofluoromethane	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-69-4	
1,2,3-Trichloropropane	<46.9	ug/kg	46.9	1		03/15/19 21:25	96-18-4	
1,2,3-Trimethylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	526-73-8	N2
1,2,4-Trimethylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	95-63-6	
1,3,5-Trimethylbenzene	<46.9	ug/kg	46.9	1		03/15/19 21:25	108-67-8	L2
Vinyl chloride	<46.9	ug/kg	46.9	1		03/15/19 21:25	75-01-4	
Xylene (Total)	<93.8	ug/kg	93.8	1		03/15/19 21:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	92	%	85-118	1		03/15/19 21:25	1868-53-7	
Toluene-d8 (S)	104	%	71-128	1		03/15/19 21:25	2037-26-5	
4-Bromofluorobenzene (S)	103	%	56-144	1		03/15/19 21:25	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	13.5	%	0.10	1		03/15/19 10:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (4-5') Lab ID: 50218951007 Collected: 03/06/19 10:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4140	ug/kg	230	2	03/13/19 09:25	03/15/19 00:22	7440-38-2	
Barium	27700	ug/kg	230	2	03/13/19 09:25	03/15/19 00:22	7440-39-3	B
Cadmium	255	ug/kg	57.5	1	03/13/19 09:25	03/15/19 17:08	7440-43-9	
Chromium	7280	ug/kg	460	2	03/13/19 09:25	03/15/19 00:22	7440-47-3	
Copper	26200	ug/kg	115	2	03/13/19 09:25	03/15/19 00:22	7440-50-8	
Lead	25100	ug/kg	230	2	03/13/19 09:25	03/15/19 00:22	7439-92-1	N2
Selenium	393	ug/kg	230	2	03/13/19 09:25	03/15/19 00:22	7782-49-2	
Silver	<57.5	ug/kg	57.5	1	03/13/19 09:25	03/15/19 17:08	7440-22-4	
Zinc	55300	ug/kg	2880	5	03/13/19 09:25	03/14/19 20:52	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<247	ug/kg	247	1	03/13/19 22:30	03/14/19 10:14	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	83-32-9	
Acenaphthylene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	208-96-8	
Aniline	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	62-53-3	
Anthracene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	120-12-7	
Atrazine	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	1912-24-9	N2
Azobenzene	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	103-33-3	N2
Benidine	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	92-87-5	
Benzo(a)anthracene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	56-55-3	
Benzo(a)pyrene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	50-32-8	
Benzo(b)fluoranthene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	205-99-2	
Benzo(g,h,i)perylene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	191-24-2	
Benzo(k)fluoranthene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	207-08-9	
Benzoic acid	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	65-85-0	
Benzyl alcohol	<780	ug/kg	780	1	03/13/19 12:37	03/14/19 10:45	100-51-6	
4-Bromophenylphenyl ether	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	101-55-3	
Butylbenzylphthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	85-68-7	
Caprolactam	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	105-60-2	N2
Carbazole	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	86-74-8	
4-Chloro-3-methylphenol	<780	ug/kg	780	1	03/13/19 12:37	03/14/19 10:45	59-50-7	
bis(2-Chloroethoxy)methane	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	111-91-1	
bis(2-Chloroethyl) ether	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	111-44-4	
bis(2-Chloroisopropyl) ether	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	108-60-1	
2-Chloronaphthalene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	91-58-7	
2-Chlorophenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	95-57-8	
4-Chlorophenylphenyl ether	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	7005-72-3	
Chrysene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	218-01-9	
Dibenz(a,h)anthracene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	53-70-3	
Dibenzofuran	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	132-64-9	
3,3'-Dichlorobenzidine	<780	ug/kg	780	1	03/13/19 12:37	03/14/19 10:45	91-94-1	
2,4-Dichlorophenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	120-83-2	
Diethylphthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (4-5') Lab ID: 50218951007 Collected: 03/06/19 10:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	105-67-9	
Dimethylphthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	131-11-3	
Di-n-butylphthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	84-74-2	
4,6-Dinitro-2-methylphenol	<780	ug/kg	780	1	03/13/19 12:37	03/14/19 10:45	534-52-1	
2,4-Dinitrophenol	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	51-28-5	
2,4-Dinitrotoluene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	121-14-2	
2,6-Dinitrotoluene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	606-20-2	
Di-n-octylphthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	117-84-0	
bis(2-Ethylhexyl)phthalate	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	117-81-7	
Fluoranthene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	206-44-0	
Fluorene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	86-73-7	
Hexachlorobenzene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	118-74-1	
Hexachlorocyclopentadiene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	77-47-4	
Hexachloroethane	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	67-72-1	
Indeno(1,2,3-cd)pyrene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	193-39-5	
Isophorone	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	78-59-1	
2-Methylnaphthalene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	91-57-6	
2-Methylphenol(o-Cresol)	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	<780	ug/kg	780	1	03/13/19 12:37	03/14/19 10:45		
2-Nitroaniline	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	88-74-4	
3-Nitroaniline	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	99-09-2	
4-Nitroaniline	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	100-01-6	
Nitrobenzene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	98-95-3	
2-Nitrophenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	88-75-5	
4-Nitrophenol	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	100-02-7	
N-Nitrosodimethylamine	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	62-75-9	
N-Nitroso-di-n-propylamine	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	621-64-7	
N-Nitrosodiphenylamine	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	86-30-6	
Pentachlorophenol	<1890	ug/kg	1890	1	03/13/19 12:37	03/14/19 10:45	87-86-5	
Phenanthrene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	85-01-8	
Phenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	108-95-2	
Pyrene	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	129-00-0	
Pyridine	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	110-86-1	
2,4,5-Trichlorophenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	95-95-4	
2,4,6-Trichlorophenol	<390	ug/kg	390	1	03/13/19 12:37	03/14/19 10:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%.	29-87	1	03/13/19 12:37	03/14/19 10:45	4165-60-0	
Phenol-d5 (S)	59	%.	24-99	1	03/13/19 12:37	03/14/19 10:45	4165-62-2	
2-Fluorophenol (S)	56	%.	22-99	1	03/13/19 12:37	03/14/19 10:45	367-12-4	
2,4,6-Tribromophenol (S)	67	%.	19-117	1	03/13/19 12:37	03/14/19 10:45	118-79-6	
2-Fluorobiphenyl (S)	60	%.	29-93	1	03/13/19 12:37	03/14/19 10:45	321-60-8	
p-Terphenyl-d14 (S)	90	%.	26-127	1	03/13/19 12:37	03/14/19 10:45	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1030	ug/kg	1030	1		03/15/19 21:57	67-64-1	
Acrylonitrile	<1030	ug/kg	1030	1		03/15/19 21:57	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (4-5') Lab ID: 50218951007 Collected: 03/06/19 10:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	71-43-2	
Bromobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	108-86-1	
Bromochloromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	74-97-5	
Bromodichloromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-27-4	
Bromoform	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-25-2	
Bromomethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	74-83-9	
2-Butanone (MEK)	<256	ug/kg	256	1		03/15/19 21:57	78-93-3	
tert-Butyl Alcohol	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-65-0	
n-Butylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	104-51-8	
sec-Butylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	135-98-8	
tert-Butylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	98-06-6	
Carbon disulfide	<103	ug/kg	103	1		03/15/19 21:57	75-15-0	
Carbon tetrachloride	<51.3	ug/kg	51.3	1		03/15/19 21:57	56-23-5	
Chlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	108-90-7	
Chloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-00-3	
Chloroform	<51.3	ug/kg	51.3	1		03/15/19 21:57	67-66-3	
Chloromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	74-87-3	
2-Chlorotoluene	<51.3	ug/kg	51.3	1		03/15/19 21:57	95-49-8	
1,2-Dibromo-3-chloropropane	<103	ug/kg	103	1		03/15/19 21:57	96-12-8	
Dibromochloromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	124-48-1	
1,2-Dibromoethane (EDB)	<51.3	ug/kg	51.3	1		03/15/19 21:57	106-93-4	
Dibromomethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	74-95-3	
1,2-Dichlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	95-50-1	
1,3-Dichlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	541-73-1	
1,4-Dichlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	106-46-7	
trans-1,4-Dichloro-2-butene	<1030	ug/kg	1030	1		03/15/19 21:57	110-57-6	
Dichlorodifluoromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-71-8	
1,1-Dichloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-34-3	
1,2-Dichloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	107-06-2	
1,1-Dichloroethene	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-35-4	
cis-1,2-Dichloroethene	<51.3	ug/kg	51.3	1		03/15/19 21:57	156-59-2	
trans-1,2-Dichloroethene	<51.3	ug/kg	51.3	1		03/15/19 21:57	156-60-5	
1,2-Dichloropropane	<51.3	ug/kg	51.3	1		03/15/19 21:57	78-87-5	L1
cis-1,3-Dichloropropene	<51.3	ug/kg	51.3	1		03/15/19 21:57	10061-01-5	
trans-1,3-Dichloropropene	<51.3	ug/kg	51.3	1		03/15/19 21:57	10061-02-6	
Diethyl ether (Ethyl ether)	<51.3	ug/kg	51.3	1		03/15/19 21:57	60-29-7	
Ethylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	100-41-4	
2-Hexanone	<1030	ug/kg	1030	1		03/15/19 21:57	591-78-6	
Iodomethane	<1030	ug/kg	1030	1		03/15/19 21:57	74-88-4	
Isopropylbenzene (Cumene)	<51.3	ug/kg	51.3	1		03/15/19 21:57	98-82-8	
p-Isopropyltoluene	<51.3	ug/kg	51.3	1		03/15/19 21:57	99-87-6	
Methylene Chloride	<205	ug/kg	205	1		03/15/19 21:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<256	ug/kg	256	1		03/15/19 21:57	108-10-1	
Methyl-tert-butyl ether	<51.3	ug/kg	51.3	1		03/15/19 21:57	1634-04-4	L1
Naphthalene	<51.3	ug/kg	51.3	1		03/15/19 21:57	91-20-3	
n-Propylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (4-5') **Lab ID:** 50218951007 **Collected:** 03/06/19 10:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<51.3	ug/kg	51.3	1		03/15/19 21:57	100-42-5	
1,1,1,2-Tetrachloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	630-20-6	
1,1,2,2-Tetrachloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	79-34-5	L1
Tetrachloroethene	<51.3	ug/kg	51.3	1		03/15/19 21:57	127-18-4	
Tetrahydrofuran	<1030	ug/kg	1030	1		03/15/19 21:57	109-99-9	
Toluene	<51.3	ug/kg	51.3	1		03/15/19 21:57	108-88-3	
1,2,3-Trichlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	87-61-6	
1,2,4-Trichlorobenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	120-82-1	
1,1,1-Trichloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	71-55-6	
1,1,2-Trichloroethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	79-00-5	
Trichloroethene	<51.3	ug/kg	51.3	1		03/15/19 21:57	79-01-6	
Trichlorofluoromethane	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-69-4	
1,2,3-Trichloropropane	<51.3	ug/kg	51.3	1		03/15/19 21:57	96-18-4	
1,2,3-Trimethylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	526-73-8	N2
1,2,4-Trimethylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	95-63-6	
1,3,5-Trimethylbenzene	<51.3	ug/kg	51.3	1		03/15/19 21:57	108-67-8	L2
Vinyl chloride	<51.3	ug/kg	51.3	1		03/15/19 21:57	75-01-4	
Xylene (Total)	<103	ug/kg	103	1		03/15/19 21:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/15/19 21:57	1868-53-7	
Toluene-d8 (S)	104	%.	71-128	1		03/15/19 21:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/15/19 21:57	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.9	%	0.10	1		03/15/19 10:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (6-7') Lab ID: 50218951008 Collected: 03/06/19 10:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3540	ug/kg	548	5	03/13/19 09:25	03/14/19 21:00	7440-38-2	
Barium	71000	ug/kg	548	5	03/13/19 09:25	03/14/19 21:00	7440-39-3	B
Cadmium	200	ug/kg	54.8	1	03/13/19 09:25	03/15/19 17:22	7440-43-9	
Chromium	16700	ug/kg	438	2	03/13/19 09:25	03/15/19 00:33	7440-47-3	
Copper	10100	ug/kg	110	2	03/13/19 09:25	03/15/19 00:33	7440-50-8	
Lead	7850	ug/kg	110	1	03/13/19 09:25	03/15/19 17:22	7439-92-1	N2
Selenium	<548	ug/kg	548	5	03/13/19 09:25	03/14/19 21:00	7782-49-2	D3
Silver	<54.8	ug/kg	54.8	1	03/13/19 09:25	03/15/19 17:22	7440-22-4	
Zinc	35300	ug/kg	1100	2	03/13/19 09:25	03/15/19 00:33	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<234	ug/kg	234	1	03/13/19 22:30	03/14/19 10:17	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	83-32-9	
Acenaphthylene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	208-96-8	
Aniline	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	62-53-3	
Anthracene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	120-12-7	
Atrazine	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	1912-24-9	N2
Azobenzene	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	103-33-3	N2
Benidine	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	92-87-5	
Benzo(a)anthracene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	56-55-3	
Benzo(a)pyrene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	50-32-8	
Benzo(b)fluoranthene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	205-99-2	
Benzo(g,h,i)perylene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	191-24-2	
Benzo(k)fluoranthene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	207-08-9	
Benzoic acid	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	65-85-0	
Benzyl alcohol	<763	ug/kg	763	1	03/13/19 12:37	03/14/19 11:01	100-51-6	
4-Bromophenylphenyl ether	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	101-55-3	
Butylbenzylphthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	85-68-7	
Caprolactam	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	105-60-2	N2
Carbazole	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	86-74-8	
4-Chloro-3-methylphenol	<763	ug/kg	763	1	03/13/19 12:37	03/14/19 11:01	59-50-7	
bis(2-Chloroethoxy)methane	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	111-91-1	
bis(2-Chloroethyl) ether	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	111-44-4	
bis(2-Chloroisopropyl) ether	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	108-60-1	
2-Chloronaphthalene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	91-58-7	
2-Chlorophenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	95-57-8	
4-Chlorophenylphenyl ether	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	7005-72-3	
Chrysene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	218-01-9	
Dibenz(a,h)anthracene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	53-70-3	
Dibenzofuran	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	132-64-9	
3,3'-Dichlorobenzidine	<763	ug/kg	763	1	03/13/19 12:37	03/14/19 11:01	91-94-1	
2,4-Dichlorophenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	120-83-2	
Diethylphthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (6-7') Lab ID: 50218951008 Collected: 03/06/19 10:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	105-67-9	
Dimethylphthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	131-11-3	
Di-n-butylphthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	84-74-2	
4,6-Dinitro-2-methylphenol	<763	ug/kg	763	1	03/13/19 12:37	03/14/19 11:01	534-52-1	
2,4-Dinitrophenol	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	51-28-5	
2,4-Dinitrotoluene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	121-14-2	
2,6-Dinitrotoluene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	606-20-2	
Di-n-octylphthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	117-84-0	
bis(2-Ethylhexyl)phthalate	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	117-81-7	
Fluoranthene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	206-44-0	
Fluorene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	86-73-7	
Hexachlorobenzene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	118-74-1	
Hexachlorocyclopentadiene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	77-47-4	
Hexachloroethane	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	67-72-1	
Indeno(1,2,3-cd)pyrene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	193-39-5	
Isophorone	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	78-59-1	
2-Methylnaphthalene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	91-57-6	
2-Methylphenol(o-Cresol)	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	<763	ug/kg	763	1	03/13/19 12:37	03/14/19 11:01		
2-Nitroaniline	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	88-74-4	
3-Nitroaniline	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	99-09-2	
4-Nitroaniline	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	100-01-6	
Nitrobenzene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	98-95-3	
2-Nitrophenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	88-75-5	
4-Nitrophenol	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	100-02-7	
N-Nitrosodimethylamine	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	62-75-9	
N-Nitroso-di-n-propylamine	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	621-64-7	
N-Nitrosodiphenylamine	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	86-30-6	
Pentachlorophenol	<1850	ug/kg	1850	1	03/13/19 12:37	03/14/19 11:01	87-86-5	
Phenanthrene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	85-01-8	
Phenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	108-95-2	
Pyrene	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	129-00-0	
Pyridine	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	110-86-1	
2,4,5-Trichlorophenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	95-95-4	
2,4,6-Trichlorophenol	<381	ug/kg	381	1	03/13/19 12:37	03/14/19 11:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%	29-87	1	03/13/19 12:37	03/14/19 11:01	4165-60-0	
Phenol-d5 (S)	76	%	24-99	1	03/13/19 12:37	03/14/19 11:01	4165-62-2	
2-Fluorophenol (S)	78	%	22-99	1	03/13/19 12:37	03/14/19 11:01	367-12-4	
2,4,6-Tribromophenol (S)	86	%	19-117	1	03/13/19 12:37	03/14/19 11:01	118-79-6	
2-Fluorobiphenyl (S)	68	%	29-93	1	03/13/19 12:37	03/14/19 11:01	321-60-8	
p-Terphenyl-d14 (S)	111	%	26-127	1	03/13/19 12:37	03/14/19 11:01	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<910	ug/kg	910	1		03/15/19 22:30	67-64-1	
Acrylonitrile	<910	ug/kg	910	1		03/15/19 22:30	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (6-7') Lab ID: 50218951008 Collected: 03/06/19 10:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	71-43-2	
Bromobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	108-86-1	
Bromochloromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	74-97-5	
Bromodichloromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-27-4	
Bromoform	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-25-2	
Bromomethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	74-83-9	
2-Butanone (MEK)	<228	ug/kg	228	1		03/15/19 22:30	78-93-3	
tert-Butyl Alcohol	<455	ug/kg	455	1		03/15/19 22:30	75-65-0	
n-Butylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	104-51-8	
sec-Butylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	135-98-8	
tert-Butylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	98-06-6	
Carbon disulfide	<91.0	ug/kg	91.0	1		03/15/19 22:30	75-15-0	
Carbon tetrachloride	<45.5	ug/kg	45.5	1		03/15/19 22:30	56-23-5	
Chlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	108-90-7	
Chloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-00-3	
Chloroform	<45.5	ug/kg	45.5	1		03/15/19 22:30	67-66-3	
Chloromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	74-87-3	
2-Chlorotoluene	<45.5	ug/kg	45.5	1		03/15/19 22:30	95-49-8	
1,2-Dibromo-3-chloropropane	<91.0	ug/kg	91.0	1		03/15/19 22:30	96-12-8	
Dibromochloromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	124-48-1	
1,2-Dibromoethane (EDB)	<45.5	ug/kg	45.5	1		03/15/19 22:30	106-93-4	
Dibromomethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	74-95-3	
1,2-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	95-50-1	
1,3-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	541-73-1	
1,4-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	106-46-7	
trans-1,4-Dichloro-2-butene	<910	ug/kg	910	1		03/15/19 22:30	110-57-6	
Dichlorodifluoromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-71-8	
1,1-Dichloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-34-3	
1,2-Dichloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	107-06-2	
1,1-Dichloroethene	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-35-4	
cis-1,2-Dichloroethene	<45.5	ug/kg	45.5	1		03/15/19 22:30	156-59-2	
trans-1,2-Dichloroethene	<45.5	ug/kg	45.5	1		03/15/19 22:30	156-60-5	
1,2-Dichloropropane	<45.5	ug/kg	45.5	1		03/15/19 22:30	78-87-5	L1
cis-1,3-Dichloropropene	<45.5	ug/kg	45.5	1		03/15/19 22:30	10061-01-5	
trans-1,3-Dichloropropene	<45.5	ug/kg	45.5	1		03/15/19 22:30	10061-02-6	
Diethyl ether (Ethyl ether)	<45.5	ug/kg	45.5	1		03/15/19 22:30	60-29-7	
Ethylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	100-41-4	
2-Hexanone	<910	ug/kg	910	1		03/15/19 22:30	591-78-6	
Iodomethane	<910	ug/kg	910	1		03/15/19 22:30	74-88-4	
Isopropylbenzene (Cumene)	<45.5	ug/kg	45.5	1		03/15/19 22:30	98-82-8	
p-Isopropyltoluene	<45.5	ug/kg	45.5	1		03/15/19 22:30	99-87-6	
Methylene Chloride	<182	ug/kg	182	1		03/15/19 22:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	<228	ug/kg	228	1		03/15/19 22:30	108-10-1	
Methyl-tert-butyl ether	<45.5	ug/kg	45.5	1		03/15/19 22:30	1634-04-4	L1
Naphthalene	<45.5	ug/kg	45.5	1		03/15/19 22:30	91-20-3	
n-Propylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-04 (6-7') Lab ID: 50218951008 Collected: 03/06/19 10:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<45.5	ug/kg	45.5	1		03/15/19 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	630-20-6	
1,1,2,2-Tetrachloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	79-34-5	L1
Tetrachloroethene	<45.5	ug/kg	45.5	1		03/15/19 22:30	127-18-4	
Tetrahydrofuran	<910	ug/kg	910	1		03/15/19 22:30	109-99-9	
Toluene	<45.5	ug/kg	45.5	1		03/15/19 22:30	108-88-3	
1,2,3-Trichlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	87-61-6	
1,2,4-Trichlorobenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	120-82-1	
1,1,1-Trichloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	71-55-6	
1,1,2-Trichloroethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	79-00-5	
Trichloroethene	<45.5	ug/kg	45.5	1		03/15/19 22:30	79-01-6	
Trichlorofluoromethane	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-69-4	
1,2,3-Trichloropropane	<45.5	ug/kg	45.5	1		03/15/19 22:30	96-18-4	
1,2,3-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	526-73-8	N2
1,2,4-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	95-63-6	
1,3,5-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/15/19 22:30	108-67-8	L2
Vinyl chloride	<45.5	ug/kg	45.5	1		03/15/19 22:30	75-01-4	
Xylene (Total)	<91.0	ug/kg	91.0	1		03/15/19 22:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%	85-118	1		03/15/19 22:30	1868-53-7	
Toluene-d8 (S)	104	%	71-128	1		03/15/19 22:30	2037-26-5	
4-Bromofluorobenzene (S)	105	%	56-144	1		03/15/19 22:30	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	14.1	%	0.10	1		03/15/19 10:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (1-2') **Lab ID:** 50218951009 **Collected:** 03/06/19 11:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3020	ug/kg	596	5	03/13/19 09:25	03/14/19 21:03	7440-38-2	
Barium	48900	ug/kg	596	5	03/13/19 09:25	03/14/19 21:03	7440-39-3	B
Cadmium	200	ug/kg	59.6	1	03/13/19 09:25	03/15/19 17:26	7440-43-9	
Chromium	11100	ug/kg	477	2	03/13/19 09:25	03/15/19 00:37	7440-47-3	
Copper	5200	ug/kg	119	2	03/13/19 09:25	03/15/19 00:37	7440-50-8	
Lead	7420	ug/kg	119	1	03/13/19 09:25	03/15/19 17:26	7439-92-1	N2
Selenium	<596	ug/kg	596	5	03/13/19 09:25	03/14/19 21:03	7782-49-2	D3
Silver	<59.6	ug/kg	59.6	1	03/13/19 09:25	03/15/19 17:26	7440-22-4	
Zinc	25200	ug/kg	1190	2	03/13/19 09:25	03/15/19 00:37	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<230	ug/kg	230	1	03/13/19 22:30	03/14/19 10:19	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	83-32-9	
Acenaphthylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	208-96-8	
Aniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	62-53-3	
Anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	120-12-7	
Atrazine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	92-87-5	
Benzo(a)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	56-55-3	
Benzo(a)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	50-32-8	
Benzo(b)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	205-99-2	
Benzo(g,h,i)perylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	191-24-2	
Benzo(k)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	65-85-0	
Benzyl alcohol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 11:17	100-51-6	
4-Bromophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	101-55-3	
Butylbenzylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	85-68-7	
Caprolactam	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	105-60-2	N2
Carbazole	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	86-74-8	
4-Chloro-3-methylphenol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 11:17	59-50-7	
bis(2-Chloroethoxy)methane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	111-91-1	
bis(2-Chloroethyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	111-44-4	
bis(2-Chloroisopropyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	108-60-1	
2-Chloronaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	91-58-7	
2-Chlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	95-57-8	
4-Chlorophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	7005-72-3	
Chrysene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	218-01-9	
Dibenz(a,h)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	53-70-3	
Dibenzofuran	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	132-64-9	
3,3'-Dichlorobenzidine	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 11:17	91-94-1	
2,4-Dichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	120-83-2	
Diethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (1-2') **Lab ID:** 50218951009 **Collected:** 03/06/19 11:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	105-67-9	
Dimethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	131-11-3	
Di-n-butylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	84-74-2	
4,6-Dinitro-2-methylphenol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 11:17	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	51-28-5	
2,4-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	121-14-2	
2,6-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	606-20-2	
Di-n-octylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	117-84-0	
bis(2-Ethylhexyl)phthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	117-81-7	
Fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	206-44-0	
Fluorene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	86-73-7	
Hexachlorobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	118-74-1	
Hexachlorocyclopentadiene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	77-47-4	
Hexachloroethane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	67-72-1	
Indeno(1,2,3-cd)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	193-39-5	
Isophorone	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	78-59-1	
2-Methylnaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	91-57-6	
2-Methylphenol(o-Cresol)	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 11:17		
2-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	88-74-4	
3-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	99-09-2	
4-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	100-01-6	
Nitrobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	98-95-3	
2-Nitrophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	100-02-7	
N-Nitrosodimethylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	62-75-9	
N-Nitroso-di-n-propylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	621-64-7	
N-Nitrosodiphenylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 11:17	87-86-5	
Phenanthrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	85-01-8	
Phenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	108-95-2	
Pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	129-00-0	
Pyridine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	110-86-1	
2,4,5-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	95-95-4	
2,4,6-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 11:17	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	74	%	29-87	1	03/13/19 12:37	03/14/19 11:17	4165-60-0	
Phenol-d5 (S)	67	%	24-99	1	03/13/19 12:37	03/14/19 11:17	4165-62-2	
2-Fluorophenol (S)	64	%	22-99	1	03/13/19 12:37	03/14/19 11:17	367-12-4	
2,4,6-Tribromophenol (S)	67	%	19-117	1	03/13/19 12:37	03/14/19 11:17	118-79-6	
2-Fluorobiphenyl (S)	69	%	29-93	1	03/13/19 12:37	03/14/19 11:17	321-60-8	
p-Terphenyl-d14 (S)	105	%	26-127	1	03/13/19 12:37	03/14/19 11:17	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1090	ug/kg	1090	1	03/16/19 00:08	67-64-1
Acrylonitrile	<1090	ug/kg	1090	1	03/16/19 00:08	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (1-2') **Lab ID:** 50218951009 **Collected:** 03/06/19 11:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	71-43-2	
Bromobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	108-86-1	
Bromochloromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	74-97-5	
Bromodichloromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-27-4	
Bromoform	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-25-2	
Bromomethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	74-83-9	
2-Butanone (MEK)	<271	ug/kg	271	1		03/16/19 00:08	78-93-3	
tert-Butyl Alcohol	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-65-0	
n-Butylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	104-51-8	
sec-Butylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	135-98-8	
tert-Butylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	98-06-6	
Carbon disulfide	<109	ug/kg	109	1		03/16/19 00:08	75-15-0	
Carbon tetrachloride	<54.3	ug/kg	54.3	1		03/16/19 00:08	56-23-5	
Chlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	108-90-7	
Chloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-00-3	
Chloroform	<54.3	ug/kg	54.3	1		03/16/19 00:08	67-66-3	
Chloromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	74-87-3	
2-Chlorotoluene	<54.3	ug/kg	54.3	1		03/16/19 00:08	95-49-8	
1,2-Dibromo-3-chloropropane	<109	ug/kg	109	1		03/16/19 00:08	96-12-8	
Dibromochloromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	124-48-1	
1,2-Dibromoethane (EDB)	<54.3	ug/kg	54.3	1		03/16/19 00:08	106-93-4	
Dibromomethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	74-95-3	
1,2-Dichlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	95-50-1	
1,3-Dichlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	541-73-1	
1,4-Dichlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	106-46-7	
trans-1,4-Dichloro-2-butene	<1090	ug/kg	1090	1		03/16/19 00:08	110-57-6	
Dichlorodifluoromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-71-8	
1,1-Dichloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-34-3	
1,2-Dichloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	107-06-2	
1,1-Dichloroethene	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-35-4	
cis-1,2-Dichloroethene	<54.3	ug/kg	54.3	1		03/16/19 00:08	156-59-2	
trans-1,2-Dichloroethene	<54.3	ug/kg	54.3	1		03/16/19 00:08	156-60-5	
1,2-Dichloropropane	<54.3	ug/kg	54.3	1		03/16/19 00:08	78-87-5	L1
cis-1,3-Dichloropropene	<54.3	ug/kg	54.3	1		03/16/19 00:08	10061-01-5	
trans-1,3-Dichloropropene	<54.3	ug/kg	54.3	1		03/16/19 00:08	10061-02-6	
Diethyl ether (Ethyl ether)	<54.3	ug/kg	54.3	1		03/16/19 00:08	60-29-7	
Ethylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	100-41-4	
2-Hexanone	<1090	ug/kg	1090	1		03/16/19 00:08	591-78-6	
Iodomethane	<1090	ug/kg	1090	1		03/16/19 00:08	74-88-4	
Isopropylbenzene (Cumene)	<54.3	ug/kg	54.3	1		03/16/19 00:08	98-82-8	
p-Isopropyltoluene	<54.3	ug/kg	54.3	1		03/16/19 00:08	99-87-6	
Methylene Chloride	<217	ug/kg	217	1		03/16/19 00:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	<271	ug/kg	271	1		03/16/19 00:08	108-10-1	
Methyl-tert-butyl ether	<54.3	ug/kg	54.3	1		03/16/19 00:08	1634-04-4	L1
Naphthalene	<54.3	ug/kg	54.3	1		03/16/19 00:08	91-20-3	
n-Propylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (1-2') Lab ID: 50218951009 Collected: 03/06/19 11:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.3	ug/kg	54.3	1		03/16/19 00:08	100-42-5	
1,1,1,2-Tetrachloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	630-20-6	
1,1,2,2-Tetrachloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	79-34-5	L1
Tetrachloroethene	<54.3	ug/kg	54.3	1		03/16/19 00:08	127-18-4	
Tetrahydrofuran	<1090	ug/kg	1090	1		03/16/19 00:08	109-99-9	
Toluene	<54.3	ug/kg	54.3	1		03/16/19 00:08	108-88-3	
1,2,3-Trichlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	87-61-6	
1,2,4-Trichlorobenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	120-82-1	
1,1,1-Trichloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	71-55-6	
1,1,2-Trichloroethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	79-00-5	
Trichloroethene	<54.3	ug/kg	54.3	1		03/16/19 00:08	79-01-6	
Trichlorofluoromethane	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-69-4	
1,2,3-Trichloropropane	<54.3	ug/kg	54.3	1		03/16/19 00:08	96-18-4	
1,2,3-Trimethylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	526-73-8	N2
1,2,4-Trimethylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	95-63-6	
1,3,5-Trimethylbenzene	<54.3	ug/kg	54.3	1		03/16/19 00:08	108-67-8	L2
Vinyl chloride	<54.3	ug/kg	54.3	1		03/16/19 00:08	75-01-4	
Xylene (Total)	<109	ug/kg	109	1		03/16/19 00:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%.	85-118	1		03/16/19 00:08	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/16/19 00:08	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/16/19 00:08	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.9	%	0.10	1		03/15/19 10:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (3-4') **Lab ID:** 50218951010 **Collected:** 03/06/19 11:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	10500	ug/kg	2320	20	03/13/19 09:25	03/15/19 15:17	7440-38-2	
Barium	123000	ug/kg	1160	10	03/13/19 09:25	03/15/19 13:50	7440-39-3	B
Cadmium	212	ug/kg	57.9	1	03/13/19 09:25	03/15/19 17:30	7440-43-9	
Chromium	23800	ug/kg	463	2	03/13/19 09:25	03/15/19 00:41	7440-47-3	
Copper	19800	ug/kg	290	5	03/13/19 09:25	03/14/19 21:11	7440-50-8	
Lead	15600	ug/kg	116	1	03/13/19 09:25	03/15/19 17:30	7439-92-1	N2
Selenium	<2320	ug/kg	2320	20	03/13/19 09:25	03/15/19 15:17	7782-49-2	D3
Silver	<57.9	ug/kg	57.9	1	03/13/19 09:25	03/15/19 17:30	7440-22-4	
Zinc	54800	ug/kg	2900	5	03/13/19 09:25	03/14/19 21:11	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<253	ug/kg	253	1	03/13/19 22:30	03/14/19 10:22	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	83-32-9	
Acenaphthylene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	208-96-8	
Aniline	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	62-53-3	
Anthracene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	120-12-7	
Atrazine	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	1912-24-9	N2
Azobenzene	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	103-33-3	N2
Benidine	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	92-87-5	
Benzo(a)anthracene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	56-55-3	
Benzo(a)pyrene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	50-32-8	
Benzo(b)fluoranthene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	205-99-2	
Benzo(g,h,i)perylene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	191-24-2	
Benzo(k)fluoranthene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	207-08-9	
Benzoic acid	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	65-85-0	
Benzyl alcohol	<821	ug/kg	821	1	03/13/19 12:37	03/14/19 11:33	100-51-6	
4-Bromophenylphenyl ether	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	101-55-3	
Butylbenzylphthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	85-68-7	
Caprolactam	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	105-60-2	N2
Carbazole	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	86-74-8	
4-Chloro-3-methylphenol	<821	ug/kg	821	1	03/13/19 12:37	03/14/19 11:33	59-50-7	
bis(2-Chloroethoxy)methane	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	111-91-1	
bis(2-Chloroethyl) ether	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	111-44-4	
bis(2-Chloroisopropyl) ether	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	108-60-1	
2-Chloronaphthalene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	91-58-7	
2-Chlorophenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	95-57-8	
4-Chlorophenylphenyl ether	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	7005-72-3	
Chrysene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	218-01-9	
Dibenz(a,h)anthracene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	53-70-3	
Dibenzofuran	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	132-64-9	
3,3'-Dichlorobenzidine	<821	ug/kg	821	1	03/13/19 12:37	03/14/19 11:33	91-94-1	
2,4-Dichlorophenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	120-83-2	
Diethylphthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (3-4') **Lab ID:** 50218951010 **Collected:** 03/06/19 11:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	105-67-9	
Dimethylphthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	131-11-3	
Di-n-butylphthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	84-74-2	
4,6-Dinitro-2-methylphenol	<821	ug/kg	821	1	03/13/19 12:37	03/14/19 11:33	534-52-1	
2,4-Dinitrophenol	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	51-28-5	
2,4-Dinitrotoluene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	121-14-2	
2,6-Dinitrotoluene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	606-20-2	
Di-n-octylphthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	117-84-0	
bis(2-Ethylhexyl)phthalate	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	117-81-7	
Fluoranthene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	206-44-0	
Fluorene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	86-73-7	
Hexachlorobenzene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	118-74-1	
Hexachlorocyclopentadiene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	77-47-4	
Hexachloroethane	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	67-72-1	
Indeno(1,2,3-cd)pyrene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	193-39-5	
Isophorone	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	78-59-1	
2-Methylnaphthalene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	91-57-6	
2-Methylphenol(o-Cresol)	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	<821	ug/kg	821	1	03/13/19 12:37	03/14/19 11:33		
2-Nitroaniline	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	88-74-4	
3-Nitroaniline	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	99-09-2	
4-Nitroaniline	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	100-01-6	
Nitrobenzene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	98-95-3	
2-Nitrophenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	88-75-5	
4-Nitrophenol	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	100-02-7	
N-Nitrosodimethylamine	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	62-75-9	
N-Nitroso-di-n-propylamine	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	621-64-7	
N-Nitrosodiphenylamine	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	86-30-6	
Pentachlorophenol	<1990	ug/kg	1990	1	03/13/19 12:37	03/14/19 11:33	87-86-5	
Phenanthrene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	85-01-8	
Phenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	108-95-2	
Pyrene	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	129-00-0	
Pyridine	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	110-86-1	
2,4,5-Trichlorophenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	95-95-4	
2,4,6-Trichlorophenol	<410	ug/kg	410	1	03/13/19 12:37	03/14/19 11:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	64	%	29-87	1	03/13/19 12:37	03/14/19 11:33	4165-60-0	
Phenol-d5 (S)	57	%	24-99	1	03/13/19 12:37	03/14/19 11:33	4165-62-2	
2-Fluorophenol (S)	53	%	22-99	1	03/13/19 12:37	03/14/19 11:33	367-12-4	
2,4,6-Tribromophenol (S)	55	%	19-117	1	03/13/19 12:37	03/14/19 11:33	118-79-6	
2-Fluorobiphenyl (S)	62	%	29-93	1	03/13/19 12:37	03/14/19 11:33	321-60-8	
p-Terphenyl-d14 (S)	99	%	26-127	1	03/13/19 12:37	03/14/19 11:33	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1060	ug/kg	1060	1	03/16/19 00:40	67-64-1
Acrylonitrile	<1060	ug/kg	1060	1	03/16/19 00:40	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (3-4') Lab ID: 50218951010 Collected: 03/06/19 11:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	71-43-2	
Bromobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	108-86-1	
Bromochloromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	74-97-5	
Bromodichloromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-27-4	
Bromoform	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-25-2	
Bromomethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	74-83-9	
2-Butanone (MEK)	<265	ug/kg	265	1		03/16/19 00:40	78-93-3	
tert-Butyl Alcohol	<530	ug/kg	530	1		03/16/19 00:40	75-65-0	
n-Butylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	104-51-8	
sec-Butylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	135-98-8	
tert-Butylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	98-06-6	
Carbon disulfide	<106	ug/kg	106	1		03/16/19 00:40	75-15-0	
Carbon tetrachloride	<53.0	ug/kg	53.0	1		03/16/19 00:40	56-23-5	
Chlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	108-90-7	
Chloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-00-3	
Chloroform	<53.0	ug/kg	53.0	1		03/16/19 00:40	67-66-3	
Chloromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	74-87-3	
2-Chlorotoluene	<53.0	ug/kg	53.0	1		03/16/19 00:40	95-49-8	
1,2-Dibromo-3-chloropropane	<106	ug/kg	106	1		03/16/19 00:40	96-12-8	
Dibromochloromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	124-48-1	
1,2-Dibromoethane (EDB)	<53.0	ug/kg	53.0	1		03/16/19 00:40	106-93-4	
Dibromomethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	74-95-3	
1,2-Dichlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	95-50-1	
1,3-Dichlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	541-73-1	
1,4-Dichlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	106-46-7	
trans-1,4-Dichloro-2-butene	<1060	ug/kg	1060	1		03/16/19 00:40	110-57-6	
Dichlorodifluoromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-71-8	
1,1-Dichloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-34-3	
1,2-Dichloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	107-06-2	
1,1-Dichloroethene	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-35-4	
cis-1,2-Dichloroethene	<53.0	ug/kg	53.0	1		03/16/19 00:40	156-59-2	
trans-1,2-Dichloroethene	<53.0	ug/kg	53.0	1		03/16/19 00:40	156-60-5	
1,2-Dichloropropane	<53.0	ug/kg	53.0	1		03/16/19 00:40	78-87-5	L1
cis-1,3-Dichloropropene	<53.0	ug/kg	53.0	1		03/16/19 00:40	10061-01-5	
trans-1,3-Dichloropropene	<53.0	ug/kg	53.0	1		03/16/19 00:40	10061-02-6	
Diethyl ether (Ethyl ether)	<53.0	ug/kg	53.0	1		03/16/19 00:40	60-29-7	
Ethylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	100-41-4	
2-Hexanone	<1060	ug/kg	1060	1		03/16/19 00:40	591-78-6	
Iodomethane	<1060	ug/kg	1060	1		03/16/19 00:40	74-88-4	
Isopropylbenzene (Cumene)	<53.0	ug/kg	53.0	1		03/16/19 00:40	98-82-8	
p-Isopropyltoluene	<53.0	ug/kg	53.0	1		03/16/19 00:40	99-87-6	
Methylene Chloride	<212	ug/kg	212	1		03/16/19 00:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<265	ug/kg	265	1		03/16/19 00:40	108-10-1	
Methyl-tert-butyl ether	<53.0	ug/kg	53.0	1		03/16/19 00:40	1634-04-4	L1
Naphthalene	<53.0	ug/kg	53.0	1		03/16/19 00:40	91-20-3	
n-Propylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-05 (3-4') Lab ID: 50218951010 Collected: 03/06/19 11:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.0	ug/kg	53.0	1		03/16/19 00:40	100-42-5	
1,1,1,2-Tetrachloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	630-20-6	
1,1,2,2-Tetrachloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	79-34-5	L1
Tetrachloroethene	<53.0	ug/kg	53.0	1		03/16/19 00:40	127-18-4	
Tetrahydrofuran	<1060	ug/kg	1060	1		03/16/19 00:40	109-99-9	
Toluene	<53.0	ug/kg	53.0	1		03/16/19 00:40	108-88-3	
1,2,3-Trichlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	87-61-6	
1,2,4-Trichlorobenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	120-82-1	
1,1,1-Trichloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	71-55-6	
1,1,2-Trichloroethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	79-00-5	
Trichloroethene	<53.0	ug/kg	53.0	1		03/16/19 00:40	79-01-6	
Trichlorofluoromethane	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-69-4	
1,2,3-Trichloropropane	<53.0	ug/kg	53.0	1		03/16/19 00:40	96-18-4	
1,2,3-Trimethylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	526-73-8	N2
1,2,4-Trimethylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	95-63-6	
1,3,5-Trimethylbenzene	<53.0	ug/kg	53.0	1		03/16/19 00:40	108-67-8	L2
Vinyl chloride	<53.0	ug/kg	53.0	1		03/16/19 00:40	75-01-4	
Xylene (Total)	<106	ug/kg	106	1		03/16/19 00:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%	85-118	1		03/16/19 00:40	1868-53-7	
Toluene-d8 (S)	102	%	71-128	1		03/16/19 00:40	2037-26-5	
4-Bromofluorobenzene (S)	102	%	56-144	1		03/16/19 00:40	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.8	%	0.10	1		03/15/19 10:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (1-2') Lab ID: 50218951011 Collected: 03/06/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5880	ug/kg	575	5	03/13/19 09:25	03/14/19 21:22	7440-38-2	
Barium	64900	ug/kg	575	5	03/13/19 09:25	03/14/19 21:22	7440-39-3	B
Cadmium	444	ug/kg	57.5	1	03/13/19 09:25	03/15/19 17:49	7440-43-9	
Chromium	14100	ug/kg	460	2	03/13/19 09:25	03/15/19 00:52	7440-47-3	
Copper	17100	ug/kg	115	2	03/13/19 09:25	03/15/19 00:52	7440-50-8	
Lead	27100	ug/kg	230	2	03/13/19 09:25	03/15/19 00:52	7439-92-1	N2
Selenium	658	ug/kg	575	5	03/13/19 09:25	03/14/19 21:22	7782-49-2	
Silver	<57.5	ug/kg	57.5	1	03/13/19 09:25	03/15/19 17:49	7440-22-4	
Zinc	63700	ug/kg	2870	5	03/13/19 09:25	03/14/19 21:22	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<247	ug/kg	247	1	03/13/19 22:30	03/14/19 10:24	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	83-32-9	
Acenaphthylene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	208-96-8	
Aniline	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	62-53-3	
Anthracene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	120-12-7	
Atrazine	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	92-87-5	
Benzo(a)anthracene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	56-55-3	
Benzo(a)pyrene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	50-32-8	
Benzo(b)fluoranthene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	205-99-2	
Benzo(g,h,i)perylene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	191-24-2	
Benzo(k)fluoranthene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	65-85-0	
Benzyl alcohol	<806	ug/kg	806	1	03/13/19 12:37	03/14/19 11:49	100-51-6	
4-Bromophenylphenyl ether	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	101-55-3	
Butylbenzylphthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	85-68-7	
Caprolactam	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	105-60-2	N2
Carbazole	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	86-74-8	
4-Chloro-3-methylphenol	<806	ug/kg	806	1	03/13/19 12:37	03/14/19 11:49	59-50-7	
bis(2-Chloroethoxy)methane	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	111-91-1	
bis(2-Chloroethyl) ether	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	111-44-4	
bis(2-Chloroisopropyl) ether	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	108-60-1	
2-Chloronaphthalene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	91-58-7	
2-Chlorophenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	95-57-8	
4-Chlorophenylphenyl ether	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	7005-72-3	
Chrysene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	218-01-9	
Dibenz(a,h)anthracene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	53-70-3	
Dibenzofuran	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	132-64-9	
3,3'-Dichlorobenzidine	<806	ug/kg	806	1	03/13/19 12:37	03/14/19 11:49	91-94-1	
2,4-Dichlorophenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	120-83-2	
Diethylphthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (1-2') Lab ID: 50218951011 Collected: 03/06/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	105-67-9	
Dimethylphthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	131-11-3	
Di-n-butylphthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	84-74-2	
4,6-Dinitro-2-methylphenol	<806	ug/kg	806	1	03/13/19 12:37	03/14/19 11:49	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	51-28-5	
2,4-Dinitrotoluene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	121-14-2	
2,6-Dinitrotoluene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	606-20-2	
Di-n-octylphthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	117-84-0	
bis(2-Ethylhexyl)phthalate	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	117-81-7	
Fluoranthene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	206-44-0	
Fluorene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	86-73-7	
Hexachlorobenzene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	118-74-1	
Hexachlorocyclopentadiene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	77-47-4	
Hexachloroethane	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	67-72-1	
Indeno(1,2,3-cd)pyrene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	193-39-5	
Isophorone	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	78-59-1	
2-Methylnaphthalene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	91-57-6	
2-Methylphenol(o-Cresol)	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	<806	ug/kg	806	1	03/13/19 12:37	03/14/19 11:49		
2-Nitroaniline	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	88-74-4	
3-Nitroaniline	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	99-09-2	
4-Nitroaniline	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	100-01-6	
Nitrobenzene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	98-95-3	
2-Nitrophenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	100-02-7	
N-Nitrosodimethylamine	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	62-75-9	
N-Nitroso-di-n-propylamine	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	621-64-7	
N-Nitrosodiphenylamine	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 11:49	87-86-5	
Phenanthrene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	85-01-8	
Phenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	108-95-2	
Pyrene	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	129-00-0	
Pyridine	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	110-86-1	
2,4,5-Trichlorophenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	95-95-4	
2,4,6-Trichlorophenol	<403	ug/kg	403	1	03/13/19 12:37	03/14/19 11:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	29-87	1	03/13/19 12:37	03/14/19 11:49	4165-60-0	
Phenol-d5 (S)	73	%	24-99	1	03/13/19 12:37	03/14/19 11:49	4165-62-2	
2-Fluorophenol (S)	72	%	22-99	1	03/13/19 12:37	03/14/19 11:49	367-12-4	
2,4,6-Tribromophenol (S)	78	%	19-117	1	03/13/19 12:37	03/14/19 11:49	118-79-6	
2-Fluorobiphenyl (S)	65	%	29-93	1	03/13/19 12:37	03/14/19 11:49	321-60-8	
p-Terphenyl-d14 (S)	103	%	26-127	1	03/13/19 12:37	03/14/19 11:49	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1100	ug/kg	1100	1		03/16/19 01:13	67-64-1	
Acrylonitrile	<1100	ug/kg	1100	1		03/16/19 01:13	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (1-2') Lab ID: 50218951011 Collected: 03/06/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	71-43-2	
Bromobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	108-86-1	
Bromochloromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	74-97-5	
Bromodichloromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-27-4	
Bromoform	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-25-2	
Bromomethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	74-83-9	
2-Butanone (MEK)	<275	ug/kg	275	1		03/16/19 01:13	78-93-3	
tert-Butyl Alcohol	<550	ug/kg	550	1		03/16/19 01:13	75-65-0	
n-Butylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	104-51-8	
sec-Butylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	135-98-8	
tert-Butylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	98-06-6	
Carbon disulfide	<110	ug/kg	110	1		03/16/19 01:13	75-15-0	
Carbon tetrachloride	<55.0	ug/kg	55.0	1		03/16/19 01:13	56-23-5	
Chlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	108-90-7	
Chloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-00-3	
Chloroform	<55.0	ug/kg	55.0	1		03/16/19 01:13	67-66-3	
Chloromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	74-87-3	
2-Chlorotoluene	<55.0	ug/kg	55.0	1		03/16/19 01:13	95-49-8	
1,2-Dibromo-3-chloropropane	<110	ug/kg	110	1		03/16/19 01:13	96-12-8	
Dibromochloromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	124-48-1	
1,2-Dibromoethane (EDB)	<55.0	ug/kg	55.0	1		03/16/19 01:13	106-93-4	
Dibromomethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	74-95-3	
1,2-Dichlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	95-50-1	
1,3-Dichlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	541-73-1	
1,4-Dichlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	106-46-7	
trans-1,4-Dichloro-2-butene	<1100	ug/kg	1100	1		03/16/19 01:13	110-57-6	
Dichlorodifluoromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-71-8	
1,1-Dichloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-34-3	
1,2-Dichloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	107-06-2	
1,1-Dichloroethene	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-35-4	
cis-1,2-Dichloroethene	<55.0	ug/kg	55.0	1		03/16/19 01:13	156-59-2	
trans-1,2-Dichloroethene	<55.0	ug/kg	55.0	1		03/16/19 01:13	156-60-5	
1,2-Dichloropropane	<55.0	ug/kg	55.0	1		03/16/19 01:13	78-87-5	L1
cis-1,3-Dichloropropene	<55.0	ug/kg	55.0	1		03/16/19 01:13	10061-01-5	
trans-1,3-Dichloropropene	<55.0	ug/kg	55.0	1		03/16/19 01:13	10061-02-6	
Diethyl ether (Ethyl ether)	<55.0	ug/kg	55.0	1		03/16/19 01:13	60-29-7	
Ethylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	100-41-4	
2-Hexanone	<1100	ug/kg	1100	1		03/16/19 01:13	591-78-6	
Iodomethane	<1100	ug/kg	1100	1		03/16/19 01:13	74-88-4	
Isopropylbenzene (Cumene)	<55.0	ug/kg	55.0	1		03/16/19 01:13	98-82-8	
p-Isopropyltoluene	<55.0	ug/kg	55.0	1		03/16/19 01:13	99-87-6	
Methylene Chloride	<220	ug/kg	220	1		03/16/19 01:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	<275	ug/kg	275	1		03/16/19 01:13	108-10-1	
Methyl-tert-butyl ether	<55.0	ug/kg	55.0	1		03/16/19 01:13	1634-04-4	L1
Naphthalene	<55.0	ug/kg	55.0	1		03/16/19 01:13	91-20-3	
n-Propylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (1-2') Lab ID: 50218951011 Collected: 03/06/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<55.0	ug/kg	55.0	1		03/16/19 01:13	100-42-5	
1,1,1,2-Tetrachloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	630-20-6	
1,1,2,2-Tetrachloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	79-34-5	L1
Tetrachloroethene	<55.0	ug/kg	55.0	1		03/16/19 01:13	127-18-4	
Tetrahydrofuran	<1100	ug/kg	1100	1		03/16/19 01:13	109-99-9	
Toluene	<55.0	ug/kg	55.0	1		03/16/19 01:13	108-88-3	
1,2,3-Trichlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	87-61-6	
1,2,4-Trichlorobenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	120-82-1	
1,1,1-Trichloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	71-55-6	
1,1,2-Trichloroethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	79-00-5	
Trichloroethene	<55.0	ug/kg	55.0	1		03/16/19 01:13	79-01-6	
Trichlorofluoromethane	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-69-4	
1,2,3-Trichloropropane	<55.0	ug/kg	55.0	1		03/16/19 01:13	96-18-4	
1,2,3-Trimethylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	526-73-8	N2
1,2,4-Trimethylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	95-63-6	
1,3,5-Trimethylbenzene	<55.0	ug/kg	55.0	1		03/16/19 01:13	108-67-8	L2
Vinyl chloride	<55.0	ug/kg	55.0	1		03/16/19 01:13	75-01-4	
Xylene (Total)	<110	ug/kg	110	1		03/16/19 01:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	92	%	85-118	1		03/16/19 01:13	1868-53-7	
Toluene-d8 (S)	103	%	71-128	1		03/16/19 01:13	2037-26-5	
4-Bromofluorobenzene (S)	104	%	56-144	1		03/16/19 01:13	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.4	%	0.10	1		03/15/19 10:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (9-10') **Lab ID:** 50218951012 **Collected:** 03/06/19 12:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6320	ug/kg	590	5	03/13/19 09:25	03/14/19 21:26	7440-38-2	
Barium	110000	ug/kg	590	5	03/13/19 09:25	03/14/19 21:26	7440-39-3	B
Cadmium	192	ug/kg	59.0	1	03/13/19 09:25	03/15/19 17:52	7440-43-9	
Chromium	21900	ug/kg	472	2	03/13/19 09:25	03/15/19 00:55	7440-47-3	
Copper	17500	ug/kg	118	2	03/13/19 09:25	03/15/19 00:55	7440-50-8	
Lead	12100	ug/kg	118	1	03/13/19 09:25	03/15/19 17:52	7439-92-1	N2
Selenium	<590	ug/kg	590	5	03/13/19 09:25	03/14/19 21:26	7782-49-2	D3
Silver	<59.0	ug/kg	59.0	1	03/13/19 09:25	03/15/19 17:52	7440-22-4	
Zinc	44700	ug/kg	1180	2	03/13/19 09:25	03/15/19 00:55	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<246	ug/kg	246	1	03/13/19 22:30	03/14/19 10:27	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	83-32-9	
Acenaphthylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	208-96-8	
Aniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	62-53-3	
Anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	120-12-7	
Atrazine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	92-87-5	
Benzo(a)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	56-55-3	
Benzo(a)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	50-32-8	
Benzo(b)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	205-99-2	
Benzo(g,h,i)perylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	191-24-2	
Benzo(k)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	65-85-0	
Benzyl alcohol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 12:05	100-51-6	
4-Bromophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	101-55-3	
Butylbenzylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	85-68-7	
Caprolactam	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	105-60-2	N2
Carbazole	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	86-74-8	
4-Chloro-3-methylphenol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 12:05	59-50-7	
bis(2-Chloroethoxy)methane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	111-91-1	
bis(2-Chloroethyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	111-44-4	
bis(2-Chloroisopropyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	108-60-1	
2-Chloronaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	91-58-7	
2-Chlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	95-57-8	
4-Chlorophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	7005-72-3	
Chrysene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	218-01-9	
Dibenz(a,h)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	53-70-3	
Dibenzofuran	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	132-64-9	
3,3'-Dichlorobenzidine	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 12:05	91-94-1	
2,4-Dichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	120-83-2	
Diethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (9-10') **Lab ID:** 50218951012 **Collected:** 03/06/19 12:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	105-67-9	
Dimethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	131-11-3	
Di-n-butylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	84-74-2	
4,6-Dinitro-2-methylphenol	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 12:05	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	51-28-5	
2,4-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	121-14-2	
2,6-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	606-20-2	
Di-n-octylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	117-84-0	
bis(2-Ethylhexyl)phthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	117-81-7	
Fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	206-44-0	
Fluorene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	86-73-7	
Hexachlorobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	118-74-1	
Hexachlorocyclopentadiene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	77-47-4	
Hexachloroethane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	67-72-1	
Indeno(1,2,3-cd)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	193-39-5	
Isophorone	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	78-59-1	
2-Methylnaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	91-57-6	
2-Methylphenol(o-Cresol)	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	<789	ug/kg	789	1	03/13/19 12:37	03/14/19 12:05		
2-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	88-74-4	
3-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	99-09-2	
4-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	100-01-6	
Nitrobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	98-95-3	
2-Nitrophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	100-02-7	
N-Nitrosodimethylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	62-75-9	
N-Nitroso-di-n-propylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	621-64-7	
N-Nitrosodiphenylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:05	87-86-5	
Phenanthrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	85-01-8	
Phenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	108-95-2	
Pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	129-00-0	
Pyridine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	110-86-1	
2,4,5-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	95-95-4	
2,4,6-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%.	29-87	1	03/13/19 12:37	03/14/19 12:05	4165-60-0	
Phenol-d5 (S)	84	%.	24-99	1	03/13/19 12:37	03/14/19 12:05	4165-62-2	
2-Fluorophenol (S)	87	%.	22-99	1	03/13/19 12:37	03/14/19 12:05	367-12-4	
2,4,6-Tribromophenol (S)	84	%.	19-117	1	03/13/19 12:37	03/14/19 12:05	118-79-6	
2-Fluorobiphenyl (S)	71	%.	29-93	1	03/13/19 12:37	03/14/19 12:05	321-60-8	
p-Terphenyl-d14 (S)	112	%.	26-127	1	03/13/19 12:37	03/14/19 12:05	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1200	ug/kg	1200	1		03/16/19 01:46	67-64-1	
Acrylonitrile	<1200	ug/kg	1200	1		03/16/19 01:46	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (9-10') Lab ID: 50218951012 Collected: 03/06/19 12:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	71-43-2	
Bromobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	108-86-1	
Bromochloromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	74-97-5	
Bromodichloromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-27-4	
Bromoform	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-25-2	
Bromomethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	74-83-9	
2-Butanone (MEK)	<300	ug/kg	300	1		03/16/19 01:46	78-93-3	
tert-Butyl Alcohol	<601	ug/kg	601	1		03/16/19 01:46	75-65-0	
n-Butylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	104-51-8	
sec-Butylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	135-98-8	
tert-Butylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	98-06-6	
Carbon disulfide	<120	ug/kg	120	1		03/16/19 01:46	75-15-0	
Carbon tetrachloride	<60.1	ug/kg	60.1	1		03/16/19 01:46	56-23-5	
Chlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	108-90-7	
Chloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-00-3	
Chloroform	<60.1	ug/kg	60.1	1		03/16/19 01:46	67-66-3	
Chloromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	74-87-3	
2-Chlorotoluene	<60.1	ug/kg	60.1	1		03/16/19 01:46	95-49-8	
1,2-Dibromo-3-chloropropane	<120	ug/kg	120	1		03/16/19 01:46	96-12-8	
Dibromochloromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	124-48-1	
1,2-Dibromoethane (EDB)	<60.1	ug/kg	60.1	1		03/16/19 01:46	106-93-4	
Dibromomethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	74-95-3	
1,2-Dichlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	95-50-1	
1,3-Dichlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	541-73-1	
1,4-Dichlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	106-46-7	
trans-1,4-Dichloro-2-butene	<1200	ug/kg	1200	1		03/16/19 01:46	110-57-6	
Dichlorodifluoromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-71-8	
1,1-Dichloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-34-3	
1,2-Dichloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	107-06-2	
1,1-Dichloroethene	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-35-4	
cis-1,2-Dichloroethene	<60.1	ug/kg	60.1	1		03/16/19 01:46	156-59-2	
trans-1,2-Dichloroethene	<60.1	ug/kg	60.1	1		03/16/19 01:46	156-60-5	
1,2-Dichloropropane	<60.1	ug/kg	60.1	1		03/16/19 01:46	78-87-5	L1
cis-1,3-Dichloropropene	<60.1	ug/kg	60.1	1		03/16/19 01:46	10061-01-5	
trans-1,3-Dichloropropene	<60.1	ug/kg	60.1	1		03/16/19 01:46	10061-02-6	
Diethyl ether (Ethyl ether)	<60.1	ug/kg	60.1	1		03/16/19 01:46	60-29-7	
Ethylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	100-41-4	
2-Hexanone	<1200	ug/kg	1200	1		03/16/19 01:46	591-78-6	
Iodomethane	<1200	ug/kg	1200	1		03/16/19 01:46	74-88-4	
Isopropylbenzene (Cumene)	<60.1	ug/kg	60.1	1		03/16/19 01:46	98-82-8	
p-Isopropyltoluene	<60.1	ug/kg	60.1	1		03/16/19 01:46	99-87-6	
Methylene Chloride	<240	ug/kg	240	1		03/16/19 01:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	<300	ug/kg	300	1		03/16/19 01:46	108-10-1	
Methyl-tert-butyl ether	<60.1	ug/kg	60.1	1		03/16/19 01:46	1634-04-4	L1
Naphthalene	<60.1	ug/kg	60.1	1		03/16/19 01:46	91-20-3	
n-Propylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-06 (9-10') Lab ID: 50218951012 Collected: 03/06/19 12:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<60.1	ug/kg	60.1	1		03/16/19 01:46	100-42-5	
1,1,1,2-Tetrachloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	630-20-6	
1,1,2,2-Tetrachloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	79-34-5	L1
Tetrachloroethene	<60.1	ug/kg	60.1	1		03/16/19 01:46	127-18-4	
Tetrahydrofuran	<1200	ug/kg	1200	1		03/16/19 01:46	109-99-9	
Toluene	<60.1	ug/kg	60.1	1		03/16/19 01:46	108-88-3	
1,2,3-Trichlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	87-61-6	
1,2,4-Trichlorobenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	120-82-1	
1,1,1-Trichloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	71-55-6	
1,1,2-Trichloroethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	79-00-5	
Trichloroethene	<60.1	ug/kg	60.1	1		03/16/19 01:46	79-01-6	
Trichlorofluoromethane	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-69-4	
1,2,3-Trichloropropane	<60.1	ug/kg	60.1	1		03/16/19 01:46	96-18-4	
1,2,3-Trimethylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	526-73-8	N2
1,2,4-Trimethylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	95-63-6	
1,3,5-Trimethylbenzene	<60.1	ug/kg	60.1	1		03/16/19 01:46	108-67-8	L2
Vinyl chloride	<60.1	ug/kg	60.1	1		03/16/19 01:46	75-01-4	
Xylene (Total)	<120	ug/kg	120	1		03/16/19 01:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	85-118	1		03/16/19 01:46	1868-53-7	
Toluene-d8 (S)	105	%.	71-128	1		03/16/19 01:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/16/19 01:46	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.5	%	0.10	1		03/15/19 10:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (2-3') **Lab ID:** 50218951013 **Collected:** 03/06/19 13:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	<10500	ug/kg	10500	100	03/13/19 09:25	03/15/19 14:11	7440-38-2	D3
Barium	559000	ug/kg	5230	50	03/13/19 09:25	03/15/19 13:54	7440-39-3	B
Cadmium	55600	ug/kg	262	5	03/13/19 09:25	03/14/19 21:37	7440-43-9	
Chromium	27600	ug/kg	1050	5	03/13/19 09:25	03/14/19 21:37	7440-47-3	
Copper	756000	ug/kg	2620	50	03/13/19 09:25	03/15/19 13:54	7440-50-8	
Lead	482000	ug/kg	5230	50	03/13/19 09:25	03/15/19 13:54	7439-92-1	N2
Selenium	<10500	ug/kg	10500	100	03/13/19 09:25	03/15/19 14:11	7782-49-2	D3
Silver	4490	ug/kg	52.3	1	03/13/19 09:25	03/15/19 18:07	7440-22-4	
Zinc	471000	ug/kg	26200	50	03/13/19 09:25	03/15/19 13:54	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<235	ug/kg	235	1	03/13/19 22:30	03/14/19 10:29	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	83-32-9	
Acenaphthylene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	208-96-8	
Aniline	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	62-53-3	
Anthracene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	120-12-7	
Atrazine	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	1912-24-9	N2
Azobenzene	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	103-33-3	N2
Benidine	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	92-87-5	
Benzo(a)anthracene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	56-55-3	
Benzo(a)pyrene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	50-32-8	
Benzo(b)fluoranthene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	205-99-2	
Benzo(g,h,i)perylene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	191-24-2	
Benzo(k)fluoranthene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	207-08-9	
Benzoic acid	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	65-85-0	
Benzyl alcohol	<733	ug/kg	733	1	03/13/19 12:37	03/14/19 12:21	100-51-6	
4-Bromophenylphenyl ether	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	101-55-3	
Butylbenzylphthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	85-68-7	
Caprolactam	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	105-60-2	N2
Carbazole	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	86-74-8	
4-Chloro-3-methylphenol	<733	ug/kg	733	1	03/13/19 12:37	03/14/19 12:21	59-50-7	
bis(2-Chloroethoxy)methane	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	111-91-1	
bis(2-Chloroethyl) ether	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	111-44-4	
bis(2-Chloroisopropyl) ether	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	108-60-1	
2-Chloronaphthalene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	91-58-7	
2-Chlorophenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	95-57-8	
4-Chlorophenylphenyl ether	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	7005-72-3	
Chrysene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	218-01-9	
Dibenz(a,h)anthracene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	53-70-3	
Dibenzofuran	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	132-64-9	
3,3'-Dichlorobenzidine	<733	ug/kg	733	1	03/13/19 12:37	03/14/19 12:21	91-94-1	
2,4-Dichlorophenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	120-83-2	
Diethylphthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (2-3') Lab ID: 50218951013 Collected: 03/06/19 13:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	105-67-9	
Dimethylphthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	131-11-3	
Di-n-butylphthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	84-74-2	
4,6-Dinitro-2-methylphenol	<733	ug/kg	733	1	03/13/19 12:37	03/14/19 12:21	534-52-1	
2,4-Dinitrophenol	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	51-28-5	
2,4-Dinitrotoluene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	121-14-2	
2,6-Dinitrotoluene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	606-20-2	
Di-n-octylphthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	117-84-0	
bis(2-Ethylhexyl)phthalate	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	117-81-7	
Fluoranthene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	206-44-0	
Fluorene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	86-73-7	
Hexachlorobenzene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	118-74-1	
Hexachlorocyclopentadiene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	77-47-4	
Hexachloroethane	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	67-72-1	
Indeno(1,2,3-cd)pyrene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	193-39-5	
Isophorone	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	78-59-1	
2-Methylnaphthalene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	91-57-6	
2-Methylphenol(o-Cresol)	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	<733	ug/kg	733	1	03/13/19 12:37	03/14/19 12:21		
2-Nitroaniline	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	88-74-4	
3-Nitroaniline	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	99-09-2	
4-Nitroaniline	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	100-01-6	
Nitrobenzene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	98-95-3	
2-Nitrophenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	88-75-5	
4-Nitrophenol	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	100-02-7	
N-Nitrosodimethylamine	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	62-75-9	
N-Nitroso-di-n-propylamine	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	621-64-7	
N-Nitrosodiphenylamine	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	86-30-6	
Pentachlorophenol	<1780	ug/kg	1780	1	03/13/19 12:37	03/14/19 12:21	87-86-5	
Phenanthrene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	85-01-8	
Phenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	108-95-2	
Pyrene	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	129-00-0	
Pyridine	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	110-86-1	
2,4,5-Trichlorophenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	95-95-4	
2,4,6-Trichlorophenol	<367	ug/kg	367	1	03/13/19 12:37	03/14/19 12:21	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%.	29-87	1	03/13/19 12:37	03/14/19 12:21	4165-60-0	
Phenol-d5 (S)	71	%.	24-99	1	03/13/19 12:37	03/14/19 12:21	4165-62-2	
2-Fluorophenol (S)	74	%.	22-99	1	03/13/19 12:37	03/14/19 12:21	367-12-4	
2,4,6-Tribromophenol (S)	77	%.	19-117	1	03/13/19 12:37	03/14/19 12:21	118-79-6	
2-Fluorobiphenyl (S)	65	%.	29-93	1	03/13/19 12:37	03/14/19 12:21	321-60-8	
p-Terphenyl-d14 (S)	101	%.	26-127	1	03/13/19 12:37	03/14/19 12:21	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<889	ug/kg	889	1	03/16/19 02:18	67-64-1
Acrylonitrile	<889	ug/kg	889	1	03/16/19 02:18	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (2-3') **Lab ID:** 50218951013 **Collected:** 03/06/19 13:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	71-43-2	
Bromobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	108-86-1	
Bromochloromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	74-97-5	
Bromodichloromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-27-4	
Bromoform	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-25-2	
Bromomethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	74-83-9	
2-Butanone (MEK)	<222	ug/kg	222	1		03/16/19 02:18	78-93-3	
tert-Butyl Alcohol	<445	ug/kg	445	1		03/16/19 02:18	75-65-0	
n-Butylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	104-51-8	
sec-Butylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	135-98-8	
tert-Butylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	98-06-6	
Carbon disulfide	<88.9	ug/kg	88.9	1		03/16/19 02:18	75-15-0	
Carbon tetrachloride	<44.5	ug/kg	44.5	1		03/16/19 02:18	56-23-5	
Chlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	108-90-7	
Chloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-00-3	
Chloroform	<44.5	ug/kg	44.5	1		03/16/19 02:18	67-66-3	
Chloromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	74-87-3	
2-Chlorotoluene	<44.5	ug/kg	44.5	1		03/16/19 02:18	95-49-8	
1,2-Dibromo-3-chloropropane	<88.9	ug/kg	88.9	1		03/16/19 02:18	96-12-8	
Dibromochloromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	124-48-1	
1,2-Dibromoethane (EDB)	<44.5	ug/kg	44.5	1		03/16/19 02:18	106-93-4	
Dibromomethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	74-95-3	
1,2-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	95-50-1	
1,3-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	541-73-1	
1,4-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	106-46-7	
trans-1,4-Dichloro-2-butene	<889	ug/kg	889	1		03/16/19 02:18	110-57-6	
Dichlorodifluoromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-71-8	
1,1-Dichloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-34-3	
1,2-Dichloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	107-06-2	
1,1-Dichloroethene	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-35-4	
cis-1,2-Dichloroethene	<44.5	ug/kg	44.5	1		03/16/19 02:18	156-59-2	
trans-1,2-Dichloroethene	<44.5	ug/kg	44.5	1		03/16/19 02:18	156-60-5	
1,2-Dichloropropane	<44.5	ug/kg	44.5	1		03/16/19 02:18	78-87-5	L1
cis-1,3-Dichloropropene	<44.5	ug/kg	44.5	1		03/16/19 02:18	10061-01-5	
trans-1,3-Dichloropropene	<44.5	ug/kg	44.5	1		03/16/19 02:18	10061-02-6	
Diethyl ether (Ethyl ether)	<44.5	ug/kg	44.5	1		03/16/19 02:18	60-29-7	
Ethylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	100-41-4	
2-Hexanone	<889	ug/kg	889	1		03/16/19 02:18	591-78-6	
Iodomethane	<889	ug/kg	889	1		03/16/19 02:18	74-88-4	
Isopropylbenzene (Cumene)	<44.5	ug/kg	44.5	1		03/16/19 02:18	98-82-8	
p-Isopropyltoluene	<44.5	ug/kg	44.5	1		03/16/19 02:18	99-87-6	
Methylene Chloride	<178	ug/kg	178	1		03/16/19 02:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	<222	ug/kg	222	1		03/16/19 02:18	108-10-1	
Methyl-tert-butyl ether	<44.5	ug/kg	44.5	1		03/16/19 02:18	1634-04-4	L1
Naphthalene	<44.5	ug/kg	44.5	1		03/16/19 02:18	91-20-3	
n-Propylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (2-3') Lab ID: 50218951013 Collected: 03/06/19 13:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<44.5	ug/kg	44.5	1		03/16/19 02:18	100-42-5	
1,1,1,2-Tetrachloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	630-20-6	
1,1,2,2-Tetrachloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	79-34-5	L1
Tetrachloroethene	<44.5	ug/kg	44.5	1		03/16/19 02:18	127-18-4	
Tetrahydrofuran	<889	ug/kg	889	1		03/16/19 02:18	109-99-9	
Toluene	<44.5	ug/kg	44.5	1		03/16/19 02:18	108-88-3	
1,2,3-Trichlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	87-61-6	
1,2,4-Trichlorobenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	120-82-1	
1,1,1-Trichloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	71-55-6	
1,1,2-Trichloroethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	79-00-5	
Trichloroethene	<44.5	ug/kg	44.5	1		03/16/19 02:18	79-01-6	
Trichlorofluoromethane	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-69-4	
1,2,3-Trichloropropane	<44.5	ug/kg	44.5	1		03/16/19 02:18	96-18-4	
1,2,3-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	526-73-8	N2
1,2,4-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	95-63-6	
1,3,5-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/16/19 02:18	108-67-8	L2
Vinyl chloride	<44.5	ug/kg	44.5	1		03/16/19 02:18	75-01-4	
Xylene (Total)	<88.9	ug/kg	88.9	1		03/16/19 02:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%	85-118	1		03/16/19 02:18	1868-53-7	
Toluene-d8 (S)	105	%	71-128	1		03/16/19 02:18	2037-26-5	
4-Bromofluorobenzene (S)	104	%	56-144	1		03/16/19 02:18	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	10.6	%	0.10	1		03/15/19 10:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (5-6') Lab ID: 50218951014 Collected: 03/06/19 13:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1910	ug/kg	588	5	03/13/19 09:25	03/14/19 21:33	7440-38-2	
Barium	72000	ug/kg	588	5	03/13/19 09:25	03/14/19 21:33	7440-39-3	B
Cadmium	116	ug/kg	58.8	1	03/13/19 09:25	03/15/19 17:56	7440-43-9	
Chromium	17200	ug/kg	470	2	03/13/19 09:25	03/15/19 00:59	7440-47-3	
Copper	7220	ug/kg	118	2	03/13/19 09:25	03/15/19 00:59	7440-50-8	
Lead	7990	ug/kg	118	1	03/13/19 09:25	03/15/19 17:56	7439-92-1	N2
Selenium	<588	ug/kg	588	5	03/13/19 09:25	03/14/19 21:33	7782-49-2	D3
Silver	<58.8	ug/kg	58.8	1	03/13/19 09:25	03/15/19 17:56	7440-22-4	
Zinc	35700	ug/kg	1180	2	03/13/19 09:25	03/15/19 00:59	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<230	ug/kg	230	1	03/13/19 22:30	03/14/19 10:32	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	83-32-9	
Acenaphthylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	208-96-8	
Aniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	62-53-3	
Anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	120-12-7	
Atrazine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	1912-24-9	N2
Azobenzene	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	103-33-3	N2
Benidine	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	92-87-5	
Benzo(a)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	56-55-3	
Benzo(a)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	50-32-8	
Benzo(b)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	205-99-2	
Benzo(g,h,i)perylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	191-24-2	
Benzo(k)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	207-08-9	
Benzoic acid	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	65-85-0	
Benzyl alcohol	<791	ug/kg	791	1	03/13/19 12:37	03/14/19 12:37	100-51-6	
4-Bromophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	101-55-3	
Butylbenzylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	85-68-7	
Caprolactam	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	105-60-2	N2
Carbazole	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	86-74-8	
4-Chloro-3-methylphenol	<791	ug/kg	791	1	03/13/19 12:37	03/14/19 12:37	59-50-7	
bis(2-Chloroethoxy)methane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	111-91-1	
bis(2-Chloroethyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	111-44-4	
bis(2-Chloroisopropyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	108-60-1	
2-Chloronaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	91-58-7	
2-Chlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	95-57-8	
4-Chlorophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	7005-72-3	
Chrysene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	218-01-9	
Dibenz(a,h)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	53-70-3	
Dibenzofuran	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	132-64-9	
3,3'-Dichlorobenzidine	<791	ug/kg	791	1	03/13/19 12:37	03/14/19 12:37	91-94-1	
2,4-Dichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	120-83-2	
Diethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (5-6') Lab ID: 50218951014 Collected: 03/06/19 13:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	105-67-9	
Dimethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	131-11-3	
Di-n-butylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	84-74-2	
4,6-Dinitro-2-methylphenol	<791	ug/kg	791	1	03/13/19 12:37	03/14/19 12:37	534-52-1	
2,4-Dinitrophenol	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	51-28-5	
2,4-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	121-14-2	
2,6-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	606-20-2	
Di-n-octylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	117-84-0	
bis(2-Ethylhexyl)phthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	117-81-7	
Fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	206-44-0	
Fluorene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	86-73-7	
Hexachlorobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	118-74-1	
Hexachlorocyclopentadiene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	77-47-4	
Hexachloroethane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	67-72-1	
Indeno(1,2,3-cd)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	193-39-5	
Isophorone	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	78-59-1	
2-Methylnaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	91-57-6	
2-Methylphenol(o-Cresol)	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	<791	ug/kg	791	1	03/13/19 12:37	03/14/19 12:37		
2-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	88-74-4	
3-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	99-09-2	
4-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	100-01-6	
Nitrobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	98-95-3	
2-Nitrophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	88-75-5	
4-Nitrophenol	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	100-02-7	
N-Nitrosodimethylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	62-75-9	
N-Nitroso-di-n-propylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	621-64-7	
N-Nitrosodiphenylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	86-30-6	
Pentachlorophenol	<1920	ug/kg	1920	1	03/13/19 12:37	03/14/19 12:37	87-86-5	
Phenanthrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	85-01-8	
Phenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	108-95-2	
Pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	129-00-0	
Pyridine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	110-86-1	
2,4,5-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	95-95-4	
2,4,6-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 12:37	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	62	%	29-87	1	03/13/19 12:37	03/14/19 12:37	4165-60-0	
Phenol-d5 (S)	65	%	24-99	1	03/13/19 12:37	03/14/19 12:37	4165-62-2	
2-Fluorophenol (S)	68	%	22-99	1	03/13/19 12:37	03/14/19 12:37	367-12-4	
2,4,6-Tribromophenol (S)	71	%	19-117	1	03/13/19 12:37	03/14/19 12:37	118-79-6	
2-Fluorobiphenyl (S)	62	%	29-93	1	03/13/19 12:37	03/14/19 12:37	321-60-8	
p-Terphenyl-d14 (S)	94	%	26-127	1	03/13/19 12:37	03/14/19 12:37	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<977	ug/kg	977	1	03/16/19 02:51	67-64-1
Acrylonitrile	<977	ug/kg	977	1	03/16/19 02:51	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (5-6') Lab ID: 50218951014 Collected: 03/06/19 13:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	71-43-2	
Bromobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	108-86-1	
Bromochloromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	74-97-5	
Bromodichloromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-27-4	
Bromoform	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-25-2	
Bromomethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	74-83-9	
2-Butanone (MEK)	<244	ug/kg	244	1		03/16/19 02:51	78-93-3	
tert-Butyl Alcohol	<488	ug/kg	488	1		03/16/19 02:51	75-65-0	
n-Butylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	104-51-8	
sec-Butylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	135-98-8	
tert-Butylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	98-06-6	
Carbon disulfide	<97.7	ug/kg	97.7	1		03/16/19 02:51	75-15-0	
Carbon tetrachloride	<48.8	ug/kg	48.8	1		03/16/19 02:51	56-23-5	
Chlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	108-90-7	
Chloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-00-3	
Chloroform	<48.8	ug/kg	48.8	1		03/16/19 02:51	67-66-3	
Chloromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	74-87-3	
2-Chlorotoluene	<48.8	ug/kg	48.8	1		03/16/19 02:51	95-49-8	
1,2-Dibromo-3-chloropropane	<97.7	ug/kg	97.7	1		03/16/19 02:51	96-12-8	
Dibromochloromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	124-48-1	
1,2-Dibromoethane (EDB)	<48.8	ug/kg	48.8	1		03/16/19 02:51	106-93-4	
Dibromomethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	74-95-3	
1,2-Dichlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	95-50-1	
1,3-Dichlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	541-73-1	
1,4-Dichlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	106-46-7	
trans-1,4-Dichloro-2-butene	<977	ug/kg	977	1		03/16/19 02:51	110-57-6	
Dichlorodifluoromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-71-8	
1,1-Dichloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-34-3	
1,2-Dichloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	107-06-2	
1,1-Dichloroethene	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-35-4	
cis-1,2-Dichloroethene	<48.8	ug/kg	48.8	1		03/16/19 02:51	156-59-2	
trans-1,2-Dichloroethene	<48.8	ug/kg	48.8	1		03/16/19 02:51	156-60-5	
1,2-Dichloropropane	<48.8	ug/kg	48.8	1		03/16/19 02:51	78-87-5	L1
cis-1,3-Dichloropropene	<48.8	ug/kg	48.8	1		03/16/19 02:51	10061-01-5	
trans-1,3-Dichloropropene	<48.8	ug/kg	48.8	1		03/16/19 02:51	10061-02-6	
Diethyl ether (Ethyl ether)	<48.8	ug/kg	48.8	1		03/16/19 02:51	60-29-7	
Ethylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	100-41-4	
2-Hexanone	<977	ug/kg	977	1		03/16/19 02:51	591-78-6	
Iodomethane	<977	ug/kg	977	1		03/16/19 02:51	74-88-4	
Isopropylbenzene (Cumene)	<48.8	ug/kg	48.8	1		03/16/19 02:51	98-82-8	
p-Isopropyltoluene	<48.8	ug/kg	48.8	1		03/16/19 02:51	99-87-6	
Methylene Chloride	<195	ug/kg	195	1		03/16/19 02:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	<244	ug/kg	244	1		03/16/19 02:51	108-10-1	
Methyl-tert-butyl ether	<48.8	ug/kg	48.8	1		03/16/19 02:51	1634-04-4	L1
Naphthalene	<48.8	ug/kg	48.8	1		03/16/19 02:51	91-20-3	
n-Propylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-07 (5-6') Lab ID: 50218951014 Collected: 03/06/19 13:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.8	ug/kg	48.8	1		03/16/19 02:51	100-42-5	
1,1,1,2-Tetrachloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	630-20-6	
1,1,2,2-Tetrachloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	79-34-5	L1
Tetrachloroethene	<48.8	ug/kg	48.8	1		03/16/19 02:51	127-18-4	
Tetrahydrofuran	<977	ug/kg	977	1		03/16/19 02:51	109-99-9	
Toluene	<48.8	ug/kg	48.8	1		03/16/19 02:51	108-88-3	
1,2,3-Trichlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	87-61-6	
1,2,4-Trichlorobenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	120-82-1	
1,1,1-Trichloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	71-55-6	
1,1,2-Trichloroethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	79-00-5	
Trichloroethene	<48.8	ug/kg	48.8	1		03/16/19 02:51	79-01-6	
Trichlorofluoromethane	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-69-4	
1,2,3-Trichloropropane	<48.8	ug/kg	48.8	1		03/16/19 02:51	96-18-4	
1,2,3-Trimethylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	526-73-8	N2
1,2,4-Trimethylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	95-63-6	
1,3,5-Trimethylbenzene	<48.8	ug/kg	48.8	1		03/16/19 02:51	108-67-8	L2
Vinyl chloride	<48.8	ug/kg	48.8	1		03/16/19 02:51	75-01-4	
Xylene (Total)	<97.7	ug/kg	97.7	1		03/16/19 02:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	92	%	85-118	1		03/16/19 02:51	1868-53-7	
Toluene-d8 (S)	108	%	71-128	1		03/16/19 02:51	2037-26-5	
4-Bromofluorobenzene (S)	104	%	56-144	1		03/16/19 02:51	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.8	%	0.10	1		03/15/19 10:54

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (4-5') Lab ID: 50218951015 Collected: 03/06/19 13:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	9960	ug/kg	561	5	03/14/19 09:25	03/15/19 05:43	7440-38-2	
Barium	153000	ug/kg	11200	100	03/14/19 09:25	03/15/19 08:43	7440-39-3	
Cadmium	1230000	ug/kg	5610	100	03/14/19 09:25	03/15/19 08:43	7440-43-9	
Chromium	19200	ug/kg	1120	5	03/14/19 09:25	03/15/19 05:43	7440-47-3	
Copper	10600000	ug/kg	56100	1000	03/14/19 09:25	03/18/19 07:56	7440-50-8	
Lead	2930000	ug/kg	112000	1000	03/14/19 09:25	03/18/19 07:56	7439-92-1	N2
Selenium	1220	ug/kg	561	5	03/14/19 09:25	03/15/19 05:43	7782-49-2	
Silver	8740	ug/kg	280	5	03/14/19 09:25	03/15/19 05:43	7440-22-4	
Zinc	1290000	ug/kg	56100	100	03/14/19 09:25	03/15/19 08:43	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<227	ug/kg	227	1	03/13/19 22:30	03/14/19 10:44	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	83-32-9	
Acenaphthylene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	208-96-8	
Aniline	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	62-53-3	
Anthracene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	120-12-7	
Atrazine	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	92-87-5	
Benzo(a)anthracene	770	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	56-55-3	
Benzo(a)pyrene	548	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	50-32-8	
Benzo(b)fluoranthene	836	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	205-99-2	
Benzo(g,h,i)perylene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	191-24-2	
Benzo(k)fluoranthene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	65-85-0	
Benzyl alcohol	<787	ug/kg	787	1	03/13/19 12:37	03/14/19 12:53	100-51-6	
4-Bromophenylphenyl ether	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	101-55-3	
Butylbenzylphthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	85-68-7	
Caprolactam	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	105-60-2	N2
Carbazole	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	86-74-8	
4-Chloro-3-methylphenol	<787	ug/kg	787	1	03/13/19 12:37	03/14/19 12:53	59-50-7	
bis(2-Chloroethoxy)methane	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	111-91-1	
bis(2-Chloroethyl) ether	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	111-44-4	
bis(2-Chloroisopropyl) ether	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	108-60-1	
2-Chloronaphthalene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	91-58-7	
2-Chlorophenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	95-57-8	
4-Chlorophenylphenyl ether	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	7005-72-3	
Chrysene	921	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	218-01-9	
Dibenz(a,h)anthracene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	53-70-3	
Dibenzofuran	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	132-64-9	
3,3'-Dichlorobenzidine	<787	ug/kg	787	1	03/13/19 12:37	03/14/19 12:53	91-94-1	
2,4-Dichlorophenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	120-83-2	
Diethylphthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (4-5') **Lab ID:** 50218951015 **Collected:** 03/06/19 13:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	105-67-9	
Dimethylphthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	131-11-3	
Di-n-butylphthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	84-74-2	
4,6-Dinitro-2-methylphenol	<787	ug/kg	787	1	03/13/19 12:37	03/14/19 12:53	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	51-28-5	
2,4-Dinitrotoluene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	121-14-2	
2,6-Dinitrotoluene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	606-20-2	
Di-n-octylphthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	117-84-0	
bis(2-Ethylhexyl)phthalate	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	117-81-7	
Fluoranthene	1800	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	206-44-0	
Fluorene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	86-73-7	
Hexachlorobenzene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	118-74-1	
Hexachlorocyclopentadiene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	77-47-4	
Hexachloroethane	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	67-72-1	
Indeno(1,2,3-cd)pyrene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	193-39-5	
Isophorone	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	78-59-1	
2-Methylnaphthalene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	91-57-6	
2-Methylphenol(o-Cresol)	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	<787	ug/kg	787	1	03/13/19 12:37	03/14/19 12:53		
2-Nitroaniline	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	88-74-4	
3-Nitroaniline	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	99-09-2	
4-Nitroaniline	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	100-01-6	
Nitrobenzene	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	98-95-3	
2-Nitrophenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	100-02-7	
N-Nitrosodimethylamine	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	62-75-9	
N-Nitroso-di-n-propylamine	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	621-64-7	
N-Nitrosodiphenylamine	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 12:53	87-86-5	
Phenanthrene	1200	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	85-01-8	
Phenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	108-95-2	
Pyrene	1400	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	129-00-0	
Pyridine	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	110-86-1	
2,4,5-Trichlorophenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	95-95-4	
2,4,6-Trichlorophenol	<393	ug/kg	393	1	03/13/19 12:37	03/14/19 12:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	55	%	29-87	1	03/13/19 12:37	03/14/19 12:53	4165-60-0	
Phenol-d5 (S)	59	%	24-99	1	03/13/19 12:37	03/14/19 12:53	4165-62-2	
2-Fluorophenol (S)	59	%	22-99	1	03/13/19 12:37	03/14/19 12:53	367-12-4	
2,4,6-Tribromophenol (S)	59	%	19-117	1	03/13/19 12:37	03/14/19 12:53	118-79-6	
2-Fluorobiphenyl (S)	60	%	29-93	1	03/13/19 12:37	03/14/19 12:53	321-60-8	
p-Terphenyl-d14 (S)	83	%	26-127	1	03/13/19 12:37	03/14/19 12:53	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1320	ug/kg	1320	1	03/16/19 03:23	67-64-1
Acrylonitrile	<1320	ug/kg	1320	1	03/16/19 03:23	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (4-5') **Lab ID:** 50218951015 **Collected:** 03/06/19 13:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	71-43-2	
Bromobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	108-86-1	
Bromochloromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	74-97-5	
Bromodichloromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-27-4	
Bromoform	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-25-2	
Bromomethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	74-83-9	
2-Butanone (MEK)	<330	ug/kg	330	1		03/16/19 03:23	78-93-3	
tert-Butyl Alcohol	<660	ug/kg	660	1		03/16/19 03:23	75-65-0	
n-Butylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	104-51-8	
sec-Butylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	135-98-8	
tert-Butylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	98-06-6	
Carbon disulfide	<132	ug/kg	132	1		03/16/19 03:23	75-15-0	
Carbon tetrachloride	<66.0	ug/kg	66.0	1		03/16/19 03:23	56-23-5	
Chlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	108-90-7	
Chloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-00-3	
Chloroform	<66.0	ug/kg	66.0	1		03/16/19 03:23	67-66-3	
Chloromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	74-87-3	
2-Chlorotoluene	<66.0	ug/kg	66.0	1		03/16/19 03:23	95-49-8	
1,2-Dibromo-3-chloropropane	<132	ug/kg	132	1		03/16/19 03:23	96-12-8	
Dibromochloromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	124-48-1	
1,2-Dibromoethane (EDB)	<66.0	ug/kg	66.0	1		03/16/19 03:23	106-93-4	
Dibromomethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	74-95-3	
1,2-Dichlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	95-50-1	
1,3-Dichlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	541-73-1	
1,4-Dichlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	106-46-7	
trans-1,4-Dichloro-2-butene	<1320	ug/kg	1320	1		03/16/19 03:23	110-57-6	
Dichlorodifluoromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-71-8	
1,1-Dichloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-34-3	
1,2-Dichloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	107-06-2	
1,1-Dichloroethene	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-35-4	
cis-1,2-Dichloroethene	<66.0	ug/kg	66.0	1		03/16/19 03:23	156-59-2	
trans-1,2-Dichloroethene	<66.0	ug/kg	66.0	1		03/16/19 03:23	156-60-5	
1,2-Dichloropropane	<66.0	ug/kg	66.0	1		03/16/19 03:23	78-87-5	L1
cis-1,3-Dichloropropene	<66.0	ug/kg	66.0	1		03/16/19 03:23	10061-01-5	
trans-1,3-Dichloropropene	<66.0	ug/kg	66.0	1		03/16/19 03:23	10061-02-6	
Diethyl ether (Ethyl ether)	<66.0	ug/kg	66.0	1		03/16/19 03:23	60-29-7	
Ethylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	100-41-4	
2-Hexanone	<1320	ug/kg	1320	1		03/16/19 03:23	591-78-6	
Iodomethane	<1320	ug/kg	1320	1		03/16/19 03:23	74-88-4	
Isopropylbenzene (Cumene)	<66.0	ug/kg	66.0	1		03/16/19 03:23	98-82-8	
p-Isopropyltoluene	<66.0	ug/kg	66.0	1		03/16/19 03:23	99-87-6	
Methylene Chloride	<264	ug/kg	264	1		03/16/19 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<330	ug/kg	330	1		03/16/19 03:23	108-10-1	
Methyl-tert-butyl ether	<66.0	ug/kg	66.0	1		03/16/19 03:23	1634-04-4	L1
Naphthalene	<66.0	ug/kg	66.0	1		03/16/19 03:23	91-20-3	
n-Propylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (4-5') Lab ID: 50218951015 Collected: 03/06/19 13:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<66.0	ug/kg	66.0	1		03/16/19 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	79-34-5	L1
Tetrachloroethene	<66.0	ug/kg	66.0	1		03/16/19 03:23	127-18-4	
Tetrahydrofuran	<1320	ug/kg	1320	1		03/16/19 03:23	109-99-9	
Toluene	<66.0	ug/kg	66.0	1		03/16/19 03:23	108-88-3	
1,2,3-Trichlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	87-61-6	
1,2,4-Trichlorobenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	120-82-1	
1,1,1-Trichloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	71-55-6	
1,1,2-Trichloroethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	79-00-5	
Trichloroethene	<66.0	ug/kg	66.0	1		03/16/19 03:23	79-01-6	
Trichlorofluoromethane	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-69-4	
1,2,3-Trichloropropane	<66.0	ug/kg	66.0	1		03/16/19 03:23	96-18-4	
1,2,3-Trimethylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	526-73-8	N2
1,2,4-Trimethylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	95-63-6	
1,3,5-Trimethylbenzene	<66.0	ug/kg	66.0	1		03/16/19 03:23	108-67-8	L2
Vinyl chloride	<66.0	ug/kg	66.0	1		03/16/19 03:23	75-01-4	
Xylene (Total)	<132	ug/kg	132	1		03/16/19 03:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/16/19 03:23	1868-53-7	
Toluene-d8 (S)	107	%.	71-128	1		03/16/19 03:23	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	56-144	1		03/16/19 03:23	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.2	%	0.10	1		03/15/19 10:54

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (6-7') Lab ID: 50218951016 Collected: 03/06/19 14:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5180	ug/kg	582	5	03/14/19 09:25	03/15/19 06:15	7440-38-2	
Barium	83700	ug/kg	582	5	03/14/19 09:25	03/15/19 06:15	7440-39-3	
Cadmium	428	ug/kg	58.2	1	03/14/19 09:25	03/15/19 09:05	7440-43-9	
Chromium	16900	ug/kg	1160	5	03/14/19 09:25	03/15/19 06:15	7440-47-3	
Copper	19800	ug/kg	291	5	03/14/19 09:25	03/15/19 06:15	7440-50-8	
Lead	17200	ug/kg	116	1	03/14/19 09:25	03/15/19 09:05	7439-92-1	N2
Selenium	842	ug/kg	582	5	03/14/19 09:25	03/15/19 06:15	7782-49-2	
Silver	<58.2	ug/kg	58.2	1	03/14/19 09:25	03/15/19 09:05	7440-22-4	
Zinc	65500	ug/kg	2910	5	03/14/19 09:25	03/15/19 06:15	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<235	ug/kg	235	1	03/13/19 22:30	03/14/19 10:51	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	83-32-9	
Acenaphthylene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	208-96-8	
Aniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	62-53-3	
Anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	120-12-7	
Atrazine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	1912-24-9	N2
Azobenzene	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	103-33-3	N2
Benidine	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	92-87-5	
Benzo(a)anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	56-55-3	
Benzo(a)pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	50-32-8	
Benzo(b)fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	205-99-2	
Benzo(g,h,i)perylene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	191-24-2	
Benzo(k)fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	207-08-9	
Benzoic acid	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	65-85-0	
Benzyl alcohol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 13:09	100-51-6	
4-Bromophenylphenyl ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	101-55-3	
Butylbenzylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	85-68-7	
Caprolactam	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	105-60-2	N2
Carbazole	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	86-74-8	
4-Chloro-3-methylphenol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 13:09	59-50-7	
bis(2-Chloroethoxy)methane	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	111-91-1	
bis(2-Chloroethyl) ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	111-44-4	
bis(2-Chloroisopropyl) ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	108-60-1	
2-Chloronaphthalene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	91-58-7	
2-Chlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	95-57-8	
4-Chlorophenylphenyl ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	7005-72-3	
Chrysene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	218-01-9	
Dibenz(a,h)anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	53-70-3	
Dibenzofuran	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	132-64-9	
3,3'-Dichlorobenzidine	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 13:09	91-94-1	
2,4-Dichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	120-83-2	
Diethylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (6-7') Lab ID: 50218951016 Collected: 03/06/19 14:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	105-67-9	
Dimethylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	131-11-3	
Di-n-butylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	84-74-2	
4,6-Dinitro-2-methylphenol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 13:09	534-52-1	
2,4-Dinitrophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	51-28-5	
2,4-Dinitrotoluene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	121-14-2	
2,6-Dinitrotoluene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	606-20-2	
Di-n-octylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	117-84-0	
bis(2-Ethylhexyl)phthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	117-81-7	
Fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	206-44-0	
Fluorene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	86-73-7	
Hexachlorobenzene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	118-74-1	
Hexachlorocyclopentadiene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	77-47-4	
Hexachloroethane	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	67-72-1	
Indeno(1,2,3-cd)pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	193-39-5	
Isophorone	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	78-59-1	
2-Methylnaphthalene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	91-57-6	
2-Methylphenol(o-Cresol)	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 13:09		
2-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	88-74-4	
3-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	99-09-2	
4-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	100-01-6	
Nitrobenzene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	98-95-3	
2-Nitrophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	88-75-5	
4-Nitrophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	100-02-7	
N-Nitrosodimethylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	62-75-9	
N-Nitroso-di-n-propylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	621-64-7	
N-Nitrosodiphenylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	86-30-6	
Pentachlorophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 13:09	87-86-5	
Phenanthrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	85-01-8	
Phenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	108-95-2	
Pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	129-00-0	
Pyridine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	110-86-1	
2,4,5-Trichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	95-95-4	
2,4,6-Trichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 13:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	63	%	29-87	1	03/13/19 12:37	03/14/19 13:09	4165-60-0	
Phenol-d5 (S)	69	%	24-99	1	03/13/19 12:37	03/14/19 13:09	4165-62-2	
2-Fluorophenol (S)	71	%	22-99	1	03/13/19 12:37	03/14/19 13:09	367-12-4	
2,4,6-Tribromophenol (S)	75	%	19-117	1	03/13/19 12:37	03/14/19 13:09	118-79-6	
2-Fluorobiphenyl (S)	61	%	29-93	1	03/13/19 12:37	03/14/19 13:09	321-60-8	
p-Terphenyl-d14 (S)	85	%	26-127	1	03/13/19 12:37	03/14/19 13:09	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1020	ug/kg	1020	1		03/16/19 03:56	67-64-1	
Acrylonitrile	<1020	ug/kg	1020	1		03/16/19 03:56	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (6-7') **Lab ID:** 50218951016 **Collected:** 03/06/19 14:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	71-43-2	
Bromobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	108-86-1	
Bromochloromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	74-97-5	
Bromodichloromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-27-4	
Bromoform	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-25-2	
Bromomethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	74-83-9	
2-Butanone (MEK)	<254	ug/kg	254	1		03/16/19 03:56	78-93-3	
tert-Butyl Alcohol	<509	ug/kg	509	1		03/16/19 03:56	75-65-0	
n-Butylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	104-51-8	
sec-Butylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	135-98-8	
tert-Butylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	98-06-6	
Carbon disulfide	<102	ug/kg	102	1		03/16/19 03:56	75-15-0	
Carbon tetrachloride	<50.9	ug/kg	50.9	1		03/16/19 03:56	56-23-5	
Chlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	108-90-7	
Chloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-00-3	
Chloroform	<50.9	ug/kg	50.9	1		03/16/19 03:56	67-66-3	
Chloromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	74-87-3	
2-Chlorotoluene	<50.9	ug/kg	50.9	1		03/16/19 03:56	95-49-8	
1,2-Dibromo-3-chloropropane	<102	ug/kg	102	1		03/16/19 03:56	96-12-8	
Dibromochloromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	124-48-1	
1,2-Dibromoethane (EDB)	<50.9	ug/kg	50.9	1		03/16/19 03:56	106-93-4	
Dibromomethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	74-95-3	
1,2-Dichlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	95-50-1	
1,3-Dichlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	541-73-1	
1,4-Dichlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	106-46-7	
trans-1,4-Dichloro-2-butene	<1020	ug/kg	1020	1		03/16/19 03:56	110-57-6	
Dichlorodifluoromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-71-8	
1,1-Dichloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-34-3	
1,2-Dichloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	107-06-2	
1,1-Dichloroethene	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-35-4	
cis-1,2-Dichloroethene	<50.9	ug/kg	50.9	1		03/16/19 03:56	156-59-2	
trans-1,2-Dichloroethene	<50.9	ug/kg	50.9	1		03/16/19 03:56	156-60-5	
1,2-Dichloropropane	<50.9	ug/kg	50.9	1		03/16/19 03:56	78-87-5	L1
cis-1,3-Dichloropropene	<50.9	ug/kg	50.9	1		03/16/19 03:56	10061-01-5	
trans-1,3-Dichloropropene	<50.9	ug/kg	50.9	1		03/16/19 03:56	10061-02-6	
Diethyl ether (Ethyl ether)	<50.9	ug/kg	50.9	1		03/16/19 03:56	60-29-7	
Ethylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	100-41-4	
2-Hexanone	<1020	ug/kg	1020	1		03/16/19 03:56	591-78-6	
Iodomethane	<1020	ug/kg	1020	1		03/16/19 03:56	74-88-4	
Isopropylbenzene (Cumene)	<50.9	ug/kg	50.9	1		03/16/19 03:56	98-82-8	
p-Isopropyltoluene	<50.9	ug/kg	50.9	1		03/16/19 03:56	99-87-6	
Methylene Chloride	<204	ug/kg	204	1		03/16/19 03:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<254	ug/kg	254	1		03/16/19 03:56	108-10-1	
Methyl-tert-butyl ether	<50.9	ug/kg	50.9	1		03/16/19 03:56	1634-04-4	L1
Naphthalene	<50.9	ug/kg	50.9	1		03/16/19 03:56	91-20-3	
n-Propylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11081-SB-08 (6-7') Lab ID: 50218951016 Collected: 03/06/19 14:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<50.9	ug/kg	50.9	1		03/16/19 03:56	100-42-5	
1,1,1,2-Tetrachloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	630-20-6	
1,1,2,2-Tetrachloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	79-34-5	L1
Tetrachloroethene	<50.9	ug/kg	50.9	1		03/16/19 03:56	127-18-4	
Tetrahydrofuran	<1020	ug/kg	1020	1		03/16/19 03:56	109-99-9	
Toluene	<50.9	ug/kg	50.9	1		03/16/19 03:56	108-88-3	
1,2,3-Trichlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	87-61-6	
1,2,4-Trichlorobenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	120-82-1	
1,1,1-Trichloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	71-55-6	
1,1,2-Trichloroethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	79-00-5	
Trichloroethene	<50.9	ug/kg	50.9	1		03/16/19 03:56	79-01-6	
Trichlorofluoromethane	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-69-4	
1,2,3-Trichloropropane	<50.9	ug/kg	50.9	1		03/16/19 03:56	96-18-4	
1,2,3-Trimethylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	526-73-8	N2
1,2,4-Trimethylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	95-63-6	
1,3,5-Trimethylbenzene	<50.9	ug/kg	50.9	1		03/16/19 03:56	108-67-8	L2
Vinyl chloride	<50.9	ug/kg	50.9	1		03/16/19 03:56	75-01-4	
Xylene (Total)	<102	ug/kg	102	1		03/16/19 03:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/16/19 03:56	1868-53-7	
Toluene-d8 (S)	110	%.	71-128	1		03/16/19 03:56	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	56-144	1		03/16/19 03:56	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.7	%	0.10	1		03/15/19 10:54

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (3-4') Lab ID: 50218951017 Collected: 03/06/19 14:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5400	ug/kg	1150	10	03/14/19 09:25	03/18/19 09:00	7440-38-2	
Barium	110000	ug/kg	576	5	03/14/19 09:25	03/15/19 06:20	7440-39-3	
Cadmium	190	ug/kg	57.6	1	03/14/19 09:25	03/15/19 09:19	7440-43-9	
Chromium	23300	ug/kg	1150	5	03/14/19 09:25	03/15/19 06:20	7440-47-3	
Copper	18500	ug/kg	288	5	03/14/19 09:25	03/15/19 06:20	7440-50-8	
Lead	11800	ug/kg	115	1	03/14/19 09:25	03/15/19 09:19	7439-92-1	N2
Selenium	1340	ug/kg	1150	10	03/14/19 09:25	03/18/19 09:00	7782-49-2	
Silver	<57.6	ug/kg	57.6	1	03/14/19 09:25	03/15/19 09:19	7440-22-4	
Zinc	53500	ug/kg	2880	5	03/14/19 09:25	03/15/19 06:20	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<247	ug/kg	247	1	03/13/19 22:30	03/14/19 10:54	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	83-32-9	
Acenaphthylene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	208-96-8	
Aniline	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	62-53-3	
Anthracene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	120-12-7	
Atrazine	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	1912-24-9	N2
Azobenzene	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	103-33-3	N2
Benidine	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	92-87-5	
Benzo(a)anthracene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	56-55-3	
Benzo(a)pyrene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	50-32-8	
Benzo(b)fluoranthene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	205-99-2	
Benzo(g,h,i)perylene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	191-24-2	
Benzo(k)fluoranthene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	207-08-9	
Benzoic acid	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	65-85-0	
Benzyl alcohol	<813	ug/kg	813	1	03/13/19 12:37	03/14/19 13:25	100-51-6	
4-Bromophenylphenyl ether	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	101-55-3	
Butylbenzylphthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	85-68-7	
Caprolactam	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	105-60-2	N2
Carbazole	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	86-74-8	
4-Chloro-3-methylphenol	<813	ug/kg	813	1	03/13/19 12:37	03/14/19 13:25	59-50-7	
bis(2-Chloroethoxy)methane	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	111-91-1	
bis(2-Chloroethyl) ether	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	111-44-4	
bis(2-Chloroisopropyl) ether	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	108-60-1	
2-Chloronaphthalene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	91-58-7	
2-Chlorophenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	95-57-8	
4-Chlorophenylphenyl ether	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	7005-72-3	
Chrysene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	218-01-9	
Dibenz(a,h)anthracene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	53-70-3	
Dibenzofuran	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	132-64-9	
3,3'-Dichlorobenzidine	<813	ug/kg	813	1	03/13/19 12:37	03/14/19 13:25	91-94-1	
2,4-Dichlorophenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	120-83-2	
Diethylphthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (3-4') **Lab ID:** 50218951017 **Collected:** 03/06/19 14:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	105-67-9	
Dimethylphthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	131-11-3	
Di-n-butylphthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	84-74-2	
4,6-Dinitro-2-methylphenol	<813	ug/kg	813	1	03/13/19 12:37	03/14/19 13:25	534-52-1	
2,4-Dinitrophenol	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	51-28-5	
2,4-Dinitrotoluene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	121-14-2	
2,6-Dinitrotoluene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	606-20-2	
Di-n-octylphthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	117-84-0	
bis(2-Ethylhexyl)phthalate	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	117-81-7	
Fluoranthene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	206-44-0	
Fluorene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	86-73-7	
Hexachlorobenzene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	118-74-1	
Hexachlorocyclopentadiene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	77-47-4	
Hexachloroethane	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	67-72-1	
Indeno(1,2,3-cd)pyrene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	193-39-5	
Isophorone	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	78-59-1	
2-Methylnaphthalene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	91-57-6	
2-Methylphenol(o-Cresol)	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	<813	ug/kg	813	1	03/13/19 12:37	03/14/19 13:25		
2-Nitroaniline	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	88-74-4	
3-Nitroaniline	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	99-09-2	
4-Nitroaniline	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	100-01-6	
Nitrobenzene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	98-95-3	
2-Nitrophenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	88-75-5	
4-Nitrophenol	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	100-02-7	
N-Nitrosodimethylamine	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	62-75-9	
N-Nitroso-di-n-propylamine	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	621-64-7	
N-Nitrosodiphenylamine	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	86-30-6	
Pentachlorophenol	<1970	ug/kg	1970	1	03/13/19 12:37	03/14/19 13:25	87-86-5	
Phenanthrene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	85-01-8	
Phenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	108-95-2	
Pyrene	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	129-00-0	
Pyridine	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	110-86-1	
2,4,5-Trichlorophenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	95-95-4	
2,4,6-Trichlorophenol	<407	ug/kg	407	1	03/13/19 12:37	03/14/19 13:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%.	29-87	1	03/13/19 12:37	03/14/19 13:25	4165-60-0	
Phenol-d5 (S)	66	%.	24-99	1	03/13/19 12:37	03/14/19 13:25	4165-62-2	
2-Fluorophenol (S)	67	%.	22-99	1	03/13/19 12:37	03/14/19 13:25	367-12-4	
2,4,6-Tribromophenol (S)	68	%.	19-117	1	03/13/19 12:37	03/14/19 13:25	118-79-6	
2-Fluorobiphenyl (S)	65	%.	29-93	1	03/13/19 12:37	03/14/19 13:25	321-60-8	
p-Terphenyl-d14 (S)	95	%.	26-127	1	03/13/19 12:37	03/14/19 13:25	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1090	ug/kg	1090	1		03/16/19 07:12	67-64-1	
Acrylonitrile	<1090	ug/kg	1090	1		03/16/19 07:12	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (3-4') Lab ID: 50218951017 Collected: 03/06/19 14:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	71-43-2	
Bromobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	108-86-1	
Bromochloromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	74-97-5	
Bromodichloromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-27-4	
Bromoform	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-25-2	
Bromomethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	74-83-9	
2-Butanone (MEK)	<272	ug/kg	272	1		03/16/19 07:12	78-93-3	
tert-Butyl Alcohol	<544	ug/kg	544	1		03/16/19 07:12	75-65-0	
n-Butylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	104-51-8	
sec-Butylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	135-98-8	
tert-Butylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	98-06-6	
Carbon disulfide	<109	ug/kg	109	1		03/16/19 07:12	75-15-0	
Carbon tetrachloride	<54.4	ug/kg	54.4	1		03/16/19 07:12	56-23-5	
Chlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	108-90-7	
Chloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-00-3	
Chloroform	<54.4	ug/kg	54.4	1		03/16/19 07:12	67-66-3	
Chloromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	74-87-3	
2-Chlorotoluene	<54.4	ug/kg	54.4	1		03/16/19 07:12	95-49-8	
1,2-Dibromo-3-chloropropane	<109	ug/kg	109	1		03/16/19 07:12	96-12-8	
Dibromochloromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	124-48-1	
1,2-Dibromoethane (EDB)	<54.4	ug/kg	54.4	1		03/16/19 07:12	106-93-4	
Dibromomethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	74-95-3	
1,2-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	95-50-1	
1,3-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	541-73-1	
1,4-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	106-46-7	
trans-1,4-Dichloro-2-butene	<1090	ug/kg	1090	1		03/16/19 07:12	110-57-6	
Dichlorodifluoromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-71-8	
1,1-Dichloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-34-3	
1,2-Dichloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	107-06-2	
1,1-Dichloroethene	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-35-4	
cis-1,2-Dichloroethene	<54.4	ug/kg	54.4	1		03/16/19 07:12	156-59-2	
trans-1,2-Dichloroethene	<54.4	ug/kg	54.4	1		03/16/19 07:12	156-60-5	
1,2-Dichloropropane	<54.4	ug/kg	54.4	1		03/16/19 07:12	78-87-5	L1
cis-1,3-Dichloropropene	<54.4	ug/kg	54.4	1		03/16/19 07:12	10061-01-5	
trans-1,3-Dichloropropene	<54.4	ug/kg	54.4	1		03/16/19 07:12	10061-02-6	
Diethyl ether (Ethyl ether)	<54.4	ug/kg	54.4	1		03/16/19 07:12	60-29-7	
Ethylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	100-41-4	
2-Hexanone	<1090	ug/kg	1090	1		03/16/19 07:12	591-78-6	
Iodomethane	<1090	ug/kg	1090	1		03/16/19 07:12	74-88-4	
Isopropylbenzene (Cumene)	<54.4	ug/kg	54.4	1		03/16/19 07:12	98-82-8	
p-Isopropyltoluene	<54.4	ug/kg	54.4	1		03/16/19 07:12	99-87-6	
Methylene Chloride	<217	ug/kg	217	1		03/16/19 07:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	<272	ug/kg	272	1		03/16/19 07:12	108-10-1	
Methyl-tert-butyl ether	<54.4	ug/kg	54.4	1		03/16/19 07:12	1634-04-4	L1
Naphthalene	<54.4	ug/kg	54.4	1		03/16/19 07:12	91-20-3	
n-Propylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (3-4') Lab ID: 50218951017 Collected: 03/06/19 14:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.4	ug/kg	54.4	1		03/16/19 07:12	100-42-5	
1,1,1,2-Tetrachloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	630-20-6	
1,1,2,2-Tetrachloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	79-34-5	L1
Tetrachloroethene	<54.4	ug/kg	54.4	1		03/16/19 07:12	127-18-4	
Tetrahydrofuran	<1090	ug/kg	1090	1		03/16/19 07:12	109-99-9	
Toluene	<54.4	ug/kg	54.4	1		03/16/19 07:12	108-88-3	
1,2,3-Trichlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	87-61-6	
1,2,4-Trichlorobenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	120-82-1	
1,1,1-Trichloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	71-55-6	
1,1,2-Trichloroethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	79-00-5	
Trichloroethene	<54.4	ug/kg	54.4	1		03/16/19 07:12	79-01-6	
Trichlorofluoromethane	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-69-4	
1,2,3-Trichloropropane	<54.4	ug/kg	54.4	1		03/16/19 07:12	96-18-4	
1,2,3-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	526-73-8	N2
1,2,4-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	95-63-6	
1,3,5-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/16/19 07:12	108-67-8	L2
Vinyl chloride	<54.4	ug/kg	54.4	1		03/16/19 07:12	75-01-4	
Xylene (Total)	<109	ug/kg	109	1		03/16/19 07:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/16/19 07:12	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 07:12	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	56-144	1		03/16/19 07:12	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.4	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (7-8') Lab ID: 50218951018 Collected: 03/06/19 14:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1900	ug/kg	1160	10	03/14/19 09:25	03/18/19 09:04	7440-38-2	
Barium	94100	ug/kg	580	5	03/14/19 09:25	03/15/19 06:24	7440-39-3	
Cadmium	224	ug/kg	58.0	1	03/14/19 09:25	03/15/19 09:24	7440-43-9	
Chromium	20400	ug/kg	1160	5	03/14/19 09:25	03/15/19 06:24	7440-47-3	
Copper	15600	ug/kg	290	5	03/14/19 09:25	03/15/19 06:24	7440-50-8	
Lead	11200	ug/kg	116	1	03/14/19 09:25	03/15/19 09:24	7439-92-1	N2
Selenium	1260	ug/kg	1160	10	03/14/19 09:25	03/18/19 09:04	7782-49-2	
Silver	61.9	ug/kg	58.0	1	03/14/19 09:25	03/15/19 09:24	7440-22-4	
Zinc	57800	ug/kg	2900	5	03/14/19 09:25	03/15/19 06:24	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<247	ug/kg	247	1	03/13/19 22:30	03/14/19 10:56	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	83-32-9	
Acenaphthylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	208-96-8	
Aniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	62-53-3	
Anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	120-12-7	
Atrazine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	92-87-5	
Benzo(a)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	56-55-3	
Benzo(a)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	50-32-8	
Benzo(b)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	205-99-2	
Benzo(g,h,i)perylene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	191-24-2	
Benzo(k)fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	65-85-0	
Benzyl alcohol	<790	ug/kg	790	1	03/13/19 12:37	03/14/19 15:49	100-51-6	
4-Bromophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	101-55-3	
Butylbenzylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	85-68-7	
Caprolactam	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	105-60-2	N2
Carbazole	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	86-74-8	
4-Chloro-3-methylphenol	<790	ug/kg	790	1	03/13/19 12:37	03/14/19 15:49	59-50-7	
bis(2-Chloroethoxy)methane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	111-91-1	
bis(2-Chloroethyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	111-44-4	
bis(2-Chloroisopropyl) ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	108-60-1	
2-Chloronaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	91-58-7	
2-Chlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	95-57-8	
4-Chlorophenylphenyl ether	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	7005-72-3	
Chrysene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	218-01-9	
Dibenz(a,h)anthracene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	53-70-3	
Dibenzofuran	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	132-64-9	
3,3'-Dichlorobenzidine	<790	ug/kg	790	1	03/13/19 12:37	03/14/19 15:49	91-94-1	
2,4-Dichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	120-83-2	
Diethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (7-8') Lab ID: 50218951018 Collected: 03/06/19 14:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	105-67-9	
Dimethylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	131-11-3	
Di-n-butylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	84-74-2	
4,6-Dinitro-2-methylphenol	<790	ug/kg	790	1	03/13/19 12:37	03/14/19 15:49	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	51-28-5	
2,4-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	121-14-2	
2,6-Dinitrotoluene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	606-20-2	
Di-n-octylphthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	117-84-0	
bis(2-Ethylhexyl)phthalate	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	117-81-7	
Fluoranthene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	206-44-0	
Fluorene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	86-73-7	
Hexachlorobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	118-74-1	
Hexachlorocyclopentadiene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	77-47-4	
Hexachloroethane	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	67-72-1	
Indeno(1,2,3-cd)pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	193-39-5	
Isophorone	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	78-59-1	
2-Methylnaphthalene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	91-57-6	
2-Methylphenol(o-Cresol)	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	<790	ug/kg	790	1	03/13/19 12:37	03/14/19 15:49		
2-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	88-74-4	
3-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	99-09-2	
4-Nitroaniline	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	100-01-6	
Nitrobenzene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	98-95-3	
2-Nitrophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	100-02-7	
N-Nitrosodimethylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	62-75-9	
N-Nitroso-di-n-propylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	621-64-7	
N-Nitrosodiphenylamine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/13/19 12:37	03/14/19 15:49	87-86-5	
Phenanthrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	85-01-8	
Phenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	108-95-2	
Pyrene	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	129-00-0	
Pyridine	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	110-86-1	
2,4,5-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	95-95-4	
2,4,6-Trichlorophenol	<395	ug/kg	395	1	03/13/19 12:37	03/14/19 15:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	42	%	29-87	1	03/13/19 12:37	03/14/19 15:49	4165-60-0	
Phenol-d5 (S)	48	%	24-99	1	03/13/19 12:37	03/14/19 15:49	4165-62-2	
2-Fluorophenol (S)	49	%	22-99	1	03/13/19 12:37	03/14/19 15:49	367-12-4	
2,4,6-Tribromophenol (S)	54	%	19-117	1	03/13/19 12:37	03/14/19 15:49	118-79-6	
2-Fluorobiphenyl (S)	47	%	29-93	1	03/13/19 12:37	03/14/19 15:49	321-60-8	
p-Terphenyl-d14 (S)	73	%	26-127	1	03/13/19 12:37	03/14/19 15:49	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<979	ug/kg	979	1	03/16/19 07:44	67-64-1
Acrylonitrile	<979	ug/kg	979	1	03/16/19 07:44	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (7-8') Lab ID: 50218951018 Collected: 03/06/19 14:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	71-43-2	
Bromobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	108-86-1	
Bromochloromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	74-97-5	
Bromodichloromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-27-4	
Bromoform	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-25-2	
Bromomethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	74-83-9	
2-Butanone (MEK)	<245	ug/kg	245	1		03/16/19 07:44	78-93-3	
tert-Butyl Alcohol	<489	ug/kg	489	1		03/16/19 07:44	75-65-0	
n-Butylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	104-51-8	
sec-Butylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	135-98-8	
tert-Butylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	98-06-6	
Carbon disulfide	<97.9	ug/kg	97.9	1		03/16/19 07:44	75-15-0	
Carbon tetrachloride	<48.9	ug/kg	48.9	1		03/16/19 07:44	56-23-5	
Chlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	108-90-7	
Chloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-00-3	
Chloroform	<48.9	ug/kg	48.9	1		03/16/19 07:44	67-66-3	
Chloromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	74-87-3	
2-Chlorotoluene	<48.9	ug/kg	48.9	1		03/16/19 07:44	95-49-8	
1,2-Dibromo-3-chloropropane	<97.9	ug/kg	97.9	1		03/16/19 07:44	96-12-8	
Dibromochloromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	124-48-1	
1,2-Dibromoethane (EDB)	<48.9	ug/kg	48.9	1		03/16/19 07:44	106-93-4	
Dibromomethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	74-95-3	
1,2-Dichlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	95-50-1	
1,3-Dichlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	541-73-1	
1,4-Dichlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	106-46-7	
trans-1,4-Dichloro-2-butene	<979	ug/kg	979	1		03/16/19 07:44	110-57-6	
Dichlorodifluoromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-71-8	
1,1-Dichloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-34-3	
1,2-Dichloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	107-06-2	
1,1-Dichloroethene	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-35-4	
cis-1,2-Dichloroethene	<48.9	ug/kg	48.9	1		03/16/19 07:44	156-59-2	
trans-1,2-Dichloroethene	<48.9	ug/kg	48.9	1		03/16/19 07:44	156-60-5	
1,2-Dichloropropane	<48.9	ug/kg	48.9	1		03/16/19 07:44	78-87-5	L1
cis-1,3-Dichloropropene	<48.9	ug/kg	48.9	1		03/16/19 07:44	10061-01-5	
trans-1,3-Dichloropropene	<48.9	ug/kg	48.9	1		03/16/19 07:44	10061-02-6	
Diethyl ether (Ethyl ether)	<48.9	ug/kg	48.9	1		03/16/19 07:44	60-29-7	
Ethylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	100-41-4	
2-Hexanone	<979	ug/kg	979	1		03/16/19 07:44	591-78-6	
Iodomethane	<979	ug/kg	979	1		03/16/19 07:44	74-88-4	
Isopropylbenzene (Cumene)	<48.9	ug/kg	48.9	1		03/16/19 07:44	98-82-8	
p-Isopropyltoluene	<48.9	ug/kg	48.9	1		03/16/19 07:44	99-87-6	
Methylene Chloride	<196	ug/kg	196	1		03/16/19 07:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	<245	ug/kg	245	1		03/16/19 07:44	108-10-1	
Methyl-tert-butyl ether	<48.9	ug/kg	48.9	1		03/16/19 07:44	1634-04-4	L1
Naphthalene	<48.9	ug/kg	48.9	1		03/16/19 07:44	91-20-3	
n-Propylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-09 (7-8') Lab ID: 50218951018 Collected: 03/06/19 14:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.9	ug/kg	48.9	1		03/16/19 07:44	100-42-5	
1,1,1,2-Tetrachloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	630-20-6	
1,1,2,2-Tetrachloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	79-34-5	L1
Tetrachloroethene	<48.9	ug/kg	48.9	1		03/16/19 07:44	127-18-4	
Tetrahydrofuran	<979	ug/kg	979	1		03/16/19 07:44	109-99-9	
Toluene	<48.9	ug/kg	48.9	1		03/16/19 07:44	108-88-3	
1,2,3-Trichlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	87-61-6	
1,2,4-Trichlorobenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	120-82-1	
1,1,1-Trichloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	71-55-6	
1,1,2-Trichloroethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	79-00-5	
Trichloroethene	<48.9	ug/kg	48.9	1		03/16/19 07:44	79-01-6	
Trichlorofluoromethane	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-69-4	
1,2,3-Trichloropropane	<48.9	ug/kg	48.9	1		03/16/19 07:44	96-18-4	
1,2,3-Trimethylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	526-73-8	N2
1,2,4-Trimethylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	95-63-6	
1,3,5-Trimethylbenzene	<48.9	ug/kg	48.9	1		03/16/19 07:44	108-67-8	L2
Vinyl chloride	<48.9	ug/kg	48.9	1		03/16/19 07:44	75-01-4	
Xylene (Total)	<97.9	ug/kg	97.9	1		03/16/19 07:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/16/19 07:44	1868-53-7	
Toluene-d8 (S)	115	%.	71-128	1		03/16/19 07:44	2037-26-5	
4-Bromofluorobenzene (S)	112	%.	56-144	1		03/16/19 07:44	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.7	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (2-3') Lab ID: 50218951019 Collected: 03/06/19 15:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3310	ug/kg	590	5	03/14/19 09:25	03/15/19 06:29	7440-38-2	
Barium	54300	ug/kg	590	5	03/14/19 09:25	03/15/19 06:29	7440-39-3	
Cadmium	222	ug/kg	59.0	1	03/14/19 09:25	03/15/19 09:33	7440-43-9	
Chromium	9530	ug/kg	1180	5	03/14/19 09:25	03/15/19 06:29	7440-47-3	
Copper	24600	ug/kg	295	5	03/14/19 09:25	03/15/19 06:29	7440-50-8	
Lead	20500	ug/kg	118	1	03/14/19 09:25	03/15/19 09:33	7439-92-1	N2
Selenium	637	ug/kg	590	5	03/14/19 09:25	03/15/19 06:29	7782-49-2	
Silver	76.3	ug/kg	59.0	1	03/14/19 09:25	03/15/19 09:33	7440-22-4	
Zinc	41700	ug/kg	2950	5	03/14/19 09:25	03/15/19 06:29	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<223	ug/kg	223	1	03/13/19 22:30	03/14/19 10:59	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	208-96-8	
Aniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	62-53-3	
Anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	120-12-7	
Atrazine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	92-87-5	
Benzo(a)anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	56-55-3	
Benzo(a)pyrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	50-32-8	
Benzo(b)fluoranthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	205-99-2	
Benzo(g,h,i)perylene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	191-24-2	
Benzo(k)fluoranthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	65-85-0	
Benzyl alcohol	<776	ug/kg	776	1	03/13/19 12:37	03/14/19 16:05	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	86-74-8	
4-Chloro-3-methylphenol	<776	ug/kg	776	1	03/13/19 12:37	03/14/19 16:05	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	7005-72-3	
Chrysene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	132-64-9	
3,3'-Dichlorobenzidine	<776	ug/kg	776	1	03/13/19 12:37	03/14/19 16:05	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (2-3') **Lab ID:** 50218951019 **Collected:** 03/06/19 15:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	84-74-2	
4,6-Dinitro-2-methylphenol	<776	ug/kg	776	1	03/13/19 12:37	03/14/19 16:05	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	117-81-7	
Fluoranthene	536	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	206-44-0	
Fluorene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	67-72-1	
Indeno(1,2,3-cd)pyrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	193-39-5	
Isophorone	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	<776	ug/kg	776	1	03/13/19 12:37	03/14/19 16:05		
2-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:05	87-86-5	
Phenanthrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	85-01-8	
Phenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	108-95-2	
Pyrene	527	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	129-00-0	
Pyridine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:05	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%.	29-87	1	03/13/19 12:37	03/14/19 16:05	4165-60-0	
Phenol-d5 (S)	60	%.	24-99	1	03/13/19 12:37	03/14/19 16:05	4165-62-2	
2-Fluorophenol (S)	58	%.	22-99	1	03/13/19 12:37	03/14/19 16:05	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	19-117	1	03/13/19 12:37	03/14/19 16:05	118-79-6	
2-Fluorobiphenyl (S)	60	%.	29-93	1	03/13/19 12:37	03/14/19 16:05	321-60-8	
p-Terphenyl-d14 (S)	85	%.	26-127	1	03/13/19 12:37	03/14/19 16:05	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1		03/16/19 08:17	67-64-1	
Acrylonitrile	<1050	ug/kg	1050	1		03/16/19 08:17	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (2-3') Lab ID: 50218951019 Collected: 03/06/19 15:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	71-43-2	
Bromobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	108-86-1	
Bromochloromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	74-97-5	
Bromodichloromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-27-4	
Bromoform	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-25-2	
Bromomethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	74-83-9	
2-Butanone (MEK)	<262	ug/kg	262	1		03/16/19 08:17	78-93-3	
tert-Butyl Alcohol	<524	ug/kg	524	1		03/16/19 08:17	75-65-0	
n-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	104-51-8	
sec-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	135-98-8	
tert-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/16/19 08:17	75-15-0	
Carbon tetrachloride	<52.4	ug/kg	52.4	1		03/16/19 08:17	56-23-5	
Chlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	108-90-7	
Chloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-00-3	
Chloroform	<52.4	ug/kg	52.4	1		03/16/19 08:17	67-66-3	
Chloromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	74-87-3	
2-Chlorotoluene	<52.4	ug/kg	52.4	1		03/16/19 08:17	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/16/19 08:17	96-12-8	
Dibromochloromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	124-48-1	
1,2-Dibromoethane (EDB)	<52.4	ug/kg	52.4	1		03/16/19 08:17	106-93-4	
Dibromomethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	74-95-3	
1,2-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	95-50-1	
1,3-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	541-73-1	
1,4-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/16/19 08:17	110-57-6	
Dichlorodifluoromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-71-8	
1,1-Dichloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-34-3	
1,2-Dichloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	107-06-2	
1,1-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-35-4	
cis-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 08:17	156-59-2	
trans-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 08:17	156-60-5	
1,2-Dichloropropane	<52.4	ug/kg	52.4	1		03/16/19 08:17	78-87-5	L1
cis-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/16/19 08:17	10061-01-5	
trans-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/16/19 08:17	10061-02-6	
Diethyl ether (Ethyl ether)	<52.4	ug/kg	52.4	1		03/16/19 08:17	60-29-7	
Ethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/16/19 08:17	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/16/19 08:17	74-88-4	
Isopropylbenzene (Cumene)	<52.4	ug/kg	52.4	1		03/16/19 08:17	98-82-8	
p-Isopropyltoluene	<52.4	ug/kg	52.4	1		03/16/19 08:17	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/16/19 08:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	<262	ug/kg	262	1		03/16/19 08:17	108-10-1	
Methyl-tert-butyl ether	<52.4	ug/kg	52.4	1		03/16/19 08:17	1634-04-4	L1
Naphthalene	<52.4	ug/kg	52.4	1		03/16/19 08:17	91-20-3	
n-Propylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (2-3') **Lab ID: 50218951019** Collected: 03/06/19 15:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.4	ug/kg	52.4	1		03/16/19 08:17	100-42-5	
1,1,1,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	630-20-6	
1,1,2,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	79-34-5	L1
Tetrachloroethene	<52.4	ug/kg	52.4	1		03/16/19 08:17	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/16/19 08:17	109-99-9	
Toluene	<52.4	ug/kg	52.4	1		03/16/19 08:17	108-88-3	
1,2,3-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	87-61-6	
1,2,4-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	120-82-1	
1,1,1-Trichloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	71-55-6	
1,1,2-Trichloroethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	79-00-5	
Trichloroethene	<52.4	ug/kg	52.4	1		03/16/19 08:17	79-01-6	
Trichlorofluoromethane	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-69-4	
1,2,3-Trichloropropane	<52.4	ug/kg	52.4	1		03/16/19 08:17	96-18-4	
1,2,3-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	526-73-8	N2
1,2,4-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	95-63-6	
1,3,5-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 08:17	108-67-8	L2
Vinyl chloride	<52.4	ug/kg	52.4	1		03/16/19 08:17	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/16/19 08:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/16/19 08:17	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 08:17	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	56-144	1		03/16/19 08:17	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.8	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (4-5') Lab ID: 50218951020 Collected: 03/06/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4460	ug/kg	568	5	03/14/19 09:25	03/15/19 06:43	7440-38-2	
Barium	85700	ug/kg	568	5	03/14/19 09:25	03/15/19 06:43	7440-39-3	
Cadmium	199	ug/kg	56.8	1	03/14/19 09:25	03/15/19 09:47	7440-43-9	
Chromium	15600	ug/kg	1140	5	03/14/19 09:25	03/15/19 06:43	7440-47-3	
Copper	11200	ug/kg	284	5	03/14/19 09:25	03/15/19 06:43	7440-50-8	
Lead	15400	ug/kg	114	1	03/14/19 09:25	03/15/19 09:47	7439-92-1	N2
Selenium	1010	ug/kg	568	5	03/14/19 09:25	03/15/19 06:43	7782-49-2	
Silver	61.0	ug/kg	56.8	1	03/14/19 09:25	03/15/19 09:47	7440-22-4	
Zinc	44300	ug/kg	2840	5	03/14/19 09:25	03/15/19 06:43	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<248	ug/kg	248	1	03/13/19 22:30	03/14/19 11:01	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	83-32-9	
Acenaphthylene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	208-96-8	
Aniline	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	62-53-3	
Anthracene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	120-12-7	
Atrazine	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	92-87-5	
Benzo(a)anthracene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	56-55-3	
Benzo(a)pyrene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	50-32-8	
Benzo(b)fluoranthene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	205-99-2	
Benzo(g,h,i)perylene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	191-24-2	
Benzo(k)fluoranthene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	65-85-0	
Benzyl alcohol	<804	ug/kg	804	1	03/13/19 12:37	03/14/19 16:21	100-51-6	
4-Bromophenylphenyl ether	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	101-55-3	
Butylbenzylphthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	85-68-7	
Caprolactam	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	105-60-2	N2
Carbazole	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	86-74-8	
4-Chloro-3-methylphenol	<804	ug/kg	804	1	03/13/19 12:37	03/14/19 16:21	59-50-7	
bis(2-Chloroethoxy)methane	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	111-91-1	
bis(2-Chloroethyl) ether	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	111-44-4	
bis(2-Chloroisopropyl) ether	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	108-60-1	
2-Chloronaphthalene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	91-58-7	
2-Chlorophenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	95-57-8	
4-Chlorophenylphenyl ether	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	7005-72-3	
Chrysene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	218-01-9	
Dibenz(a,h)anthracene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	53-70-3	
Dibenzofuran	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	132-64-9	
3,3'-Dichlorobenzidine	<804	ug/kg	804	1	03/13/19 12:37	03/14/19 16:21	91-94-1	
2,4-Dichlorophenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	120-83-2	
Diethylphthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (4-5') Lab ID: 50218951020 Collected: 03/06/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	105-67-9	
Dimethylphthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	131-11-3	
Di-n-butylphthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	84-74-2	
4,6-Dinitro-2-methylphenol	<804	ug/kg	804	1	03/13/19 12:37	03/14/19 16:21	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	51-28-5	
2,4-Dinitrotoluene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	121-14-2	
2,6-Dinitrotoluene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	606-20-2	
Di-n-octylphthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	117-84-0	
bis(2-Ethylhexyl)phthalate	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	117-81-7	
Fluoranthene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	206-44-0	
Fluorene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	86-73-7	
Hexachlorobenzene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	118-74-1	
Hexachlorocyclopentadiene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	77-47-4	
Hexachloroethane	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	67-72-1	
Indeno(1,2,3-cd)pyrene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	193-39-5	
Isophorone	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	78-59-1	
2-Methylnaphthalene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	91-57-6	
2-Methylphenol(o-Cresol)	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	<804	ug/kg	804	1	03/13/19 12:37	03/14/19 16:21		
2-Nitroaniline	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	88-74-4	
3-Nitroaniline	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	99-09-2	
4-Nitroaniline	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	100-01-6	
Nitrobenzene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	98-95-3	
2-Nitrophenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	100-02-7	
N-Nitrosodimethylamine	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	62-75-9	
N-Nitroso-di-n-propylamine	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	621-64-7	
N-Nitrosodiphenylamine	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/13/19 12:37	03/14/19 16:21	87-86-5	
Phenanthrene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	85-01-8	
Phenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	108-95-2	
Pyrene	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	129-00-0	
Pyridine	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	110-86-1	
2,4,5-Trichlorophenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	95-95-4	
2,4,6-Trichlorophenol	<402	ug/kg	402	1	03/13/19 12:37	03/14/19 16:21	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	29-87	1	03/13/19 12:37	03/14/19 16:21	4165-60-0	
Phenol-d5 (S)	70	%	24-99	1	03/13/19 12:37	03/14/19 16:21	4165-62-2	
2-Fluorophenol (S)	69	%	22-99	1	03/13/19 12:37	03/14/19 16:21	367-12-4	
2,4,6-Tribromophenol (S)	73	%	19-117	1	03/13/19 12:37	03/14/19 16:21	118-79-6	
2-Fluorobiphenyl (S)	56	%	29-93	1	03/13/19 12:37	03/14/19 16:21	321-60-8	
p-Terphenyl-d14 (S)	79	%	26-127	1	03/13/19 12:37	03/14/19 16:21	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1040	ug/kg	1040	1		03/16/19 08:50	67-64-1	
Acrylonitrile	<1040	ug/kg	1040	1		03/16/19 08:50	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (4-5') Lab ID: 50218951020 Collected: 03/06/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	71-43-2	
Bromobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	108-86-1	
Bromochloromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	74-97-5	
Bromodichloromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-27-4	
Bromoform	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-25-2	
Bromomethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	74-83-9	
2-Butanone (MEK)	<261	ug/kg	261	1		03/16/19 08:50	78-93-3	
tert-Butyl Alcohol	<522	ug/kg	522	1		03/16/19 08:50	75-65-0	
n-Butylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	104-51-8	
sec-Butylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	135-98-8	
tert-Butylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	98-06-6	
Carbon disulfide	<104	ug/kg	104	1		03/16/19 08:50	75-15-0	
Carbon tetrachloride	<52.2	ug/kg	52.2	1		03/16/19 08:50	56-23-5	
Chlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	108-90-7	
Chloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-00-3	
Chloroform	<52.2	ug/kg	52.2	1		03/16/19 08:50	67-66-3	
Chloromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	74-87-3	
2-Chlorotoluene	<52.2	ug/kg	52.2	1		03/16/19 08:50	95-49-8	
1,2-Dibromo-3-chloropropane	<104	ug/kg	104	1		03/16/19 08:50	96-12-8	
Dibromochloromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	124-48-1	
1,2-Dibromoethane (EDB)	<52.2	ug/kg	52.2	1		03/16/19 08:50	106-93-4	
Dibromomethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	74-95-3	
1,2-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	95-50-1	
1,3-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	541-73-1	
1,4-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	106-46-7	
trans-1,4-Dichloro-2-butene	<1040	ug/kg	1040	1		03/16/19 08:50	110-57-6	
Dichlorodifluoromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-71-8	
1,1-Dichloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-34-3	
1,2-Dichloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	107-06-2	
1,1-Dichloroethene	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-35-4	
cis-1,2-Dichloroethene	<52.2	ug/kg	52.2	1		03/16/19 08:50	156-59-2	
trans-1,2-Dichloroethene	<52.2	ug/kg	52.2	1		03/16/19 08:50	156-60-5	
1,2-Dichloropropane	<52.2	ug/kg	52.2	1		03/16/19 08:50	78-87-5	L1
cis-1,3-Dichloropropene	<52.2	ug/kg	52.2	1		03/16/19 08:50	10061-01-5	
trans-1,3-Dichloropropene	<52.2	ug/kg	52.2	1		03/16/19 08:50	10061-02-6	
Diethyl ether (Ethyl ether)	<52.2	ug/kg	52.2	1		03/16/19 08:50	60-29-7	
Ethylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	100-41-4	
2-Hexanone	<1040	ug/kg	1040	1		03/16/19 08:50	591-78-6	
Iodomethane	<1040	ug/kg	1040	1		03/16/19 08:50	74-88-4	
Isopropylbenzene (Cumene)	<52.2	ug/kg	52.2	1		03/16/19 08:50	98-82-8	
p-Isopropyltoluene	<52.2	ug/kg	52.2	1		03/16/19 08:50	99-87-6	
Methylene Chloride	<209	ug/kg	209	1		03/16/19 08:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	<261	ug/kg	261	1		03/16/19 08:50	108-10-1	
Methyl-tert-butyl ether	<52.2	ug/kg	52.2	1		03/16/19 08:50	1634-04-4	L1
Naphthalene	<52.2	ug/kg	52.2	1		03/16/19 08:50	91-20-3	
n-Propylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-10 (4-5') Lab ID: 50218951020 Collected: 03/06/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.2	ug/kg	52.2	1		03/16/19 08:50	100-42-5	
1,1,1,2-Tetrachloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	630-20-6	
1,1,2,2-Tetrachloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	79-34-5	L1
Tetrachloroethene	<52.2	ug/kg	52.2	1		03/16/19 08:50	127-18-4	
Tetrahydrofuran	<1040	ug/kg	1040	1		03/16/19 08:50	109-99-9	
Toluene	<52.2	ug/kg	52.2	1		03/16/19 08:50	108-88-3	
1,2,3-Trichlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	87-61-6	
1,2,4-Trichlorobenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	120-82-1	
1,1,1-Trichloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	71-55-6	
1,1,2-Trichloroethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	79-00-5	
Trichloroethene	<52.2	ug/kg	52.2	1		03/16/19 08:50	79-01-6	
Trichlorofluoromethane	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-69-4	
1,2,3-Trichloropropane	<52.2	ug/kg	52.2	1		03/16/19 08:50	96-18-4	
1,2,3-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	526-73-8	N2
1,2,4-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	95-63-6	
1,3,5-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/16/19 08:50	108-67-8	L2
Vinyl chloride	<52.2	ug/kg	52.2	1		03/16/19 08:50	75-01-4	
Xylene (Total)	<104	ug/kg	104	1		03/16/19 08:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	85-118	1		03/16/19 08:50	1868-53-7	
Toluene-d8 (S)	114	%.	71-128	1		03/16/19 08:50	2037-26-5	
4-Bromofluorobenzene (S)	108	%.	56-144	1		03/16/19 08:50	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.4	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (3-4') Lab ID: 50218951021 Collected: 03/06/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	7930	ug/kg	1170	10	03/14/19 09:25	03/18/19 09:09	7440-38-2	
Barium	90300	ug/kg	585	5	03/14/19 09:25	03/15/19 06:48	7440-39-3	
Cadmium	192	ug/kg	58.5	1	03/14/19 09:25	03/15/19 09:51	7440-43-9	
Chromium	21600	ug/kg	1170	5	03/14/19 09:25	03/15/19 06:48	7440-47-3	
Copper	16300	ug/kg	293	5	03/14/19 09:25	03/15/19 06:48	7440-50-8	
Lead	13900	ug/kg	117	1	03/14/19 09:25	03/15/19 09:51	7439-92-1	N2
Selenium	1250	ug/kg	1170	10	03/14/19 09:25	03/18/19 09:09	7782-49-2	
Silver	<58.5	ug/kg	58.5	1	03/14/19 09:25	03/15/19 09:51	7440-22-4	
Zinc	48500	ug/kg	2930	5	03/14/19 09:25	03/15/19 06:48	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<228	ug/kg	228	1	03/13/19 22:30	03/14/19 11:03	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	208-96-8	
Aniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	62-53-3	
Anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	120-12-7	
Atrazine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	92-87-5	
Benzo(a)anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	56-55-3	
Benzo(a)pyrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	50-32-8	
Benzo(b)fluoranthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	205-99-2	
Benzo(g,h,i)perylene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	191-24-2	
Benzo(k)fluoranthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	65-85-0	
Benzyl alcohol	<777	ug/kg	777	1	03/13/19 12:37	03/14/19 16:37	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	86-74-8	
4-Chloro-3-methylphenol	<777	ug/kg	777	1	03/13/19 12:37	03/14/19 16:37	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	7005-72-3	
Chrysene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	132-64-9	
3,3'-Dichlorobenzidine	<777	ug/kg	777	1	03/13/19 12:37	03/14/19 16:37	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (3-4') **Lab ID:** 50218951021 **Collected:** 03/06/19 15:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	<777	ug/kg	777	1	03/13/19 12:37	03/14/19 16:37	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	117-81-7	
Fluoranthene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	206-44-0	
Fluorene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	193-39-5	
Isophorone	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	<777	ug/kg	777	1	03/13/19 12:37	03/14/19 16:37		
2-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/14/19 16:37	87-86-5	
Phenanthrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	85-01-8	
Phenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	108-95-2	
Pyrene	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	129-00-0	
Pyridine	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/14/19 16:37	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%.	29-87	1	03/13/19 12:37	03/14/19 16:37	4165-60-0	
Phenol-d5 (S)	56	%.	24-99	1	03/13/19 12:37	03/14/19 16:37	4165-62-2	
2-Fluorophenol (S)	56	%.	22-99	1	03/13/19 12:37	03/14/19 16:37	367-12-4	
2,4,6-Tribromophenol (S)	64	%.	19-117	1	03/13/19 12:37	03/14/19 16:37	118-79-6	
2-Fluorobiphenyl (S)	50	%.	29-93	1	03/13/19 12:37	03/14/19 16:37	321-60-8	
p-Terphenyl-d14 (S)	90	%.	26-127	1	03/13/19 12:37	03/14/19 16:37	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<910	ug/kg	910	1		03/16/19 09:55	67-64-1	
Acrylonitrile	<910	ug/kg	910	1		03/16/19 09:55	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (3-4') Lab ID: 50218951021 Collected: 03/06/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	71-43-2	
Bromobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	108-86-1	
Bromochloromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	74-97-5	
Bromodichloromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-27-4	
Bromoform	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-25-2	
Bromomethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	74-83-9	
2-Butanone (MEK)	<227	ug/kg	227	1		03/16/19 09:55	78-93-3	
tert-Butyl Alcohol	<455	ug/kg	455	1		03/16/19 09:55	75-65-0	
n-Butylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	104-51-8	
sec-Butylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	135-98-8	
tert-Butylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	98-06-6	
Carbon disulfide	<91.0	ug/kg	91.0	1		03/16/19 09:55	75-15-0	
Carbon tetrachloride	<45.5	ug/kg	45.5	1		03/16/19 09:55	56-23-5	
Chlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	108-90-7	
Chloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-00-3	
Chloroform	<45.5	ug/kg	45.5	1		03/16/19 09:55	67-66-3	
Chloromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	74-87-3	
2-Chlorotoluene	<45.5	ug/kg	45.5	1		03/16/19 09:55	95-49-8	
1,2-Dibromo-3-chloropropane	<91.0	ug/kg	91.0	1		03/16/19 09:55	96-12-8	
Dibromochloromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	124-48-1	
1,2-Dibromoethane (EDB)	<45.5	ug/kg	45.5	1		03/16/19 09:55	106-93-4	
Dibromomethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	74-95-3	
1,2-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	95-50-1	
1,3-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	541-73-1	
1,4-Dichlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	106-46-7	
trans-1,4-Dichloro-2-butene	<910	ug/kg	910	1		03/16/19 09:55	110-57-6	
Dichlorodifluoromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-71-8	
1,1-Dichloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-34-3	
1,2-Dichloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	107-06-2	
1,1-Dichloroethene	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-35-4	
cis-1,2-Dichloroethene	<45.5	ug/kg	45.5	1		03/16/19 09:55	156-59-2	
trans-1,2-Dichloroethene	<45.5	ug/kg	45.5	1		03/16/19 09:55	156-60-5	
1,2-Dichloropropane	<45.5	ug/kg	45.5	1		03/16/19 09:55	78-87-5	L1
cis-1,3-Dichloropropene	<45.5	ug/kg	45.5	1		03/16/19 09:55	10061-01-5	
trans-1,3-Dichloropropene	<45.5	ug/kg	45.5	1		03/16/19 09:55	10061-02-6	
Diethyl ether (Ethyl ether)	<45.5	ug/kg	45.5	1		03/16/19 09:55	60-29-7	
Ethylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	100-41-4	
2-Hexanone	<910	ug/kg	910	1		03/16/19 09:55	591-78-6	
Iodomethane	<910	ug/kg	910	1		03/16/19 09:55	74-88-4	
Isopropylbenzene (Cumene)	<45.5	ug/kg	45.5	1		03/16/19 09:55	98-82-8	
p-Isopropyltoluene	<45.5	ug/kg	45.5	1		03/16/19 09:55	99-87-6	
Methylene Chloride	<182	ug/kg	182	1		03/16/19 09:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	<227	ug/kg	227	1		03/16/19 09:55	108-10-1	
Methyl-tert-butyl ether	<45.5	ug/kg	45.5	1		03/16/19 09:55	1634-04-4	L1
Naphthalene	<45.5	ug/kg	45.5	1		03/16/19 09:55	91-20-3	
n-Propylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (3-4') Lab ID: 50218951021 Collected: 03/06/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<45.5	ug/kg	45.5	1		03/16/19 09:55	100-42-5	
1,1,1,2-Tetrachloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	630-20-6	
1,1,2,2-Tetrachloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	79-34-5	L1
Tetrachloroethene	<45.5	ug/kg	45.5	1		03/16/19 09:55	127-18-4	
Tetrahydrofuran	<910	ug/kg	910	1		03/16/19 09:55	109-99-9	
Toluene	<45.5	ug/kg	45.5	1		03/16/19 09:55	108-88-3	
1,2,3-Trichlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	87-61-6	
1,2,4-Trichlorobenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	120-82-1	
1,1,1-Trichloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	71-55-6	
1,1,2-Trichloroethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	79-00-5	
Trichloroethene	<45.5	ug/kg	45.5	1		03/16/19 09:55	79-01-6	
Trichlorofluoromethane	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-69-4	
1,2,3-Trichloropropane	<45.5	ug/kg	45.5	1		03/16/19 09:55	96-18-4	
1,2,3-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	526-73-8	N2
1,2,4-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	95-63-6	
1,3,5-Trimethylbenzene	<45.5	ug/kg	45.5	1		03/16/19 09:55	108-67-8	L2
Vinyl chloride	<45.5	ug/kg	45.5	1		03/16/19 09:55	75-01-4	
Xylene (Total)	<91.0	ug/kg	91.0	1		03/16/19 09:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	85-118	1		03/16/19 09:55	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 09:55	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	56-144	1		03/16/19 09:55	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.1	%	0.10	1		03/15/19 10:54

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (7-8') **Lab ID:** 50218951022 **Collected:** 03/06/19 15:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	11000	ug/kg	1260	10	03/14/19 09:25	03/18/19 09:23	7440-38-2	
Barium	64400	ug/kg	629	5	03/14/19 09:25	03/15/19 06:52	7440-39-3	
Cadmium	341	ug/kg	62.9	1	03/14/19 09:25	03/15/19 10:00	7440-43-9	
Chromium	18300	ug/kg	1260	5	03/14/19 09:25	03/15/19 06:52	7440-47-3	
Copper	14600	ug/kg	315	5	03/14/19 09:25	03/15/19 06:52	7440-50-8	
Lead	11600	ug/kg	126	1	03/14/19 09:25	03/15/19 10:00	7439-92-1	N2
Selenium	<1260	ug/kg	1260	10	03/14/19 09:25	03/18/19 09:23	7782-49-2	D3
Silver	<62.9	ug/kg	62.9	1	03/14/19 09:25	03/15/19 10:00	7440-22-4	
Zinc	50800	ug/kg	3150	5	03/14/19 09:25	03/15/19 06:52	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<261	ug/kg	261	1	03/13/19 22:30	03/14/19 11:06	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	83-32-9	
Acenaphthylene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	208-96-8	
Aniline	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	62-53-3	
Anthracene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	120-12-7	
Atrazine	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	1912-24-9	N2
Azobenzene	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	103-33-3	N2
Benidine	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	92-87-5	
Benzo(a)anthracene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	56-55-3	
Benzo(a)pyrene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	50-32-8	
Benzo(b)fluoranthene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	205-99-2	
Benzo(g,h,i)perylene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	191-24-2	
Benzo(k)fluoranthene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	207-08-9	
Benzoic acid	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	65-85-0	
Benzyl alcohol	<863	ug/kg	863	1	03/13/19 12:37	03/14/19 16:53	100-51-6	
4-Bromophenylphenyl ether	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	101-55-3	
Butylbenzylphthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	85-68-7	
Caprolactam	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	105-60-2	N2
Carbazole	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	86-74-8	
4-Chloro-3-methylphenol	<863	ug/kg	863	1	03/13/19 12:37	03/14/19 16:53	59-50-7	
bis(2-Chloroethoxy)methane	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	111-91-1	
bis(2-Chloroethyl) ether	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	111-44-4	
bis(2-Chloroisopropyl) ether	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	108-60-1	
2-Chloronaphthalene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	91-58-7	
2-Chlorophenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	95-57-8	
4-Chlorophenylphenyl ether	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	7005-72-3	
Chrysene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	218-01-9	
Dibenz(a,h)anthracene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	53-70-3	
Dibenzofuran	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	132-64-9	
3,3'-Dichlorobenzidine	<863	ug/kg	863	1	03/13/19 12:37	03/14/19 16:53	91-94-1	
2,4-Dichlorophenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	120-83-2	
Diethylphthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (7-8') **Lab ID:** 50218951022 **Collected:** 03/06/19 15:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	105-67-9	
Dimethylphthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	131-11-3	
Di-n-butylphthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	84-74-2	
4,6-Dinitro-2-methylphenol	<863	ug/kg	863	1	03/13/19 12:37	03/14/19 16:53	534-52-1	
2,4-Dinitrophenol	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	51-28-5	
2,4-Dinitrotoluene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	121-14-2	
2,6-Dinitrotoluene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	606-20-2	
Di-n-octylphthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	117-84-0	
bis(2-Ethylhexyl)phthalate	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	117-81-7	
Fluoranthene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	206-44-0	
Fluorene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	86-73-7	
Hexachlorobenzene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	118-74-1	
Hexachlorocyclopentadiene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	77-47-4	
Hexachloroethane	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	67-72-1	
Indeno(1,2,3-cd)pyrene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	193-39-5	
Isophorone	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	78-59-1	
2-Methylnaphthalene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	91-57-6	
2-Methylphenol(o-Cresol)	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	<863	ug/kg	863	1	03/13/19 12:37	03/14/19 16:53		
2-Nitroaniline	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	88-74-4	
3-Nitroaniline	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	99-09-2	
4-Nitroaniline	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	100-01-6	
Nitrobenzene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	98-95-3	
2-Nitrophenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	88-75-5	
4-Nitrophenol	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	100-02-7	
N-Nitrosodimethylamine	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	62-75-9	
N-Nitroso-di-n-propylamine	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	621-64-7	
N-Nitrosodiphenylamine	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	86-30-6	
Pentachlorophenol	<2090	ug/kg	2090	1	03/13/19 12:37	03/14/19 16:53	87-86-5	
Phenanthrene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	85-01-8	
Phenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	108-95-2	
Pyrene	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	129-00-0	
Pyridine	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	110-86-1	
2,4,5-Trichlorophenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	95-95-4	
2,4,6-Trichlorophenol	<432	ug/kg	432	1	03/13/19 12:37	03/14/19 16:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	29-87	1	03/13/19 12:37	03/14/19 16:53	4165-60-0	
Phenol-d5 (S)	71	%	24-99	1	03/13/19 12:37	03/14/19 16:53	4165-62-2	
2-Fluorophenol (S)	72	%	22-99	1	03/13/19 12:37	03/14/19 16:53	367-12-4	
2,4,6-Tribromophenol (S)	76	%	19-117	1	03/13/19 12:37	03/14/19 16:53	118-79-6	
2-Fluorobiphenyl (S)	63	%	29-93	1	03/13/19 12:37	03/14/19 16:53	321-60-8	
p-Terphenyl-d14 (S)	85	%	26-127	1	03/13/19 12:37	03/14/19 16:53	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1230	ug/kg	1230	1	03/16/19 11:00	67-64-1
Acrylonitrile	<1230	ug/kg	1230	1	03/16/19 11:00	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (7-8') Lab ID: 50218951022 Collected: 03/06/19 15:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	71-43-2	
Bromobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	108-86-1	
Bromochloromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	74-97-5	
Bromodichloromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-27-4	
Bromoform	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-25-2	
Bromomethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	74-83-9	
2-Butanone (MEK)	<309	ug/kg	309	1		03/16/19 11:00	78-93-3	
tert-Butyl Alcohol	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-65-0	
n-Butylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	104-51-8	
sec-Butylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	135-98-8	
tert-Butylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	98-06-6	
Carbon disulfide	<123	ug/kg	123	1		03/16/19 11:00	75-15-0	
Carbon tetrachloride	<61.7	ug/kg	61.7	1		03/16/19 11:00	56-23-5	
Chlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	108-90-7	
Chloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-00-3	
Chloroform	<61.7	ug/kg	61.7	1		03/16/19 11:00	67-66-3	
Chloromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	74-87-3	
2-Chlorotoluene	<61.7	ug/kg	61.7	1		03/16/19 11:00	95-49-8	
1,2-Dibromo-3-chloropropane	<123	ug/kg	123	1		03/16/19 11:00	96-12-8	
Dibromochloromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	124-48-1	
1,2-Dibromoethane (EDB)	<61.7	ug/kg	61.7	1		03/16/19 11:00	106-93-4	
Dibromomethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	74-95-3	
1,2-Dichlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	95-50-1	
1,3-Dichlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	541-73-1	
1,4-Dichlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	106-46-7	
trans-1,4-Dichloro-2-butene	<1230	ug/kg	1230	1		03/16/19 11:00	110-57-6	
Dichlorodifluoromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-71-8	
1,1-Dichloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-34-3	
1,2-Dichloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	107-06-2	
1,1-Dichloroethene	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-35-4	
cis-1,2-Dichloroethene	<61.7	ug/kg	61.7	1		03/16/19 11:00	156-59-2	
trans-1,2-Dichloroethene	<61.7	ug/kg	61.7	1		03/16/19 11:00	156-60-5	
1,2-Dichloropropane	<61.7	ug/kg	61.7	1		03/16/19 11:00	78-87-5	L1
cis-1,3-Dichloropropene	<61.7	ug/kg	61.7	1		03/16/19 11:00	10061-01-5	
trans-1,3-Dichloropropene	<61.7	ug/kg	61.7	1		03/16/19 11:00	10061-02-6	
Diethyl ether (Ethyl ether)	<61.7	ug/kg	61.7	1		03/16/19 11:00	60-29-7	
Ethylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	100-41-4	
2-Hexanone	<1230	ug/kg	1230	1		03/16/19 11:00	591-78-6	
Iodomethane	<1230	ug/kg	1230	1		03/16/19 11:00	74-88-4	
Isopropylbenzene (Cumene)	<61.7	ug/kg	61.7	1		03/16/19 11:00	98-82-8	
p-Isopropyltoluene	<61.7	ug/kg	61.7	1		03/16/19 11:00	99-87-6	
Methylene Chloride	<247	ug/kg	247	1		03/16/19 11:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<309	ug/kg	309	1		03/16/19 11:00	108-10-1	
Methyl-tert-butyl ether	<61.7	ug/kg	61.7	1		03/16/19 11:00	1634-04-4	L1
Naphthalene	<61.7	ug/kg	61.7	1		03/16/19 11:00	91-20-3	
n-Propylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-11 (7-8') **Lab ID:** 50218951022 **Collected:** 03/06/19 15:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<61.7	ug/kg	61.7	1		03/16/19 11:00	100-42-5	
1,1,1,2-Tetrachloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	630-20-6	
1,1,2,2-Tetrachloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	79-34-5	L1
Tetrachloroethene	<61.7	ug/kg	61.7	1		03/16/19 11:00	127-18-4	
Tetrahydrofuran	<1230	ug/kg	1230	1		03/16/19 11:00	109-99-9	
Toluene	<61.7	ug/kg	61.7	1		03/16/19 11:00	108-88-3	
1,2,3-Trichlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	87-61-6	
1,2,4-Trichlorobenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	120-82-1	
1,1,1-Trichloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	71-55-6	
1,1,2-Trichloroethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	79-00-5	
Trichloroethene	<61.7	ug/kg	61.7	1		03/16/19 11:00	79-01-6	
Trichlorofluoromethane	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-69-4	
1,2,3-Trichloropropane	<61.7	ug/kg	61.7	1		03/16/19 11:00	96-18-4	
1,2,3-Trimethylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	526-73-8	N2
1,2,4-Trimethylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	95-63-6	
1,3,5-Trimethylbenzene	<61.7	ug/kg	61.7	1		03/16/19 11:00	108-67-8	L2
Vinyl chloride	<61.7	ug/kg	61.7	1		03/16/19 11:00	75-01-4	
Xylene (Total)	<123	ug/kg	123	1		03/16/19 11:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/16/19 11:00	1868-53-7	
Toluene-d8 (S)	117	%.	71-128	1		03/16/19 11:00	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	56-144	1		03/16/19 11:00	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	24.5	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (1-2') Lab ID: 50218951023 Collected: 03/06/19 16:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3380	ug/kg	574	5	03/14/19 09:25	03/15/19 06:57	7440-38-2	
Barium	82600	ug/kg	574	5	03/14/19 09:25	03/15/19 06:57	7440-39-3	
Cadmium	459000	ug/kg	1430	25	03/14/19 09:25	03/18/19 08:19	7440-43-9	
Chromium	15600	ug/kg	1150	5	03/14/19 09:25	03/15/19 06:57	7440-47-3	
Copper	13500	ug/kg	287	5	03/14/19 09:25	03/15/19 06:57	7440-50-8	
Lead	24300	ug/kg	574	5	03/14/19 09:25	03/15/19 06:57	7439-92-1	N2
Selenium	704	ug/kg	574	5	03/14/19 09:25	03/15/19 06:57	7782-49-2	
Silver	73.0	ug/kg	57.4	1	03/14/19 09:25	03/15/19 10:14	7440-22-4	
Zinc	240000	ug/kg	14300	25	03/14/19 09:25	03/18/19 08:19	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<240	ug/kg	240	1	03/13/19 22:30	03/14/19 11:16	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	83-32-9	
Acenaphthylene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	208-96-8	
Aniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	62-53-3	
Anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	120-12-7	
Atrazine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	1912-24-9	N2
Azobenzene	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	103-33-3	N2
Benidine	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	92-87-5	
Benzo(a)anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	56-55-3	
Benzo(a)pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	50-32-8	
Benzo(b)fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	205-99-2	
Benzo(g,h,i)perylene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	191-24-2	
Benzo(k)fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	207-08-9	
Benzoic acid	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	65-85-0	
Benzyl alcohol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 17:09	100-51-6	
4-Bromophenylphenyl ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	101-55-3	
Butylbenzylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	85-68-7	
Caprolactam	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	105-60-2	N2
Carbazole	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	86-74-8	
4-Chloro-3-methylphenol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 17:09	59-50-7	
bis(2-Chloroethoxy)methane	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	111-91-1	
bis(2-Chloroethyl) ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	111-44-4	
bis(2-Chloroisopropyl) ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	108-60-1	
2-Chloronaphthalene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	91-58-7	
2-Chlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	95-57-8	
4-Chlorophenylphenyl ether	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	7005-72-3	
Chrysene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	218-01-9	
Dibenz(a,h)anthracene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	53-70-3	
Dibenzofuran	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	132-64-9	
3,3'-Dichlorobenzidine	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 17:09	91-94-1	
2,4-Dichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	120-83-2	
Diethylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (1-2') **Lab ID:** 50218951023 **Collected:** 03/06/19 16:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	105-67-9	
Dimethylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	131-11-3	
Di-n-butylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	84-74-2	
4,6-Dinitro-2-methylphenol	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 17:09	534-52-1	
2,4-Dinitrophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	51-28-5	
2,4-Dinitrotoluene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	121-14-2	
2,6-Dinitrotoluene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	606-20-2	
Di-n-octylphthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	117-84-0	
bis(2-Ethylhexyl)phthalate	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	117-81-7	
Fluoranthene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	206-44-0	
Fluorene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	86-73-7	
Hexachlorobenzene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	118-74-1	
Hexachlorocyclopentadiene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	77-47-4	
Hexachloroethane	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	67-72-1	
Indeno(1,2,3-cd)pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	193-39-5	
Isophorone	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	78-59-1	
2-Methylnaphthalene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	91-57-6	
2-Methylphenol(o-Cresol)	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	<782	ug/kg	782	1	03/13/19 12:37	03/14/19 17:09		
2-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	88-74-4	
3-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	99-09-2	
4-Nitroaniline	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	100-01-6	
Nitrobenzene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	98-95-3	
2-Nitrophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	88-75-5	
4-Nitrophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	100-02-7	
N-Nitrosodimethylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	62-75-9	
N-Nitroso-di-n-propylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	621-64-7	
N-Nitrosodiphenylamine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	86-30-6	
Pentachlorophenol	<1900	ug/kg	1900	1	03/13/19 12:37	03/14/19 17:09	87-86-5	
Phenanthrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	85-01-8	
Phenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	108-95-2	
Pyrene	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	129-00-0	
Pyridine	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	110-86-1	
2,4,5-Trichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	95-95-4	
2,4,6-Trichlorophenol	<391	ug/kg	391	1	03/13/19 12:37	03/14/19 17:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	73	%	29-87	1	03/13/19 12:37	03/14/19 17:09	4165-60-0	
Phenol-d5 (S)	73	%	24-99	1	03/13/19 12:37	03/14/19 17:09	4165-62-2	
2-Fluorophenol (S)	77	%	22-99	1	03/13/19 12:37	03/14/19 17:09	367-12-4	
2,4,6-Tribromophenol (S)	76	%	19-117	1	03/13/19 12:37	03/14/19 17:09	118-79-6	
2-Fluorobiphenyl (S)	68	%	29-93	1	03/13/19 12:37	03/14/19 17:09	321-60-8	
p-Terphenyl-d14 (S)	101	%	26-127	1	03/13/19 12:37	03/14/19 17:09	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<972	ug/kg	972	1	03/16/19 11:33	67-64-1
Acrylonitrile	<972	ug/kg	972	1	03/16/19 11:33	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (1-2') Lab ID: 50218951023 Collected: 03/06/19 16:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	71-43-2	
Bromobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	108-86-1	
Bromochloromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	74-97-5	
Bromodichloromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-27-4	
Bromoform	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-25-2	
Bromomethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	74-83-9	
2-Butanone (MEK)	<243	ug/kg	243	1		03/16/19 11:33	78-93-3	
tert-Butyl Alcohol	<486	ug/kg	486	1		03/16/19 11:33	75-65-0	
n-Butylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	104-51-8	
sec-Butylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	135-98-8	
tert-Butylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	98-06-6	
Carbon disulfide	<97.2	ug/kg	97.2	1		03/16/19 11:33	75-15-0	
Carbon tetrachloride	<48.6	ug/kg	48.6	1		03/16/19 11:33	56-23-5	
Chlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	108-90-7	
Chloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-00-3	
Chloroform	<48.6	ug/kg	48.6	1		03/16/19 11:33	67-66-3	
Chloromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	74-87-3	
2-Chlorotoluene	<48.6	ug/kg	48.6	1		03/16/19 11:33	95-49-8	
1,2-Dibromo-3-chloropropane	<97.2	ug/kg	97.2	1		03/16/19 11:33	96-12-8	
Dibromochloromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	124-48-1	
1,2-Dibromoethane (EDB)	<48.6	ug/kg	48.6	1		03/16/19 11:33	106-93-4	
Dibromomethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	74-95-3	
1,2-Dichlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	95-50-1	
1,3-Dichlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	541-73-1	
1,4-Dichlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	106-46-7	
trans-1,4-Dichloro-2-butene	<972	ug/kg	972	1		03/16/19 11:33	110-57-6	
Dichlorodifluoromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-71-8	
1,1-Dichloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-34-3	
1,2-Dichloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	107-06-2	
1,1-Dichloroethene	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-35-4	
cis-1,2-Dichloroethene	<48.6	ug/kg	48.6	1		03/16/19 11:33	156-59-2	
trans-1,2-Dichloroethene	<48.6	ug/kg	48.6	1		03/16/19 11:33	156-60-5	
1,2-Dichloropropane	<48.6	ug/kg	48.6	1		03/16/19 11:33	78-87-5	L1
cis-1,3-Dichloropropene	<48.6	ug/kg	48.6	1		03/16/19 11:33	10061-01-5	
trans-1,3-Dichloropropene	<48.6	ug/kg	48.6	1		03/16/19 11:33	10061-02-6	
Diethyl ether (Ethyl ether)	<48.6	ug/kg	48.6	1		03/16/19 11:33	60-29-7	
Ethylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	100-41-4	
2-Hexanone	<972	ug/kg	972	1		03/16/19 11:33	591-78-6	
Iodomethane	<972	ug/kg	972	1		03/16/19 11:33	74-88-4	
Isopropylbenzene (Cumene)	<48.6	ug/kg	48.6	1		03/16/19 11:33	98-82-8	
p-Isopropyltoluene	<48.6	ug/kg	48.6	1		03/16/19 11:33	99-87-6	
Methylene Chloride	<194	ug/kg	194	1		03/16/19 11:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	<243	ug/kg	243	1		03/16/19 11:33	108-10-1	
Methyl-tert-butyl ether	<48.6	ug/kg	48.6	1		03/16/19 11:33	1634-04-4	L1
Naphthalene	<48.6	ug/kg	48.6	1		03/16/19 11:33	91-20-3	
n-Propylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (1-2') Lab ID: 50218951023 Collected: 03/06/19 16:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.6	ug/kg	48.6	1		03/16/19 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	79-34-5	L1
Tetrachloroethene	<48.6	ug/kg	48.6	1		03/16/19 11:33	127-18-4	
Tetrahydrofuran	<972	ug/kg	972	1		03/16/19 11:33	109-99-9	
Toluene	<48.6	ug/kg	48.6	1		03/16/19 11:33	108-88-3	
1,2,3-Trichlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	87-61-6	
1,2,4-Trichlorobenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	120-82-1	
1,1,1-Trichloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	71-55-6	
1,1,2-Trichloroethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	79-00-5	
Trichloroethene	<48.6	ug/kg	48.6	1		03/16/19 11:33	79-01-6	
Trichlorofluoromethane	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-69-4	
1,2,3-Trichloropropane	<48.6	ug/kg	48.6	1		03/16/19 11:33	96-18-4	
1,2,3-Trimethylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	526-73-8	N2
1,2,4-Trimethylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	95-63-6	
1,3,5-Trimethylbenzene	<48.6	ug/kg	48.6	1		03/16/19 11:33	108-67-8	L2
Vinyl chloride	<48.6	ug/kg	48.6	1		03/16/19 11:33	75-01-4	
Xylene (Total)	<97.2	ug/kg	97.2	1		03/16/19 11:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		03/16/19 11:33	1868-53-7	
Toluene-d8 (S)	115	%.	71-128	1		03/16/19 11:33	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	56-144	1		03/16/19 11:33	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.7	%	0.10	1		03/15/19 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (5-6') **Lab ID:** 50218951024 **Collected:** 03/06/19 16:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	7180	ug/kg	1310	10	03/14/19 09:25	03/18/19 09:28	7440-38-2	
Barium	116000	ug/kg	655	5	03/14/19 09:25	03/15/19 07:20	7440-39-3	
Cadmium	9980	ug/kg	65.5	1	03/14/19 09:25	03/15/19 10:18	7440-43-9	
Chromium	21600	ug/kg	1310	5	03/14/19 09:25	03/15/19 07:20	7440-47-3	
Copper	18800	ug/kg	328	5	03/14/19 09:25	03/15/19 07:20	7440-50-8	
Lead	15400	ug/kg	131	1	03/14/19 09:25	03/15/19 10:18	7439-92-1	N2
Selenium	<1310	ug/kg	1310	10	03/14/19 09:25	03/18/19 09:28	7782-49-2	D3
Silver	<65.5	ug/kg	65.5	1	03/14/19 09:25	03/15/19 10:18	7440-22-4	
Zinc	55400	ug/kg	3280	5	03/14/19 09:25	03/15/19 07:20	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<273	ug/kg	273	1	03/13/19 22:30	03/14/19 11:18	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	83-32-9	
Acenaphthylene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	208-96-8	
Aniline	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	62-53-3	
Anthracene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	120-12-7	
Atrazine	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	1912-24-9	N2
Azobenzene	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	103-33-3	N2
Benidine	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	92-87-5	
Benzo(a)anthracene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	56-55-3	
Benzo(a)pyrene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	50-32-8	
Benzo(b)fluoranthene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	205-99-2	
Benzo(g,h,i)perylene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	191-24-2	
Benzo(k)fluoranthene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	207-08-9	
Benzoic acid	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	65-85-0	
Benzyl alcohol	<860	ug/kg	860	1	03/13/19 12:37	03/14/19 17:25	100-51-6	
4-Bromophenylphenyl ether	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	101-55-3	
Butylbenzylphthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	85-68-7	
Caprolactam	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	105-60-2	N2
Carbazole	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	86-74-8	
4-Chloro-3-methylphenol	<860	ug/kg	860	1	03/13/19 12:37	03/14/19 17:25	59-50-7	
bis(2-Chloroethoxy)methane	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	111-91-1	
bis(2-Chloroethyl) ether	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	111-44-4	
bis(2-Chloroisopropyl) ether	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	108-60-1	
2-Chloronaphthalene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	91-58-7	
2-Chlorophenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	95-57-8	
4-Chlorophenylphenyl ether	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	7005-72-3	
Chrysene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	218-01-9	
Dibenz(a,h)anthracene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	53-70-3	
Dibenzofuran	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	132-64-9	
3,3'-Dichlorobenzidine	<860	ug/kg	860	1	03/13/19 12:37	03/14/19 17:25	91-94-1	
2,4-Dichlorophenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	120-83-2	
Diethylphthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (5-6') **Lab ID: 50218951024** Collected: 03/06/19 16:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	105-67-9	
Dimethylphthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	131-11-3	
Di-n-butylphthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	84-74-2	
4,6-Dinitro-2-methylphenol	<860	ug/kg	860	1	03/13/19 12:37	03/14/19 17:25	534-52-1	
2,4-Dinitrophenol	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	51-28-5	
2,4-Dinitrotoluene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	121-14-2	
2,6-Dinitrotoluene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	606-20-2	
Di-n-octylphthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	117-84-0	
bis(2-Ethylhexyl)phthalate	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	117-81-7	
Fluoranthene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	206-44-0	
Fluorene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	86-73-7	
Hexachlorobenzene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	118-74-1	
Hexachlorocyclopentadiene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	77-47-4	
Hexachloroethane	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	67-72-1	
Indeno(1,2,3-cd)pyrene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	193-39-5	
Isophorone	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	78-59-1	
2-Methylnaphthalene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	91-57-6	
2-Methylphenol(o-Cresol)	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	<860	ug/kg	860	1	03/13/19 12:37	03/14/19 17:25		
2-Nitroaniline	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	88-74-4	
3-Nitroaniline	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	99-09-2	
4-Nitroaniline	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	100-01-6	
Nitrobenzene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	98-95-3	
2-Nitrophenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	88-75-5	
4-Nitrophenol	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	100-02-7	
N-Nitrosodimethylamine	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	62-75-9	
N-Nitroso-di-n-propylamine	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	621-64-7	
N-Nitrosodiphenylamine	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	86-30-6	
Pentachlorophenol	<2080	ug/kg	2080	1	03/13/19 12:37	03/14/19 17:25	87-86-5	
Phenanthrene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	85-01-8	
Phenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	108-95-2	
Pyrene	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	129-00-0	
Pyridine	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	110-86-1	
2,4,5-Trichlorophenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	95-95-4	
2,4,6-Trichlorophenol	<430	ug/kg	430	1	03/13/19 12:37	03/14/19 17:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%.	29-87	1	03/13/19 12:37	03/14/19 17:25	4165-60-0	
Phenol-d5 (S)	64	%.	24-99	1	03/13/19 12:37	03/14/19 17:25	4165-62-2	
2-Fluorophenol (S)	65	%.	22-99	1	03/13/19 12:37	03/14/19 17:25	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	19-117	1	03/13/19 12:37	03/14/19 17:25	118-79-6	
2-Fluorobiphenyl (S)	56	%.	29-93	1	03/13/19 12:37	03/14/19 17:25	321-60-8	
p-Terphenyl-d14 (S)	89	%.	26-127	1	03/13/19 12:37	03/14/19 17:25	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1150	ug/kg	1150	1	03/16/19 12:05	67-64-1
Acrylonitrile	<1150	ug/kg	1150	1	03/16/19 12:05	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (5-6') **Lab ID:** 50218951024 **Collected:** 03/06/19 16:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	71-43-2	
Bromobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	108-86-1	
Bromochloromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	74-97-5	
Bromodichloromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-27-4	
Bromoform	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-25-2	
Bromomethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	74-83-9	
2-Butanone (MEK)	<288	ug/kg	288	1		03/16/19 12:05	78-93-3	
tert-Butyl Alcohol	<575	ug/kg	575	1		03/16/19 12:05	75-65-0	
n-Butylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	104-51-8	
sec-Butylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	135-98-8	
tert-Butylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	98-06-6	
Carbon disulfide	<115	ug/kg	115	1		03/16/19 12:05	75-15-0	
Carbon tetrachloride	<57.5	ug/kg	57.5	1		03/16/19 12:05	56-23-5	
Chlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	108-90-7	
Chloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-00-3	
Chloroform	<57.5	ug/kg	57.5	1		03/16/19 12:05	67-66-3	
Chloromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	74-87-3	
2-Chlorotoluene	<57.5	ug/kg	57.5	1		03/16/19 12:05	95-49-8	
1,2-Dibromo-3-chloropropane	<115	ug/kg	115	1		03/16/19 12:05	96-12-8	
Dibromochloromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	124-48-1	
1,2-Dibromoethane (EDB)	<57.5	ug/kg	57.5	1		03/16/19 12:05	106-93-4	
Dibromomethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	74-95-3	
1,2-Dichlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	95-50-1	
1,3-Dichlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	541-73-1	
1,4-Dichlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	106-46-7	
trans-1,4-Dichloro-2-butene	<1150	ug/kg	1150	1		03/16/19 12:05	110-57-6	
Dichlorodifluoromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-71-8	
1,1-Dichloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-34-3	
1,2-Dichloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	107-06-2	
1,1-Dichloroethene	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-35-4	
cis-1,2-Dichloroethene	<57.5	ug/kg	57.5	1		03/16/19 12:05	156-59-2	
trans-1,2-Dichloroethene	<57.5	ug/kg	57.5	1		03/16/19 12:05	156-60-5	
1,2-Dichloropropane	<57.5	ug/kg	57.5	1		03/16/19 12:05	78-87-5	L1
cis-1,3-Dichloropropene	<57.5	ug/kg	57.5	1		03/16/19 12:05	10061-01-5	
trans-1,3-Dichloropropene	<57.5	ug/kg	57.5	1		03/16/19 12:05	10061-02-6	
Diethyl ether (Ethyl ether)	<57.5	ug/kg	57.5	1		03/16/19 12:05	60-29-7	
Ethylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	100-41-4	
2-Hexanone	<1150	ug/kg	1150	1		03/16/19 12:05	591-78-6	
Iodomethane	<1150	ug/kg	1150	1		03/16/19 12:05	74-88-4	
Isopropylbenzene (Cumene)	<57.5	ug/kg	57.5	1		03/16/19 12:05	98-82-8	
p-Isopropyltoluene	<57.5	ug/kg	57.5	1		03/16/19 12:05	99-87-6	
Methylene Chloride	<230	ug/kg	230	1		03/16/19 12:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	<288	ug/kg	288	1		03/16/19 12:05	108-10-1	
Methyl-tert-butyl ether	<57.5	ug/kg	57.5	1		03/16/19 12:05	1634-04-4	L1
Naphthalene	<57.5	ug/kg	57.5	1		03/16/19 12:05	91-20-3	
n-Propylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-12 (5-6') Lab ID: 50218951024 Collected: 03/06/19 16:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<57.5	ug/kg	57.5	1		03/16/19 12:05	100-42-5	
1,1,1,2-Tetrachloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	630-20-6	
1,1,2,2-Tetrachloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	79-34-5	L1
Tetrachloroethene	<57.5	ug/kg	57.5	1		03/16/19 12:05	127-18-4	
Tetrahydrofuran	<1150	ug/kg	1150	1		03/16/19 12:05	109-99-9	
Toluene	<57.5	ug/kg	57.5	1		03/16/19 12:05	108-88-3	
1,2,3-Trichlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	87-61-6	
1,2,4-Trichlorobenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	120-82-1	
1,1,1-Trichloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	71-55-6	
1,1,2-Trichloroethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	79-00-5	
Trichloroethene	<57.5	ug/kg	57.5	1		03/16/19 12:05	79-01-6	
Trichlorofluoromethane	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-69-4	
1,2,3-Trichloropropane	<57.5	ug/kg	57.5	1		03/16/19 12:05	96-18-4	
1,2,3-Trimethylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	526-73-8	N2
1,2,4-Trimethylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	95-63-6	
1,3,5-Trimethylbenzene	<57.5	ug/kg	57.5	1		03/16/19 12:05	108-67-8	L2
Vinyl chloride	<57.5	ug/kg	57.5	1		03/16/19 12:05	75-01-4	
Xylene (Total)	<115	ug/kg	115	1		03/16/19 12:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		03/16/19 12:05	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 12:05	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	56-144	1		03/16/19 12:05	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	24.0	%	0.10	1		03/15/19 10:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (1-2') Lab ID: 50218951025 Collected: 03/06/19 16:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1980	ug/kg	583	5	03/14/19 09:25	03/15/19 07:24	7440-38-2	
Barium	268000	ug/kg	5830	50	03/14/19 09:25	03/18/19 08:51	7440-39-3	
Cadmium	31700	ug/kg	117	2	03/14/19 09:25	03/15/19 10:28	7440-43-9	
Chromium	14300	ug/kg	467	2	03/14/19 09:25	03/15/19 10:28	7440-47-3	
Copper	8040000	ug/kg	29200	500	03/14/19 09:25	03/18/19 08:23	7440-50-8	
Lead	1220000	ug/kg	58300	500	03/14/19 09:25	03/18/19 08:23	7439-92-1	N2
Selenium	741	ug/kg	583	5	03/14/19 09:25	03/15/19 07:24	7782-49-2	
Silver	3120	ug/kg	117	2	03/14/19 09:25	03/15/19 10:28	7440-22-4	
Zinc	850000	ug/kg	29200	50	03/14/19 09:25	03/18/19 08:51	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<231	ug/kg	231	1	03/13/19 22:30	03/14/19 11:21	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	208-96-8	
Aniline	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	62-53-3	
Anthracene	393	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	120-12-7	
Atrazine	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	92-87-5	
Benzo(a)anthracene	1620	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	56-55-3	
Benzo(a)pyrene	1150	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	50-32-8	
Benzo(b)fluoranthene	1540	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	205-99-2	
Benzo(g,h,i)perylene	629	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	191-24-2	
Benzo(k)fluoranthene	511	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	65-85-0	
Benzyl alcohol	<775	ug/kg	775	1	03/13/19 12:37	03/15/19 08:51	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	86-74-8	
4-Chloro-3-methylphenol	<775	ug/kg	775	1	03/13/19 12:37	03/15/19 08:51	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	7005-72-3	
Chrysene	1570	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	132-64-9	
3,3'-Dichlorobenzidine	<775	ug/kg	775	1	03/13/19 12:37	03/15/19 08:51	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (1-2') **Lab ID:** 50218951025 **Collected:** 03/06/19 16:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	84-74-2	
4,6-Dinitro-2-methylphenol	<775	ug/kg	775	1	03/13/19 12:37	03/15/19 08:51	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	117-81-7	
Fluoranthene	2060	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	206-44-0	
Fluorene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	67-72-1	
Indeno(1,2,3-cd)pyrene	542	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	193-39-5	
Isophorone	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	<775	ug/kg	775	1	03/13/19 12:37	03/15/19 08:51		
2-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/13/19 12:37	03/15/19 08:51	87-86-5	
Phenanthrene	1430	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	85-01-8	
Phenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	108-95-2	
Pyrene	2080	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	129-00-0	
Pyridine	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/13/19 12:37	03/15/19 08:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%	29-87	1	03/13/19 12:37	03/15/19 08:51	4165-60-0	
Phenol-d5 (S)	69	%	24-99	1	03/13/19 12:37	03/15/19 08:51	4165-62-2	
2-Fluorophenol (S)	69	%	22-99	1	03/13/19 12:37	03/15/19 08:51	367-12-4	
2,4,6-Tribromophenol (S)	71	%	19-117	1	03/13/19 12:37	03/15/19 08:51	118-79-6	
2-Fluorobiphenyl (S)	69	%	29-93	1	03/13/19 12:37	03/15/19 08:51	321-60-8	
p-Terphenyl-d14 (S)	81	%	26-127	1	03/13/19 12:37	03/15/19 08:51	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<974	ug/kg	974	1		03/16/19 12:38	67-64-1	
Acrylonitrile	<974	ug/kg	974	1		03/16/19 12:38	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (1-2') Lab ID: 50218951025 Collected: 03/06/19 16:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	71-43-2	
Bromobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	108-86-1	
Bromochloromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	74-97-5	
Bromodichloromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-27-4	
Bromoform	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-25-2	
Bromomethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	74-83-9	
2-Butanone (MEK)	<243	ug/kg	243	1		03/16/19 12:38	78-93-3	
tert-Butyl Alcohol	<487	ug/kg	487	1		03/16/19 12:38	75-65-0	
n-Butylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	104-51-8	
sec-Butylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	135-98-8	
tert-Butylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	98-06-6	
Carbon disulfide	<97.4	ug/kg	97.4	1		03/16/19 12:38	75-15-0	
Carbon tetrachloride	<48.7	ug/kg	48.7	1		03/16/19 12:38	56-23-5	
Chlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	108-90-7	
Chloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-00-3	
Chloroform	<48.7	ug/kg	48.7	1		03/16/19 12:38	67-66-3	
Chloromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	74-87-3	
2-Chlorotoluene	<48.7	ug/kg	48.7	1		03/16/19 12:38	95-49-8	
1,2-Dibromo-3-chloropropane	<97.4	ug/kg	97.4	1		03/16/19 12:38	96-12-8	
Dibromochloromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	124-48-1	
1,2-Dibromoethane (EDB)	<48.7	ug/kg	48.7	1		03/16/19 12:38	106-93-4	
Dibromomethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	74-95-3	
1,2-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	95-50-1	
1,3-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	541-73-1	
1,4-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	106-46-7	
trans-1,4-Dichloro-2-butene	<974	ug/kg	974	1		03/16/19 12:38	110-57-6	
Dichlorodifluoromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-71-8	
1,1-Dichloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-34-3	
1,2-Dichloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	107-06-2	
1,1-Dichloroethene	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-35-4	
cis-1,2-Dichloroethene	<48.7	ug/kg	48.7	1		03/16/19 12:38	156-59-2	
trans-1,2-Dichloroethene	<48.7	ug/kg	48.7	1		03/16/19 12:38	156-60-5	
1,2-Dichloropropane	<48.7	ug/kg	48.7	1		03/16/19 12:38	78-87-5	L1
cis-1,3-Dichloropropene	<48.7	ug/kg	48.7	1		03/16/19 12:38	10061-01-5	
trans-1,3-Dichloropropene	<48.7	ug/kg	48.7	1		03/16/19 12:38	10061-02-6	
Diethyl ether (Ethyl ether)	<48.7	ug/kg	48.7	1		03/16/19 12:38	60-29-7	
Ethylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	100-41-4	
2-Hexanone	<974	ug/kg	974	1		03/16/19 12:38	591-78-6	
Iodomethane	<974	ug/kg	974	1		03/16/19 12:38	74-88-4	
Isopropylbenzene (Cumene)	<48.7	ug/kg	48.7	1		03/16/19 12:38	98-82-8	
p-Isopropyltoluene	<48.7	ug/kg	48.7	1		03/16/19 12:38	99-87-6	
Methylene Chloride	<195	ug/kg	195	1		03/16/19 12:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	<243	ug/kg	243	1		03/16/19 12:38	108-10-1	
Methyl-tert-butyl ether	<48.7	ug/kg	48.7	1		03/16/19 12:38	1634-04-4	L1
Naphthalene	<48.7	ug/kg	48.7	1		03/16/19 12:38	91-20-3	
n-Propylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (1-2') Lab ID: 50218951025 Collected: 03/06/19 16:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.7	ug/kg	48.7	1		03/16/19 12:38	100-42-5	
1,1,1,2-Tetrachloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	630-20-6	
1,1,2,2-Tetrachloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	79-34-5	L1
Tetrachloroethene	<48.7	ug/kg	48.7	1		03/16/19 12:38	127-18-4	
Tetrahydrofuran	<97.4	ug/kg	97.4	1		03/16/19 12:38	109-99-9	
Toluene	<48.7	ug/kg	48.7	1		03/16/19 12:38	108-88-3	
1,2,3-Trichlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	87-61-6	
1,2,4-Trichlorobenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	120-82-1	
1,1,1-Trichloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	71-55-6	
1,1,2-Trichloroethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	79-00-5	
Trichloroethene	<48.7	ug/kg	48.7	1		03/16/19 12:38	79-01-6	
Trichlorofluoromethane	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-69-4	
1,2,3-Trichloropropane	<48.7	ug/kg	48.7	1		03/16/19 12:38	96-18-4	
1,2,3-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	526-73-8	N2
1,2,4-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	95-63-6	
1,3,5-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/16/19 12:38	108-67-8	L2
Vinyl chloride	<48.7	ug/kg	48.7	1		03/16/19 12:38	75-01-4	
Xylene (Total)	<97.4	ug/kg	97.4	1		03/16/19 12:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		03/16/19 12:38	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 12:38	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	56-144	1		03/16/19 12:38	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.2	%	0.10	1		03/15/19 10:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (3-4') Lab ID: 50218951026 Collected: 03/06/19 16:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6100	ug/kg	589	5	03/14/19 09:25	03/15/19 07:29	7440-38-2	
Barium	78000	ug/kg	589	5	03/14/19 09:25	03/15/19 07:29	7440-39-3	
Cadmium	132	ug/kg	58.9	1	03/14/19 09:25	03/15/19 10:41	7440-43-9	
Chromium	16100	ug/kg	1180	5	03/14/19 09:25	03/15/19 07:29	7440-47-3	
Copper	12600	ug/kg	294	5	03/14/19 09:25	03/15/19 07:29	7440-50-8	
Lead	18900	ug/kg	118	1	03/14/19 09:25	03/15/19 10:41	7439-92-1	N2
Selenium	825	ug/kg	589	5	03/14/19 09:25	03/15/19 07:29	7782-49-2	
Silver	<58.9	ug/kg	58.9	1	03/14/19 09:25	03/15/19 10:41	7440-22-4	
Zinc	51500	ug/kg	2940	5	03/14/19 09:25	03/15/19 07:29	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<225	ug/kg	225	1	03/13/19 22:30	03/14/19 11:23	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	83-32-9	
Acenaphthylene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	208-96-8	
Aniline	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	62-53-3	
Anthracene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	120-12-7	
Atrazine	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	92-87-5	
Benzo(a)anthracene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	56-55-3	
Benzo(a)pyrene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	50-32-8	
Benzo(b)fluoranthene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	205-99-2	
Benzo(g,h,i)perylene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	191-24-2	
Benzo(k)fluoranthene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	65-85-0	
Benzyl alcohol	<786	ug/kg	786	1	03/14/19 13:44	03/15/19 09:55	100-51-6	
4-Bromophenylphenyl ether	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	101-55-3	
Butylbenzylphthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	85-68-7	
Caprolactam	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	105-60-2	N2
Carbazole	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	86-74-8	
4-Chloro-3-methylphenol	<786	ug/kg	786	1	03/14/19 13:44	03/15/19 09:55	59-50-7	
bis(2-Chloroethoxy)methane	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	111-91-1	
bis(2-Chloroethyl) ether	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	111-44-4	
bis(2-Chloroisopropyl) ether	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	108-60-1	
2-Chloronaphthalene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	91-58-7	
2-Chlorophenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	95-57-8	
4-Chlorophenylphenyl ether	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	7005-72-3	
Chrysene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	218-01-9	
Dibenz(a,h)anthracene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	53-70-3	
Dibenzofuran	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	132-64-9	
3,3'-Dichlorobenzidine	<786	ug/kg	786	1	03/14/19 13:44	03/15/19 09:55	91-94-1	
2,4-Dichlorophenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	120-83-2	
Diethylphthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (3-4) **Lab ID: 50218951026** Collected: 03/06/19 16:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	105-67-9	
Dimethylphthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	131-11-3	
Di-n-butylphthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	84-74-2	
4,6-Dinitro-2-methylphenol	<786	ug/kg	786	1	03/14/19 13:44	03/15/19 09:55	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	51-28-5	
2,4-Dinitrotoluene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	121-14-2	
2,6-Dinitrotoluene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	606-20-2	
Di-n-octylphthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	117-84-0	
bis(2-Ethylhexyl)phthalate	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	117-81-7	
Fluoranthene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	206-44-0	
Fluorene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	86-73-7	
Hexachlorobenzene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	118-74-1	
Hexachlorocyclopentadiene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	77-47-4	
Hexachloroethane	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	67-72-1	
Indeno(1,2,3-cd)pyrene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	193-39-5	
Isophorone	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	78-59-1	
2-Methylnaphthalene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	91-57-6	
2-Methylphenol(o-Cresol)	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	<786	ug/kg	786	1	03/14/19 13:44	03/15/19 09:55		
2-Nitroaniline	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	88-74-4	
3-Nitroaniline	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	99-09-2	
4-Nitroaniline	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	100-01-6	
Nitrobenzene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	98-95-3	
2-Nitrophenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	100-02-7	
N-Nitrosodimethylamine	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	62-75-9	
N-Nitroso-di-n-propylamine	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	621-64-7	
N-Nitrosodiphenylamine	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 09:55	87-86-5	
Phenanthrene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	85-01-8	
Phenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	108-95-2	
Pyrene	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	129-00-0	
Pyridine	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	110-86-1	
2,4,5-Trichlorophenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	95-95-4	
2,4,6-Trichlorophenol	<393	ug/kg	393	1	03/14/19 13:44	03/15/19 09:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	64	%	29-87	1	03/14/19 13:44	03/15/19 09:55	4165-60-0	
Phenol-d5 (S)	67	%	24-99	1	03/14/19 13:44	03/15/19 09:55	4165-62-2	
2-Fluorophenol (S)	69	%	22-99	1	03/14/19 13:44	03/15/19 09:55	367-12-4	
2,4,6-Tribromophenol (S)	71	%	19-117	1	03/14/19 13:44	03/15/19 09:55	118-79-6	
2-Fluorobiphenyl (S)	59	%	29-93	1	03/14/19 13:44	03/15/19 09:55	321-60-8	
p-Terphenyl-d14 (S)	79	%	26-127	1	03/14/19 13:44	03/15/19 09:55	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1	03/16/19 13:10	67-64-1
Acrylonitrile	<1050	ug/kg	1050	1	03/16/19 13:10	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (3-4') Lab ID: 50218951026 Collected: 03/06/19 16:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	71-43-2	
Bromobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	108-86-1	
Bromochloromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	74-97-5	
Bromodichloromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-27-4	
Bromoform	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-25-2	
Bromomethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	74-83-9	
2-Butanone (MEK)	<262	ug/kg	262	1		03/16/19 13:10	78-93-3	
tert-Butyl Alcohol	<524	ug/kg	524	1		03/16/19 13:10	75-65-0	
n-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	104-51-8	
sec-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	135-98-8	
tert-Butylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/16/19 13:10	75-15-0	
Carbon tetrachloride	<52.4	ug/kg	52.4	1		03/16/19 13:10	56-23-5	
Chlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	108-90-7	
Chloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-00-3	
Chloroform	<52.4	ug/kg	52.4	1		03/16/19 13:10	67-66-3	
Chloromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	74-87-3	
2-Chlorotoluene	<52.4	ug/kg	52.4	1		03/16/19 13:10	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/16/19 13:10	96-12-8	
Dibromochloromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	124-48-1	
1,2-Dibromoethane (EDB)	<52.4	ug/kg	52.4	1		03/16/19 13:10	106-93-4	
Dibromomethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	74-95-3	
1,2-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	95-50-1	
1,3-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	541-73-1	
1,4-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/16/19 13:10	110-57-6	
Dichlorodifluoromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-71-8	
1,1-Dichloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-34-3	
1,2-Dichloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	107-06-2	
1,1-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-35-4	
cis-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 13:10	156-59-2	
trans-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/16/19 13:10	156-60-5	
1,2-Dichloropropane	<52.4	ug/kg	52.4	1		03/16/19 13:10	78-87-5	L1
cis-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/16/19 13:10	10061-01-5	
trans-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/16/19 13:10	10061-02-6	
Diethyl ether (Ethyl ether)	<52.4	ug/kg	52.4	1		03/16/19 13:10	60-29-7	
Ethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/16/19 13:10	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/16/19 13:10	74-88-4	
Isopropylbenzene (Cumene)	<52.4	ug/kg	52.4	1		03/16/19 13:10	98-82-8	
p-Isopropyltoluene	<52.4	ug/kg	52.4	1		03/16/19 13:10	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/16/19 13:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	<262	ug/kg	262	1		03/16/19 13:10	108-10-1	
Methyl-tert-butyl ether	<52.4	ug/kg	52.4	1		03/16/19 13:10	1634-04-4	L1
Naphthalene	<52.4	ug/kg	52.4	1		03/16/19 13:10	91-20-3	
n-Propylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-13 (3-4') Lab ID: 50218951026 Collected: 03/06/19 16:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.4	ug/kg	52.4	1		03/16/19 13:10	100-42-5	
1,1,1,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	630-20-6	
1,1,2,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	79-34-5	L1
Tetrachloroethene	<52.4	ug/kg	52.4	1		03/16/19 13:10	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/16/19 13:10	109-99-9	
Toluene	<52.4	ug/kg	52.4	1		03/16/19 13:10	108-88-3	
1,2,3-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	87-61-6	
1,2,4-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	120-82-1	
1,1,1-Trichloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	71-55-6	
1,1,2-Trichloroethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	79-00-5	
Trichloroethene	<52.4	ug/kg	52.4	1		03/16/19 13:10	79-01-6	
Trichlorofluoromethane	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-69-4	
1,2,3-Trichloropropane	<52.4	ug/kg	52.4	1		03/16/19 13:10	96-18-4	
1,2,3-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	526-73-8	N2
1,2,4-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	95-63-6	
1,3,5-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/16/19 13:10	108-67-8	L2
Vinyl chloride	<52.4	ug/kg	52.4	1		03/16/19 13:10	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/16/19 13:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		03/16/19 13:10	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 13:10	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	56-144	1		03/16/19 13:10	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.3	%	0.10	1		03/18/19 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (1-2') Lab ID: 50218951027 Collected: 03/07/19 09:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5790	ug/kg	554	5	03/14/19 09:25	03/15/19 07:33	7440-38-2	
Barium	39800	ug/kg	554	5	03/14/19 09:25	03/15/19 07:33	7440-39-3	
Cadmium	70600	ug/kg	277	5	03/14/19 09:25	03/15/19 07:33	7440-43-9	
Chromium	18300	ug/kg	1110	5	03/14/19 09:25	03/15/19 07:33	7440-47-3	
Copper	11600	ug/kg	277	5	03/14/19 09:25	03/15/19 07:33	7440-50-8	
Lead	20600	ug/kg	111	1	03/14/19 09:25	03/15/19 10:46	7439-92-1	N2
Selenium	842	ug/kg	554	5	03/14/19 09:25	03/15/19 07:33	7782-49-2	
Silver	<55.4	ug/kg	55.4	1	03/14/19 09:25	03/15/19 10:46	7440-22-4	
Zinc	3650000	ug/kg	111000	200	03/14/19 09:25	03/18/19 08:28	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<249	ug/kg	249	1	03/13/19 22:30	03/14/19 11:25	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	83-32-9	
Acenaphthylene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	208-96-8	
Aniline	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	62-53-3	
Anthracene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	120-12-7	
Atrazine	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	103-33-3	N2
Benidine	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	92-87-5	
Benzo(a)anthracene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	56-55-3	
Benzo(a)pyrene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	50-32-8	
Benzo(b)fluoranthene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	205-99-2	
Benzo(g,h,i)perylene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	191-24-2	
Benzo(k)fluoranthene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	65-85-0	
Benzyl alcohol	<795	ug/kg	795	1	03/14/19 13:44	03/15/19 10:11	100-51-6	
4-Bromophenylphenyl ether	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	101-55-3	
Butylbenzylphthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	85-68-7	
Caprolactam	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	105-60-2	N2
Carbazole	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	86-74-8	
4-Chloro-3-methylphenol	<795	ug/kg	795	1	03/14/19 13:44	03/15/19 10:11	59-50-7	
bis(2-Chloroethoxy)methane	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	111-91-1	
bis(2-Chloroethyl) ether	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	111-44-4	
bis(2-Chloroisopropyl) ether	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	108-60-1	
2-Chloronaphthalene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	91-58-7	
2-Chlorophenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	95-57-8	
4-Chlorophenylphenyl ether	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	7005-72-3	
Chrysene	522	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	218-01-9	
Dibenz(a,h)anthracene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	53-70-3	
Dibenzofuran	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	132-64-9	
3,3'-Dichlorobenzidine	<795	ug/kg	795	1	03/14/19 13:44	03/15/19 10:11	91-94-1	
2,4-Dichlorophenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	120-83-2	
Diethylphthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (1-2') **Lab ID:** 50218951027 **Collected:** 03/07/19 09:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	105-67-9	
Dimethylphthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	131-11-3	
Di-n-butylphthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	84-74-2	
4,6-Dinitro-2-methylphenol	<795	ug/kg	795	1	03/14/19 13:44	03/15/19 10:11	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	51-28-5	
2,4-Dinitrotoluene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	121-14-2	
2,6-Dinitrotoluene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	606-20-2	
Di-n-octylphthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	117-84-0	
bis(2-Ethylhexyl)phthalate	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	117-81-7	
Fluoranthene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	206-44-0	
Fluorene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	86-73-7	
Hexachlorobenzene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	118-74-1	
Hexachlorocyclopentadiene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	77-47-4	
Hexachloroethane	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	67-72-1	
Indeno(1,2,3-cd)pyrene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	193-39-5	
Isophorone	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	78-59-1	
2-Methylnaphthalene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	91-57-6	
2-Methylphenol(o-Cresol)	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	<795	ug/kg	795	1	03/14/19 13:44	03/15/19 10:11		
2-Nitroaniline	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	88-74-4	
3-Nitroaniline	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	99-09-2	
4-Nitroaniline	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	100-01-6	
Nitrobenzene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	98-95-3	
2-Nitrophenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	100-02-7	
N-Nitrosodimethylamine	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	62-75-9	
N-Nitroso-di-n-propylamine	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	621-64-7	
N-Nitrosodiphenylamine	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 10:11	87-86-5	
Phenanthrene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	85-01-8	
Phenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	108-95-2	
Pyrene	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	129-00-0	
Pyridine	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	110-86-1	
2,4,5-Trichlorophenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	95-95-4	
2,4,6-Trichlorophenol	<398	ug/kg	398	1	03/14/19 13:44	03/15/19 10:11	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%	29-87	1	03/14/19 13:44	03/15/19 10:11	4165-60-0	
Phenol-d5 (S)	54	%	24-99	1	03/14/19 13:44	03/15/19 10:11	4165-62-2	
2-Fluorophenol (S)	58	%	22-99	1	03/14/19 13:44	03/15/19 10:11	367-12-4	
2,4,6-Tribromophenol (S)	62	%	19-117	1	03/14/19 13:44	03/15/19 10:11	118-79-6	
2-Fluorobiphenyl (S)	58	%	29-93	1	03/14/19 13:44	03/15/19 10:11	321-60-8	
p-Terphenyl-d14 (S)	70	%	26-127	1	03/14/19 13:44	03/15/19 10:11	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1030	ug/kg	1030	1	03/16/19 13:43	67-64-1
Acrylonitrile	<1030	ug/kg	1030	1	03/16/19 13:43	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (1-2') **Lab ID:** 50218951027 **Collected:** 03/07/19 09:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	71-43-2	
Bromobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	108-86-1	
Bromochloromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	74-97-5	
Bromodichloromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-27-4	
Bromoform	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-25-2	
Bromomethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	74-83-9	
2-Butanone (MEK)	<257	ug/kg	257	1		03/16/19 13:43	78-93-3	
tert-Butyl Alcohol	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-65-0	
n-Butylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	104-51-8	
sec-Butylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	135-98-8	
tert-Butylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	98-06-6	
Carbon disulfide	<103	ug/kg	103	1		03/16/19 13:43	75-15-0	
Carbon tetrachloride	<51.4	ug/kg	51.4	1		03/16/19 13:43	56-23-5	
Chlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	108-90-7	
Chloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-00-3	
Chloroform	<51.4	ug/kg	51.4	1		03/16/19 13:43	67-66-3	
Chloromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	74-87-3	
2-Chlorotoluene	<51.4	ug/kg	51.4	1		03/16/19 13:43	95-49-8	
1,2-Dibromo-3-chloropropane	<103	ug/kg	103	1		03/16/19 13:43	96-12-8	
Dibromochloromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	124-48-1	
1,2-Dibromoethane (EDB)	<51.4	ug/kg	51.4	1		03/16/19 13:43	106-93-4	
Dibromomethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	74-95-3	
1,2-Dichlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	95-50-1	
1,3-Dichlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	541-73-1	
1,4-Dichlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	106-46-7	
trans-1,4-Dichloro-2-butene	<1030	ug/kg	1030	1		03/16/19 13:43	110-57-6	
Dichlorodifluoromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-71-8	
1,1-Dichloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-34-3	
1,2-Dichloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	107-06-2	
1,1-Dichloroethene	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-35-4	
cis-1,2-Dichloroethene	<51.4	ug/kg	51.4	1		03/16/19 13:43	156-59-2	
trans-1,2-Dichloroethene	<51.4	ug/kg	51.4	1		03/16/19 13:43	156-60-5	
1,2-Dichloropropane	<51.4	ug/kg	51.4	1		03/16/19 13:43	78-87-5	L1
cis-1,3-Dichloropropene	<51.4	ug/kg	51.4	1		03/16/19 13:43	10061-01-5	
trans-1,3-Dichloropropene	<51.4	ug/kg	51.4	1		03/16/19 13:43	10061-02-6	
Diethyl ether (Ethyl ether)	<51.4	ug/kg	51.4	1		03/16/19 13:43	60-29-7	
Ethylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	100-41-4	
2-Hexanone	<1030	ug/kg	1030	1		03/16/19 13:43	591-78-6	
Iodomethane	<1030	ug/kg	1030	1		03/16/19 13:43	74-88-4	
Isopropylbenzene (Cumene)	<51.4	ug/kg	51.4	1		03/16/19 13:43	98-82-8	
p-Isopropyltoluene	<51.4	ug/kg	51.4	1		03/16/19 13:43	99-87-6	
Methylene Chloride	<206	ug/kg	206	1		03/16/19 13:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	<257	ug/kg	257	1		03/16/19 13:43	108-10-1	
Methyl-tert-butyl ether	<51.4	ug/kg	51.4	1		03/16/19 13:43	1634-04-4	L1
Naphthalene	<51.4	ug/kg	51.4	1		03/16/19 13:43	91-20-3	
n-Propylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (1-2') Lab ID: 50218951027 Collected: 03/07/19 09:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<51.4	ug/kg	51.4	1		03/16/19 13:43	100-42-5	
1,1,1,2-Tetrachloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	630-20-6	
1,1,2,2-Tetrachloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	79-34-5	L1
Tetrachloroethene	<51.4	ug/kg	51.4	1		03/16/19 13:43	127-18-4	
Tetrahydrofuran	<1030	ug/kg	1030	1		03/16/19 13:43	109-99-9	
Toluene	<51.4	ug/kg	51.4	1		03/16/19 13:43	108-88-3	
1,2,3-Trichlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	87-61-6	
1,2,4-Trichlorobenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	120-82-1	
1,1,1-Trichloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	71-55-6	
1,1,2-Trichloroethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	79-00-5	
Trichloroethene	<51.4	ug/kg	51.4	1		03/16/19 13:43	79-01-6	
Trichlorofluoromethane	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-69-4	
1,2,3-Trichloropropane	<51.4	ug/kg	51.4	1		03/16/19 13:43	96-18-4	
1,2,3-Trimethylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	526-73-8	N2
1,2,4-Trimethylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	95-63-6	
1,3,5-Trimethylbenzene	<51.4	ug/kg	51.4	1		03/16/19 13:43	108-67-8	L2
Vinyl chloride	<51.4	ug/kg	51.4	1		03/16/19 13:43	75-01-4	
Xylene (Total)	<103	ug/kg	103	1		03/16/19 13:43	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	85-118	1		03/16/19 13:43	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 13:43	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	56-144	1		03/16/19 13:43	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.8	%	0.10	1		03/18/19 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (3-4') **Lab ID:** 50218951028 **Collected:** 03/07/19 09:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5530	ug/kg	1140	10	03/14/19 09:25	03/18/19 09:32	7440-38-2	
Barium	58400	ug/kg	572	5	03/14/19 09:25	03/15/19 07:47	7440-39-3	
Cadmium	82100	ug/kg	286	5	03/14/19 09:25	03/15/19 07:47	7440-43-9	
Chromium	18400	ug/kg	1140	5	03/14/19 09:25	03/15/19 07:47	7440-47-3	
Copper	46300	ug/kg	286	5	03/14/19 09:25	03/15/19 07:47	7440-50-8	
Lead	19400	ug/kg	114	1	03/14/19 09:25	03/15/19 10:55	7439-92-1	N2
Selenium	1590	ug/kg	1140	10	03/14/19 09:25	03/18/19 09:32	7782-49-2	
Silver	84.6	ug/kg	57.2	1	03/14/19 09:25	03/15/19 10:55	7440-22-4	
Zinc	5010000	ug/kg	143000	250	03/14/19 09:25	03/19/19 01:24	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<240	ug/kg	240	1	03/13/19 22:30	03/14/19 11:28	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	83-32-9	
Acenaphthylene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	208-96-8	
Aniline	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	62-53-3	
Anthracene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	120-12-7	
Atrazine	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	1912-24-9	N2
Azobenzene	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	103-33-3	N2
Benidine	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	92-87-5	
Benzo(a)anthracene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	56-55-3	
Benzo(a)pyrene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	50-32-8	
Benzo(b)fluoranthene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	205-99-2	
Benzo(g,h,i)perylene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	191-24-2	
Benzo(k)fluoranthene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	207-08-9	
Benzoic acid	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	65-85-0	
Benzyl alcohol	<814	ug/kg	814	1	03/14/19 13:44	03/15/19 10:27	100-51-6	
4-Bromophenylphenyl ether	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	101-55-3	
Butylbenzylphthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	85-68-7	
Caprolactam	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	105-60-2	N2
Carbazole	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	86-74-8	
4-Chloro-3-methylphenol	<814	ug/kg	814	1	03/14/19 13:44	03/15/19 10:27	59-50-7	
bis(2-Chloroethoxy)methane	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	111-91-1	
bis(2-Chloroethyl) ether	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	111-44-4	
bis(2-Chloroisopropyl) ether	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	108-60-1	
2-Chloronaphthalene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	91-58-7	
2-Chlorophenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	95-57-8	
4-Chlorophenylphenyl ether	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	7005-72-3	
Chrysene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	218-01-9	
Dibenz(a,h)anthracene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	53-70-3	
Dibenzofuran	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	132-64-9	
3,3'-Dichlorobenzidine	<814	ug/kg	814	1	03/14/19 13:44	03/15/19 10:27	91-94-1	
2,4-Dichlorophenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	120-83-2	
Diethylphthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (3-4') **Lab ID:** 50218951028 **Collected:** 03/07/19 09:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	105-67-9	
Dimethylphthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	131-11-3	
Di-n-butylphthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	84-74-2	
4,6-Dinitro-2-methylphenol	<814	ug/kg	814	1	03/14/19 13:44	03/15/19 10:27	534-52-1	
2,4-Dinitrophenol	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	51-28-5	
2,4-Dinitrotoluene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	121-14-2	
2,6-Dinitrotoluene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	606-20-2	
Di-n-octylphthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	117-84-0	
bis(2-Ethylhexyl)phthalate	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	117-81-7	
Fluoranthene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	206-44-0	
Fluorene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	86-73-7	
Hexachlorobenzene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	118-74-1	
Hexachlorocyclopentadiene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	77-47-4	
Hexachloroethane	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	67-72-1	
Indeno(1,2,3-cd)pyrene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	193-39-5	
Isophorone	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	78-59-1	
2-Methylnaphthalene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	91-57-6	
2-Methylphenol(o-Cresol)	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	<814	ug/kg	814	1	03/14/19 13:44	03/15/19 10:27		
2-Nitroaniline	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	88-74-4	
3-Nitroaniline	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	99-09-2	
4-Nitroaniline	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	100-01-6	
Nitrobenzene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	98-95-3	
2-Nitrophenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	88-75-5	
4-Nitrophenol	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	100-02-7	
N-Nitrosodimethylamine	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	62-75-9	
N-Nitroso-di-n-propylamine	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	621-64-7	
N-Nitrosodiphenylamine	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	86-30-6	
Pentachlorophenol	<1970	ug/kg	1970	1	03/14/19 13:44	03/15/19 10:27	87-86-5	
Phenanthrene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	85-01-8	
Phenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	108-95-2	
Pyrene	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	129-00-0	
Pyridine	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	110-86-1	
2,4,5-Trichlorophenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	95-95-4	
2,4,6-Trichlorophenol	<407	ug/kg	407	1	03/14/19 13:44	03/15/19 10:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	63	%.	29-87	1	03/14/19 13:44	03/15/19 10:27	4165-60-0	
Phenol-d5 (S)	67	%.	24-99	1	03/14/19 13:44	03/15/19 10:27	4165-62-2	
2-Fluorophenol (S)	67	%.	22-99	1	03/14/19 13:44	03/15/19 10:27	367-12-4	
2,4,6-Tribromophenol (S)	58	%.	19-117	1	03/14/19 13:44	03/15/19 10:27	118-79-6	
2-Fluorobiphenyl (S)	59	%.	29-93	1	03/14/19 13:44	03/15/19 10:27	321-60-8	
p-Terphenyl-d14 (S)	67	%.	26-127	1	03/14/19 13:44	03/15/19 10:27	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1060	ug/kg	1060	1	03/16/19 14:16	67-64-1
Acrylonitrile	<1060	ug/kg	1060	1	03/16/19 14:16	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (3-4') **Lab ID:** 50218951028 **Collected:** 03/07/19 09:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	71-43-2	
Bromobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	108-86-1	
Bromochloromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	74-97-5	
Bromodichloromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-27-4	
Bromoform	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-25-2	
Bromomethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	74-83-9	
2-Butanone (MEK)	<266	ug/kg	266	1		03/16/19 14:16	78-93-3	
tert-Butyl Alcohol	<532	ug/kg	532	1		03/16/19 14:16	75-65-0	
n-Butylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	104-51-8	
sec-Butylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	135-98-8	
tert-Butylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	98-06-6	
Carbon disulfide	<106	ug/kg	106	1		03/16/19 14:16	75-15-0	
Carbon tetrachloride	<53.2	ug/kg	53.2	1		03/16/19 14:16	56-23-5	
Chlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	108-90-7	
Chloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-00-3	
Chloroform	<53.2	ug/kg	53.2	1		03/16/19 14:16	67-66-3	
Chloromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	74-87-3	
2-Chlorotoluene	<53.2	ug/kg	53.2	1		03/16/19 14:16	95-49-8	
1,2-Dibromo-3-chloropropane	<106	ug/kg	106	1		03/16/19 14:16	96-12-8	
Dibromochloromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	124-48-1	
1,2-Dibromoethane (EDB)	<53.2	ug/kg	53.2	1		03/16/19 14:16	106-93-4	
Dibromomethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	74-95-3	
1,2-Dichlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	95-50-1	
1,3-Dichlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	541-73-1	
1,4-Dichlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	106-46-7	
trans-1,4-Dichloro-2-butene	<1060	ug/kg	1060	1		03/16/19 14:16	110-57-6	
Dichlorodifluoromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-71-8	
1,1-Dichloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-34-3	
1,2-Dichloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	107-06-2	
1,1-Dichloroethene	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-35-4	
cis-1,2-Dichloroethene	<53.2	ug/kg	53.2	1		03/16/19 14:16	156-59-2	
trans-1,2-Dichloroethene	<53.2	ug/kg	53.2	1		03/16/19 14:16	156-60-5	
1,2-Dichloropropane	<53.2	ug/kg	53.2	1		03/16/19 14:16	78-87-5	L1
cis-1,3-Dichloropropene	<53.2	ug/kg	53.2	1		03/16/19 14:16	10061-01-5	
trans-1,3-Dichloropropene	<53.2	ug/kg	53.2	1		03/16/19 14:16	10061-02-6	
Diethyl ether (Ethyl ether)	<53.2	ug/kg	53.2	1		03/16/19 14:16	60-29-7	
Ethylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	100-41-4	
2-Hexanone	<1060	ug/kg	1060	1		03/16/19 14:16	591-78-6	
Iodomethane	<1060	ug/kg	1060	1		03/16/19 14:16	74-88-4	
Isopropylbenzene (Cumene)	<53.2	ug/kg	53.2	1		03/16/19 14:16	98-82-8	
p-Isopropyltoluene	<53.2	ug/kg	53.2	1		03/16/19 14:16	99-87-6	
Methylene Chloride	<213	ug/kg	213	1		03/16/19 14:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	<266	ug/kg	266	1		03/16/19 14:16	108-10-1	
Methyl-tert-butyl ether	<53.2	ug/kg	53.2	1		03/16/19 14:16	1634-04-4	L1
Naphthalene	<53.2	ug/kg	53.2	1		03/16/19 14:16	91-20-3	
n-Propylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-14 (3-4') Lab ID: 50218951028 Collected: 03/07/19 09:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.2	ug/kg	53.2	1		03/16/19 14:16	100-42-5	
1,1,1,2-Tetrachloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	630-20-6	
1,1,2,2-Tetrachloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	79-34-5	L1
Tetrachloroethene	<53.2	ug/kg	53.2	1		03/16/19 14:16	127-18-4	
Tetrahydrofuran	<1060	ug/kg	1060	1		03/16/19 14:16	109-99-9	
Toluene	<53.2	ug/kg	53.2	1		03/16/19 14:16	108-88-3	
1,2,3-Trichlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	87-61-6	
1,2,4-Trichlorobenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	120-82-1	
1,1,1-Trichloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	71-55-6	
1,1,2-Trichloroethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	79-00-5	
Trichloroethene	<53.2	ug/kg	53.2	1		03/16/19 14:16	79-01-6	
Trichlorofluoromethane	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-69-4	
1,2,3-Trichloropropane	<53.2	ug/kg	53.2	1		03/16/19 14:16	96-18-4	
1,2,3-Trimethylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	526-73-8	N2
1,2,4-Trimethylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	95-63-6	
1,3,5-Trimethylbenzene	<53.2	ug/kg	53.2	1		03/16/19 14:16	108-67-8	L2
Vinyl chloride	<53.2	ug/kg	53.2	1		03/16/19 14:16	75-01-4	
Xylene (Total)	<106	ug/kg	106	1		03/16/19 14:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	85-118	1		03/16/19 14:16	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 14:16	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	56-144	1		03/16/19 14:16	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.0	%	0.10	1		03/18/19 09:58

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (2-3') Lab ID: 50218951029 Collected: 03/07/19 10:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4640	ug/kg	1140	10	03/14/19 09:25	03/18/19 09:37	7440-38-2	
Barium	96800	ug/kg	569	5	03/14/19 09:25	03/15/19 07:52	7440-39-3	
Cadmium	372	ug/kg	114	2	03/14/19 09:25	03/15/19 11:09	7440-43-9	
Chromium	14100	ug/kg	455	2	03/14/19 09:25	03/15/19 11:09	7440-47-3	
Copper	11400	ug/kg	114	2	03/14/19 09:25	03/15/19 11:09	7440-50-8	
Lead	17600	ug/kg	228	2	03/14/19 09:25	03/15/19 11:09	7439-92-1	N2
Selenium	1460	ug/kg	1140	10	03/14/19 09:25	03/18/19 09:37	7782-49-2	
Silver	<114	ug/kg	114	2	03/14/19 09:25	03/15/19 11:09	7440-22-4	
Zinc	43100	ug/kg	1140	2	03/14/19 09:25	03/15/19 11:09	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<258	ug/kg	258	1	03/13/19 22:30	03/14/19 11:30	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	83-32-9	
Acenaphthylene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	208-96-8	
Aniline	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	62-53-3	
Anthracene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	120-12-7	
Atrazine	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	1912-24-9	N2
Azobenzene	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	103-33-3	N2
Benidine	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	92-87-5	
Benzo(a)anthracene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	56-55-3	
Benzo(a)pyrene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	50-32-8	
Benzo(b)fluoranthene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	205-99-2	
Benzo(g,h,i)perylene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	191-24-2	
Benzo(k)fluoranthene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	207-08-9	
Benzoic acid	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	65-85-0	
Benzyl alcohol	<807	ug/kg	807	1	03/14/19 13:44	03/15/19 10:43	100-51-6	
4-Bromophenylphenyl ether	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	101-55-3	
Butylbenzylphthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	85-68-7	
Caprolactam	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	105-60-2	N2
Carbazole	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	86-74-8	
4-Chloro-3-methylphenol	<807	ug/kg	807	1	03/14/19 13:44	03/15/19 10:43	59-50-7	
bis(2-Chloroethoxy)methane	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	111-91-1	
bis(2-Chloroethyl) ether	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	111-44-4	
bis(2-Chloroisopropyl) ether	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	108-60-1	
2-Chloronaphthalene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	91-58-7	
2-Chlorophenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	95-57-8	
4-Chlorophenylphenyl ether	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	7005-72-3	
Chrysene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	218-01-9	
Dibenz(a,h)anthracene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	53-70-3	
Dibenzofuran	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	132-64-9	
3,3'-Dichlorobenzidine	<807	ug/kg	807	1	03/14/19 13:44	03/15/19 10:43	91-94-1	
2,4-Dichlorophenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	120-83-2	
Diethylphthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (2-3') **Lab ID:** 50218951029 **Collected:** 03/07/19 10:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	105-67-9	
Dimethylphthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	131-11-3	
Di-n-butylphthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	84-74-2	
4,6-Dinitro-2-methylphenol	<807	ug/kg	807	1	03/14/19 13:44	03/15/19 10:43	534-52-1	
2,4-Dinitrophenol	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	51-28-5	
2,4-Dinitrotoluene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	121-14-2	
2,6-Dinitrotoluene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	606-20-2	
Di-n-octylphthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	117-84-0	
bis(2-Ethylhexyl)phthalate	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	117-81-7	
Fluoranthene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	206-44-0	
Fluorene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	86-73-7	
Hexachlorobenzene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	118-74-1	
Hexachlorocyclopentadiene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	77-47-4	
Hexachloroethane	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	67-72-1	
Indeno(1,2,3-cd)pyrene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	193-39-5	
Isophorone	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	78-59-1	
2-Methylnaphthalene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	91-57-6	
2-Methylphenol(o-Cresol)	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	<807	ug/kg	807	1	03/14/19 13:44	03/15/19 10:43		
2-Nitroaniline	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	88-74-4	
3-Nitroaniline	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	99-09-2	
4-Nitroaniline	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	100-01-6	
Nitrobenzene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	98-95-3	
2-Nitrophenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	88-75-5	
4-Nitrophenol	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	100-02-7	
N-Nitrosodimethylamine	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	62-75-9	
N-Nitroso-di-n-propylamine	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	621-64-7	
N-Nitrosodiphenylamine	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	86-30-6	
Pentachlorophenol	<1960	ug/kg	1960	1	03/14/19 13:44	03/15/19 10:43	87-86-5	
Phenanthrene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	85-01-8	
Phenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	108-95-2	
Pyrene	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	129-00-0	
Pyridine	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	110-86-1	
2,4,5-Trichlorophenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	95-95-4	
2,4,6-Trichlorophenol	<404	ug/kg	404	1	03/14/19 13:44	03/15/19 10:43	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%.	29-87	1	03/14/19 13:44	03/15/19 10:43	4165-60-0	
Phenol-d5 (S)	59	%.	24-99	1	03/14/19 13:44	03/15/19 10:43	4165-62-2	
2-Fluorophenol (S)	61	%.	22-99	1	03/14/19 13:44	03/15/19 10:43	367-12-4	
2,4,6-Tribromophenol (S)	64	%.	19-117	1	03/14/19 13:44	03/15/19 10:43	118-79-6	
2-Fluorobiphenyl (S)	50	%.	29-93	1	03/14/19 13:44	03/15/19 10:43	321-60-8	
p-Terphenyl-d14 (S)	66	%.	26-127	1	03/14/19 13:44	03/15/19 10:43	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1020	ug/kg	1020	1	03/16/19 14:48	67-64-1
Acrylonitrile	<1020	ug/kg	1020	1	03/16/19 14:48	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (2-3') **Lab ID:** 50218951029 **Collected:** 03/07/19 10:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	71-43-2	
Bromobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	108-86-1	
Bromochloromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	74-97-5	
Bromodichloromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-27-4	
Bromoform	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-25-2	
Bromomethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	74-83-9	
2-Butanone (MEK)	<255	ug/kg	255	1		03/16/19 14:48	78-93-3	
tert-Butyl Alcohol	<510	ug/kg	510	1		03/16/19 14:48	75-65-0	
n-Butylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	104-51-8	
sec-Butylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	135-98-8	
tert-Butylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	98-06-6	
Carbon disulfide	<102	ug/kg	102	1		03/16/19 14:48	75-15-0	
Carbon tetrachloride	<51.0	ug/kg	51.0	1		03/16/19 14:48	56-23-5	
Chlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	108-90-7	
Chloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-00-3	
Chloroform	<51.0	ug/kg	51.0	1		03/16/19 14:48	67-66-3	
Chloromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	74-87-3	
2-Chlorotoluene	<51.0	ug/kg	51.0	1		03/16/19 14:48	95-49-8	
1,2-Dibromo-3-chloropropane	<102	ug/kg	102	1		03/16/19 14:48	96-12-8	
Dibromochloromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	124-48-1	
1,2-Dibromoethane (EDB)	<51.0	ug/kg	51.0	1		03/16/19 14:48	106-93-4	
Dibromomethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	74-95-3	
1,2-Dichlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	95-50-1	
1,3-Dichlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	541-73-1	
1,4-Dichlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	<1020	ug/kg	1020	1		03/16/19 14:48	110-57-6	
Dichlorodifluoromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-71-8	
1,1-Dichloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-34-3	
1,2-Dichloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	107-06-2	
1,1-Dichloroethene	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-35-4	
cis-1,2-Dichloroethene	<51.0	ug/kg	51.0	1		03/16/19 14:48	156-59-2	
trans-1,2-Dichloroethene	<51.0	ug/kg	51.0	1		03/16/19 14:48	156-60-5	
1,2-Dichloropropane	<51.0	ug/kg	51.0	1		03/16/19 14:48	78-87-5	L1
cis-1,3-Dichloropropene	<51.0	ug/kg	51.0	1		03/16/19 14:48	10061-01-5	
trans-1,3-Dichloropropene	<51.0	ug/kg	51.0	1		03/16/19 14:48	10061-02-6	
Diethyl ether (Ethyl ether)	<51.0	ug/kg	51.0	1		03/16/19 14:48	60-29-7	
Ethylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	100-41-4	
2-Hexanone	<1020	ug/kg	1020	1		03/16/19 14:48	591-78-6	
Iodomethane	<1020	ug/kg	1020	1		03/16/19 14:48	74-88-4	
Isopropylbenzene (Cumene)	<51.0	ug/kg	51.0	1		03/16/19 14:48	98-82-8	
p-Isopropyltoluene	<51.0	ug/kg	51.0	1		03/16/19 14:48	99-87-6	
Methylene Chloride	<204	ug/kg	204	1		03/16/19 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	<255	ug/kg	255	1		03/16/19 14:48	108-10-1	
Methyl-tert-butyl ether	<51.0	ug/kg	51.0	1		03/16/19 14:48	1634-04-4	L1
Naphthalene	<51.0	ug/kg	51.0	1		03/16/19 14:48	91-20-3	
n-Propylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (2-3') **Lab ID:** 50218951029 **Collected:** 03/07/19 10:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<51.0	ug/kg	51.0	1		03/16/19 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	79-34-5	L1
Tetrachloroethene	<51.0	ug/kg	51.0	1		03/16/19 14:48	127-18-4	
Tetrahydrofuran	<1020	ug/kg	1020	1		03/16/19 14:48	109-99-9	
Toluene	<51.0	ug/kg	51.0	1		03/16/19 14:48	108-88-3	
1,2,3-Trichlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	87-61-6	
1,2,4-Trichlorobenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	120-82-1	
1,1,1-Trichloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	71-55-6	
1,1,2-Trichloroethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	79-00-5	
Trichloroethene	<51.0	ug/kg	51.0	1		03/16/19 14:48	79-01-6	
Trichlorofluoromethane	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-69-4	
1,2,3-Trichloropropane	<51.0	ug/kg	51.0	1		03/16/19 14:48	96-18-4	
1,2,3-Trimethylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	526-73-8	N2
1,2,4-Trimethylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	95-63-6	
1,3,5-Trimethylbenzene	<51.0	ug/kg	51.0	1		03/16/19 14:48	108-67-8	L2
Vinyl chloride	<51.0	ug/kg	51.0	1		03/16/19 14:48	75-01-4	
Xylene (Total)	<102	ug/kg	102	1		03/16/19 14:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/16/19 14:48	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 14:48	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	56-144	1		03/16/19 14:48	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.5	%	0.10	1		03/18/19 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (6-7') **Lab ID:** 50218951030 **Collected:** 03/07/19 10:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4210	ug/kg	1090	10	03/14/19 09:25	03/18/19 09:41	7440-38-2	
Barium	74500	ug/kg	544	5	03/14/19 09:25	03/15/19 07:56	7440-39-3	
Cadmium	264	ug/kg	54.4	1	03/14/19 09:25	03/15/19 11:13	7440-43-9	
Chromium	19000	ug/kg	1090	5	03/14/19 09:25	03/15/19 07:56	7440-47-3	
Copper	16600	ug/kg	272	5	03/14/19 09:25	03/15/19 07:56	7440-50-8	
Lead	10400	ug/kg	109	1	03/14/19 09:25	03/15/19 11:13	7439-92-1	N2
Selenium	1140	ug/kg	1090	10	03/14/19 09:25	03/18/19 09:41	7782-49-2	
Silver	66.6	ug/kg	54.4	1	03/14/19 09:25	03/15/19 11:13	7440-22-4	
Zinc	43500	ug/kg	2720	5	03/14/19 09:25	03/15/19 07:56	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<239	ug/kg	239	1	03/13/19 22:30	03/14/19 11:33	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	83-32-9	
Acenaphthylene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	208-96-8	
Aniline	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	62-53-3	
Anthracene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	120-12-7	
Atrazine	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	1912-24-9	N2
Azobenzene	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	103-33-3	N2
Benidine	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	92-87-5	
Benzo(a)anthracene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	56-55-3	
Benzo(a)pyrene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	50-32-8	
Benzo(b)fluoranthene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	205-99-2	
Benzo(g,h,i)perylene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	191-24-2	
Benzo(k)fluoranthene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	207-08-9	
Benzoic acid	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	65-85-0	
Benzyl alcohol	<779	ug/kg	779	1	03/14/19 13:44	03/15/19 10:59	100-51-6	
4-Bromophenylphenyl ether	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	101-55-3	
Butylbenzylphthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	85-68-7	
Caprolactam	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	105-60-2	N2
Carbazole	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	86-74-8	
4-Chloro-3-methylphenol	<779	ug/kg	779	1	03/14/19 13:44	03/15/19 10:59	59-50-7	
bis(2-Chloroethoxy)methane	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	111-91-1	
bis(2-Chloroethyl) ether	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	111-44-4	
bis(2-Chloroisopropyl) ether	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	108-60-1	
2-Chloronaphthalene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	91-58-7	
2-Chlorophenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	95-57-8	
4-Chlorophenylphenyl ether	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	7005-72-3	
Chrysene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	218-01-9	
Dibenz(a,h)anthracene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	53-70-3	
Dibenzofuran	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	132-64-9	
3,3'-Dichlorobenzidine	<779	ug/kg	779	1	03/14/19 13:44	03/15/19 10:59	91-94-1	
2,4-Dichlorophenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	120-83-2	
Diethylphthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (6-7') **Lab ID:** 50218951030 **Collected:** 03/07/19 10:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	105-67-9	
Dimethylphthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	131-11-3	
Di-n-butylphthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	84-74-2	
4,6-Dinitro-2-methylphenol	<779	ug/kg	779	1	03/14/19 13:44	03/15/19 10:59	534-52-1	
2,4-Dinitrophenol	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	51-28-5	
2,4-Dinitrotoluene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	121-14-2	
2,6-Dinitrotoluene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	606-20-2	
Di-n-octylphthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	117-84-0	
bis(2-Ethylhexyl)phthalate	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	117-81-7	
Fluoranthene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	206-44-0	
Fluorene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	86-73-7	
Hexachlorobenzene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	118-74-1	
Hexachlorocyclopentadiene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	77-47-4	
Hexachloroethane	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	67-72-1	
Indeno(1,2,3-cd)pyrene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	193-39-5	
Isophorone	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	78-59-1	
2-Methylnaphthalene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	91-57-6	
2-Methylphenol(o-Cresol)	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	<779	ug/kg	779	1	03/14/19 13:44	03/15/19 10:59		
2-Nitroaniline	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	88-74-4	
3-Nitroaniline	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	99-09-2	
4-Nitroaniline	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	100-01-6	
Nitrobenzene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	98-95-3	
2-Nitrophenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	88-75-5	
4-Nitrophenol	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	100-02-7	
N-Nitrosodimethylamine	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	62-75-9	
N-Nitroso-di-n-propylamine	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	621-64-7	
N-Nitrosodiphenylamine	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	86-30-6	
Pentachlorophenol	<1890	ug/kg	1890	1	03/14/19 13:44	03/15/19 10:59	87-86-5	
Phenanthrene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	85-01-8	
Phenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	108-95-2	
Pyrene	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	129-00-0	
Pyridine	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	110-86-1	
2,4,5-Trichlorophenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	95-95-4	
2,4,6-Trichlorophenol	<389	ug/kg	389	1	03/14/19 13:44	03/15/19 10:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%.	29-87	1	03/14/19 13:44	03/15/19 10:59	4165-60-0	
Phenol-d5 (S)	62	%.	24-99	1	03/14/19 13:44	03/15/19 10:59	4165-62-2	
2-Fluorophenol (S)	62	%.	22-99	1	03/14/19 13:44	03/15/19 10:59	367-12-4	
2,4,6-Tribromophenol (S)	61	%.	19-117	1	03/14/19 13:44	03/15/19 10:59	118-79-6	
2-Fluorobiphenyl (S)	55	%.	29-93	1	03/14/19 13:44	03/15/19 10:59	321-60-8	
p-Terphenyl-d14 (S)	83	%.	26-127	1	03/14/19 13:44	03/15/19 10:59	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<993	ug/kg	993	1		03/16/19 15:21	67-64-1
Acrylonitrile	<993	ug/kg	993	1		03/16/19 15:21	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (6-7') Lab ID: 50218951030 Collected: 03/07/19 10:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	71-43-2	
Bromobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	108-86-1	
Bromochloromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	74-97-5	
Bromodichloromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-27-4	
Bromoform	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-25-2	
Bromomethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	74-83-9	
2-Butanone (MEK)	<248	ug/kg	248	1		03/16/19 15:21	78-93-3	
tert-Butyl Alcohol	<497	ug/kg	497	1		03/16/19 15:21	75-65-0	
n-Butylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	104-51-8	
sec-Butylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	135-98-8	
tert-Butylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	98-06-6	
Carbon disulfide	<99.3	ug/kg	99.3	1		03/16/19 15:21	75-15-0	
Carbon tetrachloride	<49.7	ug/kg	49.7	1		03/16/19 15:21	56-23-5	
Chlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	108-90-7	
Chloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-00-3	
Chloroform	<49.7	ug/kg	49.7	1		03/16/19 15:21	67-66-3	
Chloromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	74-87-3	
2-Chlorotoluene	<49.7	ug/kg	49.7	1		03/16/19 15:21	95-49-8	
1,2-Dibromo-3-chloropropane	<99.3	ug/kg	99.3	1		03/16/19 15:21	96-12-8	
Dibromochloromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	124-48-1	
1,2-Dibromoethane (EDB)	<49.7	ug/kg	49.7	1		03/16/19 15:21	106-93-4	
Dibromomethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	74-95-3	
1,2-Dichlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	95-50-1	
1,3-Dichlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	541-73-1	
1,4-Dichlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	106-46-7	
trans-1,4-Dichloro-2-butene	<993	ug/kg	993	1		03/16/19 15:21	110-57-6	
Dichlorodifluoromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-71-8	
1,1-Dichloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-34-3	
1,2-Dichloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	107-06-2	
1,1-Dichloroethene	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-35-4	
cis-1,2-Dichloroethene	<49.7	ug/kg	49.7	1		03/16/19 15:21	156-59-2	
trans-1,2-Dichloroethene	<49.7	ug/kg	49.7	1		03/16/19 15:21	156-60-5	
1,2-Dichloropropane	<49.7	ug/kg	49.7	1		03/16/19 15:21	78-87-5	L1
cis-1,3-Dichloropropene	<49.7	ug/kg	49.7	1		03/16/19 15:21	10061-01-5	
trans-1,3-Dichloropropene	<49.7	ug/kg	49.7	1		03/16/19 15:21	10061-02-6	
Diethyl ether (Ethyl ether)	<49.7	ug/kg	49.7	1		03/16/19 15:21	60-29-7	
Ethylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	100-41-4	
2-Hexanone	<993	ug/kg	993	1		03/16/19 15:21	591-78-6	
Iodomethane	<993	ug/kg	993	1		03/16/19 15:21	74-88-4	
Isopropylbenzene (Cumene)	<49.7	ug/kg	49.7	1		03/16/19 15:21	98-82-8	
p-Isopropyltoluene	<49.7	ug/kg	49.7	1		03/16/19 15:21	99-87-6	
Methylene Chloride	<199	ug/kg	199	1		03/16/19 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	<248	ug/kg	248	1		03/16/19 15:21	108-10-1	
Methyl-tert-butyl ether	<49.7	ug/kg	49.7	1		03/16/19 15:21	1634-04-4	L1
Naphthalene	<49.7	ug/kg	49.7	1		03/16/19 15:21	91-20-3	
n-Propylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-15 (6-7') Lab ID: 50218951030 Collected: 03/07/19 10:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<49.7	ug/kg	49.7	1		03/16/19 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	79-34-5	L1
Tetrachloroethene	<49.7	ug/kg	49.7	1		03/16/19 15:21	127-18-4	
Tetrahydrofuran	<993	ug/kg	993	1		03/16/19 15:21	109-99-9	
Toluene	<49.7	ug/kg	49.7	1		03/16/19 15:21	108-88-3	
1,2,3-Trichlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	87-61-6	
1,2,4-Trichlorobenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	120-82-1	
1,1,1-Trichloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	71-55-6	
1,1,2-Trichloroethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	79-00-5	
Trichloroethene	<49.7	ug/kg	49.7	1		03/16/19 15:21	79-01-6	
Trichlorofluoromethane	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-69-4	
1,2,3-Trichloropropane	<49.7	ug/kg	49.7	1		03/16/19 15:21	96-18-4	
1,2,3-Trimethylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	526-73-8	N2
1,2,4-Trimethylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	95-63-6	
1,3,5-Trimethylbenzene	<49.7	ug/kg	49.7	1		03/16/19 15:21	108-67-8	L2
Vinyl chloride	<49.7	ug/kg	49.7	1		03/16/19 15:21	75-01-4	
Xylene (Total)	<99.3	ug/kg	99.3	1		03/16/19 15:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/16/19 15:21	1868-53-7	
Toluene-d8 (S)	117	%.	71-128	1		03/16/19 15:21	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	56-144	1		03/16/19 15:21	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.8	%	0.10	1		03/18/19 09:58

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (4-5') Lab ID: 50218951031 Collected: 03/07/19 10:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	10900	ug/kg	550	5	03/14/19 09:25	03/15/19 08:01	7440-38-2	
Barium	167000	ug/kg	2200	20	03/14/19 09:25	03/18/19 08:37	7440-39-3	
Cadmium	1040	ug/kg	55.0	1	03/14/19 09:25	03/15/19 11:22	7440-43-9	
Chromium	13300	ug/kg	1100	5	03/14/19 09:25	03/15/19 08:01	7440-47-3	
Copper	24400	ug/kg	275	5	03/14/19 09:25	03/15/19 08:01	7440-50-8	
Lead	240000	ug/kg	2200	20	03/14/19 09:25	03/18/19 08:37	7439-92-1	N2
Selenium	899	ug/kg	550	5	03/14/19 09:25	03/15/19 08:01	7782-49-2	
Silver	<55.0	ug/kg	55.0	1	03/14/19 09:25	03/15/19 11:22	7440-22-4	
Zinc	84600	ug/kg	2750	5	03/14/19 09:25	03/15/19 08:01	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<229	ug/kg	229	1	03/13/19 22:30	03/14/19 11:35	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	83-32-9	
Acenaphthylene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	208-96-8	
Aniline	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	62-53-3	
Anthracene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	120-12-7	
Atrazine	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	92-87-5	
Benzo(a)anthracene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	56-55-3	
Benzo(a)pyrene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	50-32-8	
Benzo(b)fluoranthene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	205-99-2	
Benzo(g,h,i)perylene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	191-24-2	
Benzo(k)fluoranthene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	65-85-0	
Benzyl alcohol	<789	ug/kg	789	1	03/14/19 13:44	03/15/19 11:15	100-51-6	
4-Bromophenylphenyl ether	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	101-55-3	
Butylbenzylphthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	85-68-7	
Caprolactam	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	105-60-2	N2
Carbazole	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	86-74-8	
4-Chloro-3-methylphenol	<789	ug/kg	789	1	03/14/19 13:44	03/15/19 11:15	59-50-7	
bis(2-Chloroethoxy)methane	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	111-91-1	
bis(2-Chloroethyl) ether	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	111-44-4	
bis(2-Chloroisopropyl) ether	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	108-60-1	
2-Chloronaphthalene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	91-58-7	
2-Chlorophenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	95-57-8	
4-Chlorophenylphenyl ether	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	7005-72-3	
Chrysene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	218-01-9	
Dibenz(a,h)anthracene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	53-70-3	
Dibenzofuran	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	132-64-9	
3,3'-Dichlorobenzidine	<789	ug/kg	789	1	03/14/19 13:44	03/15/19 11:15	91-94-1	
2,4-Dichlorophenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	120-83-2	
Diethylphthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (4-5') **Lab ID:** 50218951031 **Collected:** 03/07/19 10:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	105-67-9	
Dimethylphthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	131-11-3	
Di-n-butylphthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	84-74-2	
4,6-Dinitro-2-methylphenol	<789	ug/kg	789	1	03/14/19 13:44	03/15/19 11:15	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	51-28-5	
2,4-Dinitrotoluene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	121-14-2	
2,6-Dinitrotoluene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	606-20-2	
Di-n-octylphthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	117-84-0	
bis(2-Ethylhexyl)phthalate	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	117-81-7	
Fluoranthene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	206-44-0	
Fluorene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	86-73-7	
Hexachlorobenzene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	118-74-1	
Hexachlorocyclopentadiene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	77-47-4	
Hexachloroethane	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	67-72-1	
Indeno(1,2,3-cd)pyrene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	193-39-5	
Isophorone	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	78-59-1	
2-Methylnaphthalene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	91-57-6	
2-Methylphenol(o-Cresol)	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	<789	ug/kg	789	1	03/14/19 13:44	03/15/19 11:15		
2-Nitroaniline	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	88-74-4	
3-Nitroaniline	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	99-09-2	
4-Nitroaniline	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	100-01-6	
Nitrobenzene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	98-95-3	
2-Nitrophenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	100-02-7	
N-Nitrosodimethylamine	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	62-75-9	
N-Nitroso-di-n-propylamine	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	621-64-7	
N-Nitrosodiphenylamine	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/14/19 13:44	03/15/19 11:15	87-86-5	
Phenanthrene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	85-01-8	
Phenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	108-95-2	
Pyrene	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	129-00-0	
Pyridine	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	110-86-1	
2,4,5-Trichlorophenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	95-95-4	
2,4,6-Trichlorophenol	<394	ug/kg	394	1	03/14/19 13:44	03/15/19 11:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%.	29-87	1	03/14/19 13:44	03/15/19 11:15	4165-60-0	
Phenol-d5 (S)	67	%.	24-99	1	03/14/19 13:44	03/15/19 11:15	4165-62-2	
2-Fluorophenol (S)	68	%.	22-99	1	03/14/19 13:44	03/15/19 11:15	367-12-4	
2,4,6-Tribromophenol (S)	68	%.	19-117	1	03/14/19 13:44	03/15/19 11:15	118-79-6	
2-Fluorobiphenyl (S)	61	%.	29-93	1	03/14/19 13:44	03/15/19 11:15	321-60-8	
p-Terphenyl-d14 (S)	83	%.	26-127	1	03/14/19 13:44	03/15/19 11:15	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1120	ug/kg	1120	1	03/16/19 15:53	67-64-1
Acrylonitrile	<1120	ug/kg	1120	1	03/16/19 15:53	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (4-5') Lab ID: 50218951031 Collected: 03/07/19 10:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	71-43-2	
Bromobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	108-86-1	
Bromochloromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	74-97-5	
Bromodichloromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-27-4	
Bromoform	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-25-2	
Bromomethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	74-83-9	
2-Butanone (MEK)	<280	ug/kg	280	1		03/16/19 15:53	78-93-3	
tert-Butyl Alcohol	<560	ug/kg	560	1		03/16/19 15:53	75-65-0	
n-Butylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	104-51-8	
sec-Butylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	135-98-8	
tert-Butylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	98-06-6	
Carbon disulfide	<112	ug/kg	112	1		03/16/19 15:53	75-15-0	
Carbon tetrachloride	<56.0	ug/kg	56.0	1		03/16/19 15:53	56-23-5	
Chlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	108-90-7	
Chloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-00-3	
Chloroform	<56.0	ug/kg	56.0	1		03/16/19 15:53	67-66-3	
Chloromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	74-87-3	
2-Chlorotoluene	<56.0	ug/kg	56.0	1		03/16/19 15:53	95-49-8	
1,2-Dibromo-3-chloropropane	<112	ug/kg	112	1		03/16/19 15:53	96-12-8	
Dibromochloromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	124-48-1	
1,2-Dibromoethane (EDB)	<56.0	ug/kg	56.0	1		03/16/19 15:53	106-93-4	
Dibromomethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	74-95-3	
1,2-Dichlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	95-50-1	
1,3-Dichlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	541-73-1	
1,4-Dichlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	106-46-7	
trans-1,4-Dichloro-2-butene	<1120	ug/kg	1120	1		03/16/19 15:53	110-57-6	
Dichlorodifluoromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-71-8	
1,1-Dichloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-34-3	
1,2-Dichloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	107-06-2	
1,1-Dichloroethene	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-35-4	
cis-1,2-Dichloroethene	<56.0	ug/kg	56.0	1		03/16/19 15:53	156-59-2	
trans-1,2-Dichloroethene	<56.0	ug/kg	56.0	1		03/16/19 15:53	156-60-5	
1,2-Dichloropropane	<56.0	ug/kg	56.0	1		03/16/19 15:53	78-87-5	L1
cis-1,3-Dichloropropene	<56.0	ug/kg	56.0	1		03/16/19 15:53	10061-01-5	
trans-1,3-Dichloropropene	<56.0	ug/kg	56.0	1		03/16/19 15:53	10061-02-6	
Diethyl ether (Ethyl ether)	<56.0	ug/kg	56.0	1		03/16/19 15:53	60-29-7	
Ethylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	100-41-4	
2-Hexanone	<1120	ug/kg	1120	1		03/16/19 15:53	591-78-6	
Iodomethane	<1120	ug/kg	1120	1		03/16/19 15:53	74-88-4	
Isopropylbenzene (Cumene)	<56.0	ug/kg	56.0	1		03/16/19 15:53	98-82-8	
p-Isopropyltoluene	<56.0	ug/kg	56.0	1		03/16/19 15:53	99-87-6	
Methylene Chloride	<224	ug/kg	224	1		03/16/19 15:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	<280	ug/kg	280	1		03/16/19 15:53	108-10-1	
Methyl-tert-butyl ether	<56.0	ug/kg	56.0	1		03/16/19 15:53	1634-04-4	L1
Naphthalene	<56.0	ug/kg	56.0	1		03/16/19 15:53	91-20-3	
n-Propylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (4-5') Lab ID: 50218951031 Collected: 03/07/19 10:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<56.0	ug/kg	56.0	1		03/16/19 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	79-34-5	L1
Tetrachloroethene	<56.0	ug/kg	56.0	1		03/16/19 15:53	127-18-4	
Tetrahydrofuran	<1120	ug/kg	1120	1		03/16/19 15:53	109-99-9	
Toluene	<56.0	ug/kg	56.0	1		03/16/19 15:53	108-88-3	
1,2,3-Trichlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	87-61-6	
1,2,4-Trichlorobenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	120-82-1	
1,1,1-Trichloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	71-55-6	
1,1,2-Trichloroethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	79-00-5	
Trichloroethene	<56.0	ug/kg	56.0	1		03/16/19 15:53	79-01-6	
Trichlorofluoromethane	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-69-4	
1,2,3-Trichloropropane	<56.0	ug/kg	56.0	1		03/16/19 15:53	96-18-4	
1,2,3-Trimethylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	526-73-8	N2
1,2,4-Trimethylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	95-63-6	
1,3,5-Trimethylbenzene	<56.0	ug/kg	56.0	1		03/16/19 15:53	108-67-8	L2
Vinyl chloride	<56.0	ug/kg	56.0	1		03/16/19 15:53	75-01-4	
Xylene (Total)	<112	ug/kg	112	1		03/16/19 15:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/16/19 15:53	1868-53-7	
Toluene-d8 (S)	116	%.	71-128	1		03/16/19 15:53	2037-26-5	
4-Bromofluorobenzene (S)	112	%.	56-144	1		03/16/19 15:53	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.2	%	0.10	1		03/18/19 09:58

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (5-6') Lab ID: 50218951032 Collected: 03/07/19 10:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6000	ug/kg	1130	10	03/14/19 09:25	03/18/19 09:55	7440-38-2	
Barium	90900	ug/kg	564	5	03/14/19 09:25	03/18/19 10:04	7440-39-3	
Cadmium	1220	ug/kg	56.4	1	03/14/19 09:25	03/15/19 11:36	7440-43-9	
Chromium	18300	ug/kg	1130	5	03/14/19 09:25	03/18/19 10:04	7440-47-3	
Copper	15600	ug/kg	282	5	03/14/19 09:25	03/18/19 10:04	7440-50-8	
Lead	8870	ug/kg	113	1	03/14/19 09:25	03/15/19 11:36	7439-92-1	N2
Selenium	1250	ug/kg	1130	10	03/14/19 09:25	03/18/19 09:55	7782-49-2	
Silver	<56.4	ug/kg	56.4	1	03/14/19 09:25	03/15/19 11:36	7440-22-4	
Zinc	45500	ug/kg	2820	5	03/14/19 09:25	03/18/19 10:04	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<253	ug/kg	253	1	03/13/19 22:30	03/14/19 11:38	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	83-32-9	
Acenaphthylene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	208-96-8	
Aniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	62-53-3	
Anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	120-12-7	
Atrazine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	92-87-5	
Benzo(a)anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	56-55-3	
Benzo(a)pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	50-32-8	
Benzo(b)fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	205-99-2	
Benzo(g,h,i)perylene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	191-24-2	
Benzo(k)fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	65-85-0	
Benzyl alcohol	<804	ug/kg	804	1	03/14/19 13:44	03/15/19 11:31	100-51-6	
4-Bromophenylphenyl ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	101-55-3	
Butylbenzylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	85-68-7	
Caprolactam	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	105-60-2	N2
Carbazole	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	86-74-8	
4-Chloro-3-methylphenol	<804	ug/kg	804	1	03/14/19 13:44	03/15/19 11:31	59-50-7	
bis(2-Chloroethoxy)methane	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	111-91-1	
bis(2-Chloroethyl) ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	111-44-4	
bis(2-Chloroisopropyl) ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	108-60-1	
2-Chloronaphthalene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	91-58-7	
2-Chlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	95-57-8	
4-Chlorophenylphenyl ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	7005-72-3	
Chrysene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	218-01-9	
Dibenz(a,h)anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	53-70-3	
Dibenzofuran	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	132-64-9	
3,3'-Dichlorobenzidine	<804	ug/kg	804	1	03/14/19 13:44	03/15/19 11:31	91-94-1	
2,4-Dichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	120-83-2	
Diethylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (5-6') **Lab ID:** 50218951032 **Collected:** 03/07/19 10:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	105-67-9	
Dimethylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	131-11-3	
Di-n-butylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	84-74-2	
4,6-Dinitro-2-methylphenol	<804	ug/kg	804	1	03/14/19 13:44	03/15/19 11:31	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	51-28-5	
2,4-Dinitrotoluene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	121-14-2	
2,6-Dinitrotoluene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	606-20-2	
Di-n-octylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	117-84-0	
bis(2-Ethylhexyl)phthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	117-81-7	
Fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	206-44-0	
Fluorene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	86-73-7	
Hexachlorobenzene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	118-74-1	
Hexachlorocyclopentadiene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	77-47-4	
Hexachloroethane	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	67-72-1	
Indeno(1,2,3-cd)pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	193-39-5	
Isophorone	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	78-59-1	
2-Methylnaphthalene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	91-57-6	
2-Methylphenol(o-Cresol)	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	<804	ug/kg	804	1	03/14/19 13:44	03/15/19 11:31		
2-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	88-74-4	
3-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	99-09-2	
4-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	100-01-6	
Nitrobenzene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	98-95-3	
2-Nitrophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	100-02-7	
N-Nitrosodimethylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	62-75-9	
N-Nitroso-di-n-propylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	621-64-7	
N-Nitrosodiphenylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:31	87-86-5	
Phenanthrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	85-01-8	
Phenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	108-95-2	
Pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	129-00-0	
Pyridine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	110-86-1	
2,4,5-Trichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	95-95-4	
2,4,6-Trichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	48	%.	29-87	1	03/14/19 13:44	03/15/19 11:31	4165-60-0	
Phenol-d5 (S)	53	%.	24-99	1	03/14/19 13:44	03/15/19 11:31	4165-62-2	
2-Fluorophenol (S)	54	%.	22-99	1	03/14/19 13:44	03/15/19 11:31	367-12-4	
2,4,6-Tribromophenol (S)	53	%.	19-117	1	03/14/19 13:44	03/15/19 11:31	118-79-6	
2-Fluorobiphenyl (S)	48	%.	29-93	1	03/14/19 13:44	03/15/19 11:31	321-60-8	
p-Terphenyl-d14 (S)	70	%.	26-127	1	03/14/19 13:44	03/15/19 11:31	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1610	ug/kg	1610	1	03/16/19 16:26	67-64-1
Acrylonitrile	<1610	ug/kg	1610	1	03/16/19 16:26	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (5-6') **Lab ID:** 50218951032 **Collected:** 03/07/19 10:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	71-43-2	
Bromobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	108-86-1	
Bromochloromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	74-97-5	
Bromodichloromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-27-4	
Bromoform	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-25-2	
Bromomethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	74-83-9	
2-Butanone (MEK)	<404	ug/kg	404	1		03/16/19 16:26	78-93-3	
tert-Butyl Alcohol	<807	ug/kg	807	1		03/16/19 16:26	75-65-0	
n-Butylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	104-51-8	
sec-Butylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	135-98-8	
tert-Butylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	98-06-6	
Carbon disulfide	<161	ug/kg	161	1		03/16/19 16:26	75-15-0	
Carbon tetrachloride	<80.7	ug/kg	80.7	1		03/16/19 16:26	56-23-5	
Chlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	108-90-7	
Chloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-00-3	
Chloroform	<80.7	ug/kg	80.7	1		03/16/19 16:26	67-66-3	
Chloromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	74-87-3	
2-Chlorotoluene	<80.7	ug/kg	80.7	1		03/16/19 16:26	95-49-8	
1,2-Dibromo-3-chloropropane	<161	ug/kg	161	1		03/16/19 16:26	96-12-8	
Dibromochloromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	124-48-1	
1,2-Dibromoethane (EDB)	<80.7	ug/kg	80.7	1		03/16/19 16:26	106-93-4	
Dibromomethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	74-95-3	
1,2-Dichlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	95-50-1	
1,3-Dichlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	541-73-1	
1,4-Dichlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	106-46-7	
trans-1,4-Dichloro-2-butene	<1610	ug/kg	1610	1		03/16/19 16:26	110-57-6	
Dichlorodifluoromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-71-8	
1,1-Dichloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-34-3	
1,2-Dichloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	107-06-2	
1,1-Dichloroethene	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-35-4	
cis-1,2-Dichloroethene	<80.7	ug/kg	80.7	1		03/16/19 16:26	156-59-2	
trans-1,2-Dichloroethene	<80.7	ug/kg	80.7	1		03/16/19 16:26	156-60-5	
1,2-Dichloropropane	<80.7	ug/kg	80.7	1		03/16/19 16:26	78-87-5	L1
cis-1,3-Dichloropropene	<80.7	ug/kg	80.7	1		03/16/19 16:26	10061-01-5	
trans-1,3-Dichloropropene	<80.7	ug/kg	80.7	1		03/16/19 16:26	10061-02-6	
Diethyl ether (Ethyl ether)	<80.7	ug/kg	80.7	1		03/16/19 16:26	60-29-7	
Ethylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	100-41-4	
2-Hexanone	<1610	ug/kg	1610	1		03/16/19 16:26	591-78-6	
Iodomethane	<1610	ug/kg	1610	1		03/16/19 16:26	74-88-4	
Isopropylbenzene (Cumene)	<80.7	ug/kg	80.7	1		03/16/19 16:26	98-82-8	
p-Isopropyltoluene	<80.7	ug/kg	80.7	1		03/16/19 16:26	99-87-6	
Methylene Chloride	<323	ug/kg	323	1		03/16/19 16:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	<404	ug/kg	404	1		03/16/19 16:26	108-10-1	
Methyl-tert-butyl ether	<80.7	ug/kg	80.7	1		03/16/19 16:26	1634-04-4	L1
Naphthalene	<80.7	ug/kg	80.7	1		03/16/19 16:26	91-20-3	
n-Propylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-16 (5-6') **Lab ID:** 50218951032 **Collected:** 03/07/19 10:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<80.7	ug/kg	80.7	1		03/16/19 16:26	100-42-5	
1,1,1,2-Tetrachloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	630-20-6	
1,1,2,2-Tetrachloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	79-34-5	L1
Tetrachloroethene	<80.7	ug/kg	80.7	1		03/16/19 16:26	127-18-4	
Tetrahydrofuran	<1610	ug/kg	1610	1		03/16/19 16:26	109-99-9	
Toluene	<80.7	ug/kg	80.7	1		03/16/19 16:26	108-88-3	
1,2,3-Trichlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	87-61-6	
1,2,4-Trichlorobenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	120-82-1	
1,1,1-Trichloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	71-55-6	
1,1,2-Trichloroethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	79-00-5	
Trichloroethene	<80.7	ug/kg	80.7	1		03/16/19 16:26	79-01-6	
Trichlorofluoromethane	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-69-4	
1,2,3-Trichloropropane	<80.7	ug/kg	80.7	1		03/16/19 16:26	96-18-4	
1,2,3-Trimethylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	526-73-8	N2
1,2,4-Trimethylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	95-63-6	
1,3,5-Trimethylbenzene	<80.7	ug/kg	80.7	1		03/16/19 16:26	108-67-8	L2
Vinyl chloride	<80.7	ug/kg	80.7	1		03/16/19 16:26	75-01-4	
Xylene (Total)	<161	ug/kg	161	1		03/16/19 16:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	85-118	1		03/16/19 16:26	1868-53-7	
Toluene-d8 (S)	115	%.	71-128	1		03/16/19 16:26	2037-26-5	
4-Bromofluorobenzene (S)	108	%.	56-144	1		03/16/19 16:26	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.2	%	0.10	1		03/18/19 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (1-2') **Lab ID:** 50218951033 **Collected:** 03/07/19 11:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3570	ug/kg	602	5	03/14/19 09:25	03/18/19 10:09	7440-38-2	
Barium	61000	ug/kg	602	5	03/14/19 09:25	03/18/19 10:09	7440-39-3	
Cadmium	1330	ug/kg	60.2	1	03/14/19 09:25	03/15/19 11:41	7440-43-9	
Chromium	7910	ug/kg	1200	5	03/14/19 09:25	03/18/19 10:09	7440-47-3	
Copper	29100	ug/kg	301	5	03/14/19 09:25	03/18/19 10:09	7440-50-8	
Lead	10100	ug/kg	120	1	03/14/19 09:25	03/15/19 11:41	7439-92-1	N2
Selenium	<602	ug/kg	602	5	03/14/19 09:25	03/18/19 10:09	7782-49-2	D3
Silver	<60.2	ug/kg	60.2	1	03/14/19 09:25	03/15/19 11:41	7440-22-4	
Zinc	202000	ug/kg	6020	10	03/14/19 09:25	03/18/19 08:55	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<236	ug/kg	236	1	03/13/19 22:30	03/14/19 11:46	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	83-32-9	
Acenaphthylene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	208-96-8	
Aniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	62-53-3	
Anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	120-12-7	
Atrazine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	92-87-5	
Benzo(a)anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	56-55-3	
Benzo(a)pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	50-32-8	
Benzo(b)fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	205-99-2	
Benzo(g,h,i)perylene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	191-24-2	
Benzo(k)fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	65-85-0	
Benzyl alcohol	<805	ug/kg	805	1	03/14/19 13:44	03/15/19 11:47	100-51-6	
4-Bromophenylphenyl ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	101-55-3	
Butylbenzylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	85-68-7	
Caprolactam	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	105-60-2	N2
Carbazole	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	86-74-8	
4-Chloro-3-methylphenol	<805	ug/kg	805	1	03/14/19 13:44	03/15/19 11:47	59-50-7	
bis(2-Chloroethoxy)methane	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	111-91-1	
bis(2-Chloroethyl) ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	111-44-4	
bis(2-Chloroisopropyl) ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	108-60-1	
2-Chloronaphthalene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	91-58-7	
2-Chlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	95-57-8	
4-Chlorophenylphenyl ether	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	7005-72-3	
Chrysene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	218-01-9	
Dibenz(a,h)anthracene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	53-70-3	
Dibenzofuran	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	132-64-9	
3,3'-Dichlorobenzidine	<805	ug/kg	805	1	03/14/19 13:44	03/15/19 11:47	91-94-1	
2,4-Dichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	120-83-2	
Diethylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (1-2') **Lab ID:** 50218951033 **Collected:** 03/07/19 11:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	105-67-9	
Dimethylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	131-11-3	
Di-n-butylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	84-74-2	
4,6-Dinitro-2-methylphenol	<805	ug/kg	805	1	03/14/19 13:44	03/15/19 11:47	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	51-28-5	
2,4-Dinitrotoluene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	121-14-2	
2,6-Dinitrotoluene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	606-20-2	
Di-n-octylphthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	117-84-0	
bis(2-Ethylhexyl)phthalate	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	117-81-7	
Fluoranthene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	206-44-0	
Fluorene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	86-73-7	
Hexachlorobenzene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	118-74-1	
Hexachlorocyclopentadiene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	77-47-4	
Hexachloroethane	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	67-72-1	
Indeno(1,2,3-cd)pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	193-39-5	
Isophorone	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	78-59-1	
2-Methylnaphthalene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	91-57-6	
2-Methylphenol(o-Cresol)	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	<805	ug/kg	805	1	03/14/19 13:44	03/15/19 11:47		
2-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	88-74-4	
3-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	99-09-2	
4-Nitroaniline	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	100-01-6	
Nitrobenzene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	98-95-3	
2-Nitrophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	100-02-7	
N-Nitrosodimethylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	62-75-9	
N-Nitroso-di-n-propylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	621-64-7	
N-Nitrosodiphenylamine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/14/19 13:44	03/15/19 11:47	87-86-5	
Phenanthrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	85-01-8	
Phenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	108-95-2	
Pyrene	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	129-00-0	
Pyridine	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	110-86-1	
2,4,5-Trichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	95-95-4	
2,4,6-Trichlorophenol	<402	ug/kg	402	1	03/14/19 13:44	03/15/19 11:47	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	55	%.	29-87	1	03/14/19 13:44	03/15/19 11:47	4165-60-0	
Phenol-d5 (S)	63	%.	24-99	1	03/14/19 13:44	03/15/19 11:47	4165-62-2	
2-Fluorophenol (S)	61	%.	22-99	1	03/14/19 13:44	03/15/19 11:47	367-12-4	
2,4,6-Tribromophenol (S)	68	%.	19-117	1	03/14/19 13:44	03/15/19 11:47	118-79-6	
2-Fluorobiphenyl (S)	55	%.	29-93	1	03/14/19 13:44	03/15/19 11:47	321-60-8	
p-Terphenyl-d14 (S)	88	%.	26-127	1	03/14/19 13:44	03/15/19 11:47	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<2180	ug/kg	2180	1	03/19/19 06:25	67-64-1
Acrylonitrile	<2180	ug/kg	2180	1	03/19/19 06:25	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (1-2') **Lab ID:** 50218951033 **Collected:** 03/07/19 11:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<109	ug/kg	109	1		03/19/19 06:25	71-43-2	
Bromobenzene	<109	ug/kg	109	1		03/19/19 06:25	108-86-1	
Bromochloromethane	<109	ug/kg	109	1		03/19/19 06:25	74-97-5	
Bromodichloromethane	<109	ug/kg	109	1		03/19/19 06:25	75-27-4	
Bromoform	<109	ug/kg	109	1		03/19/19 06:25	75-25-2	
Bromomethane	<109	ug/kg	109	1		03/19/19 06:25	74-83-9	
2-Butanone (MEK)	<545	ug/kg	545	1		03/19/19 06:25	78-93-3	
tert-Butyl Alcohol	<1090	ug/kg	1090	1		03/19/19 06:25	75-65-0	
n-Butylbenzene	<109	ug/kg	109	1		03/19/19 06:25	104-51-8	
sec-Butylbenzene	<109	ug/kg	109	1		03/19/19 06:25	135-98-8	
tert-Butylbenzene	<109	ug/kg	109	1		03/19/19 06:25	98-06-6	
Carbon disulfide	<218	ug/kg	218	1		03/19/19 06:25	75-15-0	
Carbon tetrachloride	<109	ug/kg	109	1		03/19/19 06:25	56-23-5	
Chlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	108-90-7	
Chloroethane	<109	ug/kg	109	1		03/19/19 06:25	75-00-3	
Chloroform	<109	ug/kg	109	1		03/19/19 06:25	67-66-3	
Chloromethane	<109	ug/kg	109	1		03/19/19 06:25	74-87-3	
2-Chlorotoluene	<109	ug/kg	109	1		03/19/19 06:25	95-49-8	
1,2-Dibromo-3-chloropropane	<218	ug/kg	218	1		03/19/19 06:25	96-12-8	
Dibromochloromethane	<109	ug/kg	109	1		03/19/19 06:25	124-48-1	
1,2-Dibromoethane (EDB)	<109	ug/kg	109	1		03/19/19 06:25	106-93-4	
Dibromomethane	<109	ug/kg	109	1		03/19/19 06:25	74-95-3	
1,2-Dichlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	95-50-1	
1,3-Dichlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	541-73-1	
1,4-Dichlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	106-46-7	
trans-1,4-Dichloro-2-butene	<2180	ug/kg	2180	1		03/19/19 06:25	110-57-6	
Dichlorodifluoromethane	<109	ug/kg	109	1		03/19/19 06:25	75-71-8	
1,1-Dichloroethane	<109	ug/kg	109	1		03/19/19 06:25	75-34-3	
1,2-Dichloroethane	<109	ug/kg	109	1		03/19/19 06:25	107-06-2	
1,1-Dichloroethene	<109	ug/kg	109	1		03/19/19 06:25	75-35-4	
cis-1,2-Dichloroethene	<109	ug/kg	109	1		03/19/19 06:25	156-59-2	
trans-1,2-Dichloroethene	<109	ug/kg	109	1		03/19/19 06:25	156-60-5	
1,2-Dichloropropane	<109	ug/kg	109	1		03/19/19 06:25	78-87-5	
cis-1,3-Dichloropropene	<109	ug/kg	109	1		03/19/19 06:25	10061-01-5	
trans-1,3-Dichloropropene	<109	ug/kg	109	1		03/19/19 06:25	10061-02-6	
Diethyl ether (Ethyl ether)	<109	ug/kg	109	1		03/19/19 06:25	60-29-7	
Ethylbenzene	<109	ug/kg	109	1		03/19/19 06:25	100-41-4	
2-Hexanone	<2180	ug/kg	2180	1		03/19/19 06:25	591-78-6	
Iodomethane	<2180	ug/kg	2180	1		03/19/19 06:25	74-88-4	
Isopropylbenzene (Cumene)	<109	ug/kg	109	1		03/19/19 06:25	98-82-8	
p-Isopropyltoluene	<109	ug/kg	109	1		03/19/19 06:25	99-87-6	
Methylene Chloride	<436	ug/kg	436	1		03/19/19 06:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	<545	ug/kg	545	1		03/19/19 06:25	108-10-1	
Methyl-tert-butyl ether	<109	ug/kg	109	1		03/19/19 06:25	1634-04-4	L1
Naphthalene	<109	ug/kg	109	1		03/19/19 06:25	91-20-3	
n-Propylbenzene	<109	ug/kg	109	1		03/19/19 06:25	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (1-2') Lab ID: 50218951033 Collected: 03/07/19 11:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<109	ug/kg	109	1		03/19/19 06:25	100-42-5	
1,1,1,2-Tetrachloroethane	<109	ug/kg	109	1		03/19/19 06:25	630-20-6	
1,1,2,2-Tetrachloroethane	<109	ug/kg	109	1		03/19/19 06:25	79-34-5	
Tetrachloroethene	<109	ug/kg	109	1		03/19/19 06:25	127-18-4	
Tetrahydrofuran	<2180	ug/kg	2180	1		03/19/19 06:25	109-99-9	
Toluene	<109	ug/kg	109	1		03/19/19 06:25	108-88-3	
1,2,3-Trichlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	87-61-6	
1,2,4-Trichlorobenzene	<109	ug/kg	109	1		03/19/19 06:25	120-82-1	
1,1,1-Trichloroethane	<109	ug/kg	109	1		03/19/19 06:25	71-55-6	
1,1,2-Trichloroethane	<109	ug/kg	109	1		03/19/19 06:25	79-00-5	
Trichloroethene	<109	ug/kg	109	1		03/19/19 06:25	79-01-6	
Trichlorofluoromethane	<109	ug/kg	109	1		03/19/19 06:25	75-69-4	
1,2,3-Trichloropropane	<109	ug/kg	109	1		03/19/19 06:25	96-18-4	
1,2,3-Trimethylbenzene	<109	ug/kg	109	1		03/19/19 06:25	526-73-8	N2
1,2,4-Trimethylbenzene	<109	ug/kg	109	1		03/19/19 06:25	95-63-6	
1,3,5-Trimethylbenzene	<109	ug/kg	109	1		03/19/19 06:25	108-67-8	
Vinyl chloride	<109	ug/kg	109	1		03/19/19 06:25	75-01-4	
Xylene (Total)	<218	ug/kg	218	1		03/19/19 06:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/19/19 06:25	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 06:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 06:25	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.0	%	0.10	1		03/18/19 09:58

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (3-4') Lab ID: 50218951034 Collected: 03/07/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1770	ug/kg	579	5	03/14/19 09:25	03/18/19 10:14	7440-38-2	
Barium	54400	ug/kg	579	5	03/14/19 09:25	03/18/19 10:14	7440-39-3	
Cadmium	103	ug/kg	57.9	1	03/14/19 09:25	03/15/19 11:50	7440-43-9	
Chromium	13900	ug/kg	1160	5	03/14/19 09:25	03/18/19 10:14	7440-47-3	
Copper	5550	ug/kg	290	5	03/14/19 09:25	03/18/19 10:14	7440-50-8	
Lead	8650	ug/kg	116	1	03/14/19 09:25	03/15/19 11:50	7439-92-1	N2
Selenium	933	ug/kg	579	5	03/14/19 09:25	03/18/19 10:14	7782-49-2	
Silver	<57.9	ug/kg	57.9	1	03/14/19 09:25	03/15/19 11:50	7440-22-4	
Zinc	32800	ug/kg	2900	5	03/14/19 09:25	03/18/19 10:14	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<245	ug/kg	245	1	03/13/19 22:30	03/14/19 11:49	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	83-32-9	
Acenaphthylene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	208-96-8	
Aniline	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	62-53-3	
Anthracene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	120-12-7	
Atrazine	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	1912-24-9	N2
Azobenzene	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	103-33-3	N2
Benidine	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	92-87-5	
Benzo(a)anthracene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	56-55-3	
Benzo(a)pyrene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	50-32-8	
Benzo(b)fluoranthene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	205-99-2	
Benzo(g,h,i)perylene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	191-24-2	
Benzo(k)fluoranthene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	207-08-9	
Benzoic acid	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	65-85-0	
Benzyl alcohol	<784	ug/kg	784	1	03/14/19 13:44	03/15/19 12:03	100-51-6	
4-Bromophenylphenyl ether	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	101-55-3	
Butylbenzylphthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	85-68-7	
Caprolactam	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	105-60-2	N2
Carbazole	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	86-74-8	
4-Chloro-3-methylphenol	<784	ug/kg	784	1	03/14/19 13:44	03/15/19 12:03	59-50-7	
bis(2-Chloroethoxy)methane	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	111-91-1	
bis(2-Chloroethyl) ether	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	111-44-4	
bis(2-Chloroisopropyl) ether	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	108-60-1	
2-Chloronaphthalene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	91-58-7	
2-Chlorophenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	95-57-8	
4-Chlorophenylphenyl ether	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	7005-72-3	
Chrysene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	218-01-9	
Dibenz(a,h)anthracene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	53-70-3	
Dibenzofuran	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	132-64-9	
3,3'-Dichlorobenzidine	<784	ug/kg	784	1	03/14/19 13:44	03/15/19 12:03	91-94-1	
2,4-Dichlorophenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	120-83-2	
Diethylphthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (3-4') Lab ID: 50218951034 Collected: 03/07/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	105-67-9	
Dimethylphthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	131-11-3	
Di-n-butylphthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	84-74-2	
4,6-Dinitro-2-methylphenol	<784	ug/kg	784	1	03/14/19 13:44	03/15/19 12:03	534-52-1	
2,4-Dinitrophenol	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	51-28-5	
2,4-Dinitrotoluene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	121-14-2	
2,6-Dinitrotoluene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	606-20-2	
Di-n-octylphthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	117-84-0	
bis(2-Ethylhexyl)phthalate	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	117-81-7	
Fluoranthene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	206-44-0	
Fluorene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	86-73-7	
Hexachlorobenzene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	118-74-1	
Hexachlorocyclopentadiene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	77-47-4	
Hexachloroethane	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	67-72-1	
Indeno(1,2,3-cd)pyrene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	193-39-5	
Isophorone	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	78-59-1	
2-Methylnaphthalene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	91-57-6	
2-Methylphenol(o-Cresol)	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	<784	ug/kg	784	1	03/14/19 13:44	03/15/19 12:03		
2-Nitroaniline	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	88-74-4	
3-Nitroaniline	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	99-09-2	
4-Nitroaniline	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	100-01-6	
Nitrobenzene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	98-95-3	
2-Nitrophenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	88-75-5	
4-Nitrophenol	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	100-02-7	
N-Nitrosodimethylamine	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	62-75-9	
N-Nitroso-di-n-propylamine	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	621-64-7	
N-Nitrosodiphenylamine	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	86-30-6	
Pentachlorophenol	<1900	ug/kg	1900	1	03/14/19 13:44	03/15/19 12:03	87-86-5	
Phenanthrene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	85-01-8	
Phenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	108-95-2	
Pyrene	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	129-00-0	
Pyridine	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	110-86-1	
2,4,5-Trichlorophenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	95-95-4	
2,4,6-Trichlorophenol	<392	ug/kg	392	1	03/14/19 13:44	03/15/19 12:03	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	57	%.	29-87	1	03/14/19 13:44	03/15/19 12:03	4165-60-0	
Phenol-d5 (S)	64	%.	24-99	1	03/14/19 13:44	03/15/19 12:03	4165-62-2	
2-Fluorophenol (S)	65	%.	22-99	1	03/14/19 13:44	03/15/19 12:03	367-12-4	
2,4,6-Tribromophenol (S)	67	%.	19-117	1	03/14/19 13:44	03/15/19 12:03	118-79-6	
2-Fluorobiphenyl (S)	53	%.	29-93	1	03/14/19 13:44	03/15/19 12:03	321-60-8	
p-Terphenyl-d14 (S)	89	%.	26-127	1	03/14/19 13:44	03/15/19 12:03	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1020	ug/kg	1020	1	03/19/19 06:57	67-64-1
Acrylonitrile	<1020	ug/kg	1020	1	03/19/19 06:57	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (3-4') Lab ID: 50218951034 Collected: 03/07/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	71-43-2	
Bromobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	108-86-1	
Bromochloromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	74-97-5	
Bromodichloromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-27-4	
Bromoform	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-25-2	
Bromomethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	74-83-9	
2-Butanone (MEK)	<256	ug/kg	256	1		03/19/19 06:57	78-93-3	
tert-Butyl Alcohol	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-65-0	
n-Butylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	104-51-8	
sec-Butylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	135-98-8	
tert-Butylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	98-06-6	
Carbon disulfide	<102	ug/kg	102	1		03/19/19 06:57	75-15-0	
Carbon tetrachloride	<51.2	ug/kg	51.2	1		03/19/19 06:57	56-23-5	
Chlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	108-90-7	
Chloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-00-3	
Chloroform	<51.2	ug/kg	51.2	1		03/19/19 06:57	67-66-3	
Chloromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	74-87-3	
2-Chlorotoluene	<51.2	ug/kg	51.2	1		03/19/19 06:57	95-49-8	
1,2-Dibromo-3-chloropropane	<102	ug/kg	102	1		03/19/19 06:57	96-12-8	
Dibromochloromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	124-48-1	
1,2-Dibromoethane (EDB)	<51.2	ug/kg	51.2	1		03/19/19 06:57	106-93-4	
Dibromomethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	74-95-3	
1,2-Dichlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	95-50-1	
1,3-Dichlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	541-73-1	
1,4-Dichlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	106-46-7	
trans-1,4-Dichloro-2-butene	<1020	ug/kg	1020	1		03/19/19 06:57	110-57-6	
Dichlorodifluoromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-71-8	
1,1-Dichloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-34-3	
1,2-Dichloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	107-06-2	
1,1-Dichloroethene	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-35-4	
cis-1,2-Dichloroethene	<51.2	ug/kg	51.2	1		03/19/19 06:57	156-59-2	
trans-1,2-Dichloroethene	<51.2	ug/kg	51.2	1		03/19/19 06:57	156-60-5	
1,2-Dichloropropane	<51.2	ug/kg	51.2	1		03/19/19 06:57	78-87-5	
cis-1,3-Dichloropropene	<51.2	ug/kg	51.2	1		03/19/19 06:57	10061-01-5	
trans-1,3-Dichloropropene	<51.2	ug/kg	51.2	1		03/19/19 06:57	10061-02-6	
Diethyl ether (Ethyl ether)	<51.2	ug/kg	51.2	1		03/19/19 06:57	60-29-7	
Ethylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	100-41-4	
2-Hexanone	<1020	ug/kg	1020	1		03/19/19 06:57	591-78-6	
Iodomethane	<1020	ug/kg	1020	1		03/19/19 06:57	74-88-4	
Isopropylbenzene (Cumene)	<51.2	ug/kg	51.2	1		03/19/19 06:57	98-82-8	
p-Isopropyltoluene	<51.2	ug/kg	51.2	1		03/19/19 06:57	99-87-6	
Methylene Chloride	<205	ug/kg	205	1		03/19/19 06:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<256	ug/kg	256	1		03/19/19 06:57	108-10-1	
Methyl-tert-butyl ether	<51.2	ug/kg	51.2	1		03/19/19 06:57	1634-04-4	L1
Naphthalene	<51.2	ug/kg	51.2	1		03/19/19 06:57	91-20-3	
n-Propylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-17 (3-4) **Lab ID: 50218951034** Collected: 03/07/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<51.2	ug/kg	51.2	1		03/19/19 06:57	100-42-5	
1,1,1,2-Tetrachloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	630-20-6	
1,1,2,2-Tetrachloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	79-34-5	
Tetrachloroethene	<51.2	ug/kg	51.2	1		03/19/19 06:57	127-18-4	
Tetrahydrofuran	<1020	ug/kg	1020	1		03/19/19 06:57	109-99-9	
Toluene	<51.2	ug/kg	51.2	1		03/19/19 06:57	108-88-3	
1,2,3-Trichlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	87-61-6	
1,2,4-Trichlorobenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	120-82-1	
1,1,1-Trichloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	71-55-6	
1,1,2-Trichloroethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	79-00-5	
Trichloroethene	<51.2	ug/kg	51.2	1		03/19/19 06:57	79-01-6	
Trichlorofluoromethane	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-69-4	
1,2,3-Trichloropropane	<51.2	ug/kg	51.2	1		03/19/19 06:57	96-18-4	
1,2,3-Trimethylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	526-73-8	N2
1,2,4-Trimethylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	95-63-6	
1,3,5-Trimethylbenzene	<51.2	ug/kg	51.2	1		03/19/19 06:57	108-67-8	
Vinyl chloride	<51.2	ug/kg	51.2	1		03/19/19 06:57	75-01-4	
Xylene (Total)	<102	ug/kg	102	1		03/19/19 06:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		03/19/19 06:57	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		03/19/19 06:57	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 06:57	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.9	%	0.10	1		03/18/19 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (1-2') **Lab ID:** 50218951035 **Collected:** 03/07/19 11:55 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	10100	ug/kg	2660	25	03/14/19 09:25	03/19/19 01:22	7440-38-2	
Barium	64600	ug/kg	531	5	03/14/19 09:25	03/16/19 02:42	7440-39-3	
Cadmium	93500	ug/kg	266	5	03/14/19 09:25	03/16/19 02:42	7440-43-9	
Chromium	14800	ug/kg	1060	5	03/14/19 09:25	03/16/19 02:42	7440-47-3	
Copper	24700	ug/kg	266	5	03/14/19 09:25	03/16/19 02:42	7440-50-8	
Lead	56800	ug/kg	531	5	03/14/19 09:25	03/16/19 02:42	7439-92-1	N2
Selenium	<2660	ug/kg	2660	25	03/14/19 09:25	03/19/19 01:22	7782-49-2	D3
Silver	<53.1	ug/kg	53.1	1	03/14/19 09:25	03/19/19 01:55	7440-22-4	
Zinc	4330000	ug/kg	266000	500	03/14/19 09:25	03/18/19 22:50	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<228	ug/kg	228	1	03/19/19 10:26	03/19/19 20:38	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	83-32-9	
Acenaphthylene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	208-96-8	
Aniline	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	62-53-3	
Anthracene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	120-12-7	
Atrazine	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	1912-24-9	N2
Azobenzene	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	103-33-3	N2
Benidine	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	92-87-5	
Benzo(a)anthracene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	56-55-3	
Benzo(a)pyrene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	50-32-8	
Benzo(b)fluoranthene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	205-99-2	
Benzo(g,h,i)perylene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	191-24-2	
Benzo(k)fluoranthene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	207-08-9	
Benzoic acid	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	65-85-0	
Benzyl alcohol	<760	ug/kg	760	1	03/14/19 13:44	03/15/19 12:19	100-51-6	
4-Bromophenylphenyl ether	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	101-55-3	
Butylbenzylphthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	85-68-7	
Caprolactam	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	105-60-2	N2
Carbazole	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	86-74-8	
4-Chloro-3-methylphenol	<760	ug/kg	760	1	03/14/19 13:44	03/15/19 12:19	59-50-7	
bis(2-Chloroethoxy)methane	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	111-91-1	
bis(2-Chloroethyl) ether	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	111-44-4	
bis(2-Chloroisopropyl) ether	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	108-60-1	
2-Chloronaphthalene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	91-58-7	
2-Chlorophenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	95-57-8	
4-Chlorophenylphenyl ether	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	7005-72-3	
Chrysene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	218-01-9	
Dibenz(a,h)anthracene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	53-70-3	
Dibenzofuran	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	132-64-9	
3,3'-Dichlorobenzidine	<760	ug/kg	760	1	03/14/19 13:44	03/15/19 12:19	91-94-1	
2,4-Dichlorophenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	120-83-2	
Diethylphthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (1-2') Lab ID: 50218951035 Collected: 03/07/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	105-67-9	
Dimethylphthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	131-11-3	
Di-n-butylphthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	84-74-2	
4,6-Dinitro-2-methylphenol	<760	ug/kg	760	1	03/14/19 13:44	03/15/19 12:19	534-52-1	
2,4-Dinitrophenol	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	51-28-5	
2,4-Dinitrotoluene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	121-14-2	
2,6-Dinitrotoluene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	606-20-2	
Di-n-octylphthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	117-84-0	
bis(2-Ethylhexyl)phthalate	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	117-81-7	
Fluoranthene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	206-44-0	
Fluorene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	86-73-7	
Hexachlorobenzene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	118-74-1	
Hexachlorocyclopentadiene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	77-47-4	
Hexachloroethane	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	67-72-1	
Indeno(1,2,3-cd)pyrene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	193-39-5	
Isophorone	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	78-59-1	
2-Methylnaphthalene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	91-57-6	
2-Methylphenol(o-Cresol)	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	<760	ug/kg	760	1	03/14/19 13:44	03/15/19 12:19		
2-Nitroaniline	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	88-74-4	
3-Nitroaniline	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	99-09-2	
4-Nitroaniline	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	100-01-6	
Nitrobenzene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	98-95-3	
2-Nitrophenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	88-75-5	
4-Nitrophenol	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	100-02-7	
N-Nitrosodimethylamine	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	62-75-9	
N-Nitroso-di-n-propylamine	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	621-64-7	
N-Nitrosodiphenylamine	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	86-30-6	
Pentachlorophenol	<1840	ug/kg	1840	1	03/14/19 13:44	03/15/19 12:19	87-86-5	
Phenanthrene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	85-01-8	
Phenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	108-95-2	
Pyrene	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	129-00-0	
Pyridine	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	110-86-1	
2,4,5-Trichlorophenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	95-95-4	
2,4,6-Trichlorophenol	<380	ug/kg	380	1	03/14/19 13:44	03/15/19 12:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	65	%.	29-87	1	03/14/19 13:44	03/15/19 12:19	4165-60-0	
Phenol-d5 (S)	67	%.	24-99	1	03/14/19 13:44	03/15/19 12:19	4165-62-2	
2-Fluorophenol (S)	66	%.	22-99	1	03/14/19 13:44	03/15/19 12:19	367-12-4	
2,4,6-Tribromophenol (S)	71	%.	19-117	1	03/14/19 13:44	03/15/19 12:19	118-79-6	
2-Fluorobiphenyl (S)	63	%.	29-93	1	03/14/19 13:44	03/15/19 12:19	321-60-8	
p-Terphenyl-d14 (S)	88	%.	26-127	1	03/14/19 13:44	03/15/19 12:19	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1260	ug/kg	1260	1	03/19/19 07:30	67-64-1
Acrylonitrile	<1260	ug/kg	1260	1	03/19/19 07:30	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (1-2') **Lab ID:** 50218951035 **Collected:** 03/07/19 11:55 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	71-43-2	
Bromobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	108-86-1	
Bromochloromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	74-97-5	
Bromodichloromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-27-4	
Bromoform	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-25-2	
Bromomethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	74-83-9	
2-Butanone (MEK)	<314	ug/kg	314	1		03/19/19 07:30	78-93-3	
tert-Butyl Alcohol	<628	ug/kg	628	1		03/19/19 07:30	75-65-0	
n-Butylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	104-51-8	
sec-Butylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	135-98-8	
tert-Butylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	98-06-6	
Carbon disulfide	<126	ug/kg	126	1		03/19/19 07:30	75-15-0	
Carbon tetrachloride	<62.8	ug/kg	62.8	1		03/19/19 07:30	56-23-5	
Chlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	108-90-7	
Chloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-00-3	
Chloroform	<62.8	ug/kg	62.8	1		03/19/19 07:30	67-66-3	
Chloromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	74-87-3	
2-Chlorotoluene	<62.8	ug/kg	62.8	1		03/19/19 07:30	95-49-8	
1,2-Dibromo-3-chloropropane	<126	ug/kg	126	1		03/19/19 07:30	96-12-8	
Dibromochloromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	124-48-1	
1,2-Dibromoethane (EDB)	<62.8	ug/kg	62.8	1		03/19/19 07:30	106-93-4	
Dibromomethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	74-95-3	
1,2-Dichlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	95-50-1	
1,3-Dichlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	541-73-1	
1,4-Dichlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	106-46-7	
trans-1,4-Dichloro-2-butene	<1260	ug/kg	1260	1		03/19/19 07:30	110-57-6	
Dichlorodifluoromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-71-8	
1,1-Dichloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-34-3	
1,2-Dichloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	107-06-2	
1,1-Dichloroethene	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-35-4	
cis-1,2-Dichloroethene	<62.8	ug/kg	62.8	1		03/19/19 07:30	156-59-2	
trans-1,2-Dichloroethene	<62.8	ug/kg	62.8	1		03/19/19 07:30	156-60-5	
1,2-Dichloropropane	<62.8	ug/kg	62.8	1		03/19/19 07:30	78-87-5	
cis-1,3-Dichloropropene	<62.8	ug/kg	62.8	1		03/19/19 07:30	10061-01-5	
trans-1,3-Dichloropropene	<62.8	ug/kg	62.8	1		03/19/19 07:30	10061-02-6	
Diethyl ether (Ethyl ether)	<62.8	ug/kg	62.8	1		03/19/19 07:30	60-29-7	
Ethylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	100-41-4	
2-Hexanone	<1260	ug/kg	1260	1		03/19/19 07:30	591-78-6	
Iodomethane	<1260	ug/kg	1260	1		03/19/19 07:30	74-88-4	
Isopropylbenzene (Cumene)	<62.8	ug/kg	62.8	1		03/19/19 07:30	98-82-8	
p-Isopropyltoluene	<62.8	ug/kg	62.8	1		03/19/19 07:30	99-87-6	
Methylene Chloride	<251	ug/kg	251	1		03/19/19 07:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	<314	ug/kg	314	1		03/19/19 07:30	108-10-1	
Methyl-tert-butyl ether	<62.8	ug/kg	62.8	1		03/19/19 07:30	1634-04-4	L1
Naphthalene	<62.8	ug/kg	62.8	1		03/19/19 07:30	91-20-3	
n-Propylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (1-2') Lab ID: 50218951035 Collected: 03/07/19 11:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<62.8	ug/kg	62.8	1		03/19/19 07:30	100-42-5	
1,1,1,2-Tetrachloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	630-20-6	
1,1,2,2-Tetrachloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	79-34-5	
Tetrachloroethene	<62.8	ug/kg	62.8	1		03/19/19 07:30	127-18-4	
Tetrahydrofuran	<1260	ug/kg	1260	1		03/19/19 07:30	109-99-9	
Toluene	<62.8	ug/kg	62.8	1		03/19/19 07:30	108-88-3	
1,2,3-Trichlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	87-61-6	
1,2,4-Trichlorobenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	120-82-1	
1,1,1-Trichloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	71-55-6	
1,1,2-Trichloroethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	79-00-5	
Trichloroethene	<62.8	ug/kg	62.8	1		03/19/19 07:30	79-01-6	
Trichlorofluoromethane	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-69-4	
1,2,3-Trichloropropane	<62.8	ug/kg	62.8	1		03/19/19 07:30	96-18-4	
1,2,3-Trimethylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	526-73-8	N2
1,2,4-Trimethylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	95-63-6	
1,3,5-Trimethylbenzene	<62.8	ug/kg	62.8	1		03/19/19 07:30	108-67-8	
Vinyl chloride	<62.8	ug/kg	62.8	1		03/19/19 07:30	75-01-4	
Xylene (Total)	<126	ug/kg	126	1		03/19/19 07:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%.	85-118	1		03/19/19 07:30	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 07:30	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 07:30	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	13.4	%	0.10	1		03/18/19 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (5-6') **Lab ID: 50218951036** Collected: 03/07/19 12:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6440	ug/kg	3180	25	03/14/19 09:25	03/18/19 21:06	7440-38-2	
Barium	72700	ug/kg	635	5	03/14/19 09:25	03/16/19 03:08	7440-39-3	
Cadmium	807	ug/kg	63.5	1	03/14/19 09:25	03/19/19 02:21	7440-43-9	
Chromium	32400	ug/kg	6350	25	03/14/19 09:25	03/18/19 21:06	7440-47-3	
Copper	33600	ug/kg	1590	25	03/14/19 09:25	03/18/19 21:06	7440-50-8	
Lead	84400	ug/kg	635	5	03/14/19 09:25	03/16/19 03:08	7439-92-1	N2
Selenium	<3180	ug/kg	3180	25	03/14/19 09:25	03/18/19 21:06	7782-49-2	D3
Silver	103	ug/kg	63.5	1	03/14/19 09:25	03/19/19 02:21	7440-22-4	
Zinc	160000	ug/kg	15900	25	03/14/19 09:25	03/18/19 21:06	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<261	ug/kg	261	1	03/19/19 10:26	03/19/19 20:45	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	83-32-9	
Acenaphthylene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	208-96-8	
Aniline	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	62-53-3	
Anthracene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	120-12-7	
Atrazine	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	1912-24-9	N2
Azobenzene	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	103-33-3	N2
Benidine	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	92-87-5	
Benzo(a)anthracene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	56-55-3	
Benzo(a)pyrene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	50-32-8	
Benzo(b)fluoranthene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	205-99-2	
Benzo(g,h,i)perylene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	191-24-2	
Benzo(k)fluoranthene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	207-08-9	
Benzoic acid	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	65-85-0	
Benzyl alcohol	<836	ug/kg	836	1	03/14/19 13:44	03/15/19 12:35	100-51-6	
4-Bromophenylphenyl ether	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	101-55-3	
Butylbenzylphthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	85-68-7	
Caprolactam	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	105-60-2	N2
Carbazole	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	86-74-8	
4-Chloro-3-methylphenol	<836	ug/kg	836	1	03/14/19 13:44	03/15/19 12:35	59-50-7	
bis(2-Chloroethoxy)methane	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	111-91-1	
bis(2-Chloroethyl) ether	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	111-44-4	
bis(2-Chloroisopropyl) ether	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	108-60-1	
2-Chloronaphthalene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	91-58-7	
2-Chlorophenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	95-57-8	
4-Chlorophenylphenyl ether	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	7005-72-3	
Chrysene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	218-01-9	
Dibenz(a,h)anthracene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	53-70-3	
Dibenzofuran	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	132-64-9	
3,3'-Dichlorobenzidine	<836	ug/kg	836	1	03/14/19 13:44	03/15/19 12:35	91-94-1	
2,4-Dichlorophenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	120-83-2	
Diethylphthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (5-6') **Lab ID:** 50218951036 **Collected:** 03/07/19 12:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	105-67-9	
Dimethylphthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	131-11-3	
Di-n-butylphthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	84-74-2	
4,6-Dinitro-2-methylphenol	<836	ug/kg	836	1	03/14/19 13:44	03/15/19 12:35	534-52-1	
2,4-Dinitrophenol	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	51-28-5	
2,4-Dinitrotoluene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	121-14-2	
2,6-Dinitrotoluene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	606-20-2	
Di-n-octylphthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	117-84-0	
bis(2-Ethylhexyl)phthalate	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	117-81-7	
Fluoranthene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	206-44-0	
Fluorene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	86-73-7	
Hexachlorobenzene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	118-74-1	
Hexachlorocyclopentadiene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	77-47-4	
Hexachloroethane	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	67-72-1	
Indeno(1,2,3-cd)pyrene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	193-39-5	
Isophorone	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	78-59-1	
2-Methylnaphthalene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	91-57-6	
2-Methylphenol(o-Cresol)	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	<836	ug/kg	836	1	03/14/19 13:44	03/15/19 12:35		
2-Nitroaniline	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	88-74-4	
3-Nitroaniline	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	99-09-2	
4-Nitroaniline	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	100-01-6	
Nitrobenzene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	98-95-3	
2-Nitrophenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	88-75-5	
4-Nitrophenol	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	100-02-7	
N-Nitrosodimethylamine	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	62-75-9	
N-Nitroso-di-n-propylamine	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	621-64-7	
N-Nitrosodiphenylamine	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	86-30-6	
Pentachlorophenol	<2030	ug/kg	2030	1	03/14/19 13:44	03/15/19 12:35	87-86-5	
Phenanthrene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	85-01-8	
Phenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	108-95-2	
Pyrene	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	129-00-0	
Pyridine	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	110-86-1	
2,4,5-Trichlorophenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	95-95-4	
2,4,6-Trichlorophenol	<418	ug/kg	418	1	03/14/19 13:44	03/15/19 12:35	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%.	29-87	1	03/14/19 13:44	03/15/19 12:35	4165-60-0	
Phenol-d5 (S)	64	%.	24-99	1	03/14/19 13:44	03/15/19 12:35	4165-62-2	
2-Fluorophenol (S)	66	%.	22-99	1	03/14/19 13:44	03/15/19 12:35	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	19-117	1	03/14/19 13:44	03/15/19 12:35	118-79-6	
2-Fluorobiphenyl (S)	63	%.	29-93	1	03/14/19 13:44	03/15/19 12:35	321-60-8	
p-Terphenyl-d14 (S)	91	%.	26-127	1	03/14/19 13:44	03/15/19 12:35	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1090	ug/kg	1090	1		03/19/19 08:02	67-64-1
Acrylonitrile	<1090	ug/kg	1090	1		03/19/19 08:02	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (5-6') **Lab ID: 50218951036** Collected: 03/07/19 12:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	71-43-2	
Bromobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	108-86-1	
Bromochloromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	74-97-5	
Bromodichloromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-27-4	
Bromoform	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-25-2	
Bromomethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	74-83-9	
2-Butanone (MEK)	<272	ug/kg	272	1		03/19/19 08:02	78-93-3	
tert-Butyl Alcohol	<544	ug/kg	544	1		03/19/19 08:02	75-65-0	
n-Butylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	104-51-8	
sec-Butylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	135-98-8	
tert-Butylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	98-06-6	
Carbon disulfide	<109	ug/kg	109	1		03/19/19 08:02	75-15-0	
Carbon tetrachloride	<54.4	ug/kg	54.4	1		03/19/19 08:02	56-23-5	
Chlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	108-90-7	
Chloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-00-3	
Chloroform	<54.4	ug/kg	54.4	1		03/19/19 08:02	67-66-3	
Chloromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	74-87-3	
2-Chlorotoluene	<54.4	ug/kg	54.4	1		03/19/19 08:02	95-49-8	
1,2-Dibromo-3-chloropropane	<109	ug/kg	109	1		03/19/19 08:02	96-12-8	
Dibromochloromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	124-48-1	
1,2-Dibromoethane (EDB)	<54.4	ug/kg	54.4	1		03/19/19 08:02	106-93-4	
Dibromomethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	74-95-3	
1,2-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	95-50-1	
1,3-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	541-73-1	
1,4-Dichlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	106-46-7	
trans-1,4-Dichloro-2-butene	<1090	ug/kg	1090	1		03/19/19 08:02	110-57-6	
Dichlorodifluoromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-71-8	
1,1-Dichloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-34-3	
1,2-Dichloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	107-06-2	
1,1-Dichloroethene	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-35-4	
cis-1,2-Dichloroethene	<54.4	ug/kg	54.4	1		03/19/19 08:02	156-59-2	
trans-1,2-Dichloroethene	<54.4	ug/kg	54.4	1		03/19/19 08:02	156-60-5	
1,2-Dichloropropane	<54.4	ug/kg	54.4	1		03/19/19 08:02	78-87-5	
cis-1,3-Dichloropropene	<54.4	ug/kg	54.4	1		03/19/19 08:02	10061-01-5	
trans-1,3-Dichloropropene	<54.4	ug/kg	54.4	1		03/19/19 08:02	10061-02-6	
Diethyl ether (Ethyl ether)	<54.4	ug/kg	54.4	1		03/19/19 08:02	60-29-7	
Ethylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	100-41-4	
2-Hexanone	<1090	ug/kg	1090	1		03/19/19 08:02	591-78-6	
Iodomethane	<1090	ug/kg	1090	1		03/19/19 08:02	74-88-4	
Isopropylbenzene (Cumene)	<54.4	ug/kg	54.4	1		03/19/19 08:02	98-82-8	
p-Isopropyltoluene	<54.4	ug/kg	54.4	1		03/19/19 08:02	99-87-6	
Methylene Chloride	<218	ug/kg	218	1		03/19/19 08:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	<272	ug/kg	272	1		03/19/19 08:02	108-10-1	
Methyl-tert-butyl ether	<54.4	ug/kg	54.4	1		03/19/19 08:02	1634-04-4	L1
Naphthalene	<54.4	ug/kg	54.4	1		03/19/19 08:02	91-20-3	
n-Propylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-18 (5-6') Lab ID: 50218951036 Collected: 03/07/19 12:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.4	ug/kg	54.4	1		03/19/19 08:02	100-42-5	
1,1,1,2-Tetrachloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	630-20-6	
1,1,2,2-Tetrachloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	79-34-5	
Tetrachloroethene	<54.4	ug/kg	54.4	1		03/19/19 08:02	127-18-4	
Tetrahydrofuran	<1090	ug/kg	1090	1		03/19/19 08:02	109-99-9	
Toluene	<54.4	ug/kg	54.4	1		03/19/19 08:02	108-88-3	
1,2,3-Trichlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	87-61-6	
1,2,4-Trichlorobenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	120-82-1	
1,1,1-Trichloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	71-55-6	
1,1,2-Trichloroethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	79-00-5	
Trichloroethene	<54.4	ug/kg	54.4	1		03/19/19 08:02	79-01-6	
Trichlorofluoromethane	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-69-4	
1,2,3-Trichloropropane	<54.4	ug/kg	54.4	1		03/19/19 08:02	96-18-4	
1,2,3-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	526-73-8	N2
1,2,4-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	95-63-6	
1,3,5-Trimethylbenzene	<54.4	ug/kg	54.4	1		03/19/19 08:02	108-67-8	
Vinyl chloride	<54.4	ug/kg	54.4	1		03/19/19 08:02	75-01-4	
Xylene (Total)	<109	ug/kg	109	1		03/19/19 08:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 08:02	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 08:02	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 08:02	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	21.5	%	0.10	1		03/18/19 09:59

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (4-5') Lab ID: 50218951037 Collected: 03/07/19 12:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	30900	ug/kg	641	5	03/14/19 09:25	03/16/19 05:10	7440-38-2	
Barium	62300	ug/kg	641	5	03/14/19 09:25	03/16/19 05:10	7440-39-3	
Cadmium	973000	ug/kg	6410	100	03/14/19 09:25	03/16/19 04:44	7440-43-9	
Chromium	92200	ug/kg	1280	5	03/14/19 09:25	03/16/19 05:10	7440-47-3	
Copper	720000000	ug/kg	3200000	50000	03/14/19 09:25	03/18/19 23:16	7440-50-8	
Lead	41100000	ug/kg	641000	5000	03/14/19 09:25	03/19/19 00:08	7439-92-1	N2
Selenium	<12800	ug/kg	12800	100	03/14/19 09:25	03/16/19 04:44	7782-49-2	D3
Silver	221000	ug/kg	6410	100	03/14/19 09:25	03/16/19 04:44	7440-22-4	
Zinc	10200000	ug/kg	3200000	5000	03/14/19 09:25	03/19/19 00:08	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<254	ug/kg	254	1	03/19/19 10:26	03/19/19 20:47	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	83-32-9	
Acenaphthylene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	208-96-8	
Aniline	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	62-53-3	
Anthracene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	120-12-7	
Atrazine	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	1912-24-9	N2
Azobenzene	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	103-33-3	N2
Benzidine	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	92-87-5	
Benzo(a)anthracene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	56-55-3	
Benzo(a)pyrene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	50-32-8	
Benzo(b)fluoranthene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	205-99-2	
Benzo(g,h,i)perylene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	191-24-2	
Benzo(k)fluoranthene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	207-08-9	
Benzoic acid	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	65-85-0	
Benzyl alcohol	<4450	ug/kg	4450	1	03/14/19 13:44	03/15/19 12:51	100-51-6	
4-Bromophenylphenyl ether	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	101-55-3	
Butylbenzylphthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	85-68-7	
Caprolactam	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	105-60-2	N2
Carbazole	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	86-74-8	
4-Chloro-3-methylphenol	<4450	ug/kg	4450	1	03/14/19 13:44	03/15/19 12:51	59-50-7	
bis(2-Chloroethoxy)methane	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	111-91-1	
bis(2-Chloroethyl) ether	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	111-44-4	
bis(2-Chloroisopropyl) ether	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	108-60-1	
2-Chloronaphthalene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	91-58-7	
2-Chlorophenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	95-57-8	
4-Chlorophenylphenyl ether	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	7005-72-3	
Chrysene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	218-01-9	
Dibenz(a,h)anthracene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	53-70-3	
Dibenzofuran	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	132-64-9	
3,3'-Dichlorobenzidine	<4450	ug/kg	4450	1	03/14/19 13:44	03/15/19 12:51	91-94-1	
2,4-Dichlorophenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	120-83-2	
Diethylphthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (4-5') **Lab ID:** 50218951037 **Collected:** 03/07/19 12:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	105-67-9	
Dimethylphthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	131-11-3	
Di-n-butylphthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	84-74-2	
4,6-Dinitro-2-methylphenol	<4450	ug/kg	4450	1	03/14/19 13:44	03/15/19 12:51	534-52-1	
2,4-Dinitrophenol	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	51-28-5	
2,4-Dinitrotoluene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	121-14-2	
2,6-Dinitrotoluene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	606-20-2	
Di-n-octylphthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	117-84-0	
bis(2-Ethylhexyl)phthalate	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	117-81-7	
Fluoranthene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	206-44-0	
Fluorene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	86-73-7	
Hexachlorobenzene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	118-74-1	
Hexachlorocyclopentadiene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	77-47-4	
Hexachloroethane	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	67-72-1	
Indeno(1,2,3-cd)pyrene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	193-39-5	
Isophorone	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	78-59-1	
2-Methylnaphthalene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	91-57-6	
2-Methylphenol(o-Cresol)	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	<4450	ug/kg	4450	1	03/14/19 13:44	03/15/19 12:51		
2-Nitroaniline	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	88-74-4	
3-Nitroaniline	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	99-09-2	
4-Nitroaniline	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	100-01-6	
Nitrobenzene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	98-95-3	
2-Nitrophenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	88-75-5	
4-Nitrophenol	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	100-02-7	
N-Nitrosodimethylamine	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	62-75-9	
N-Nitroso-di-n-propylamine	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	621-64-7	
N-Nitrosodiphenylamine	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	86-30-6	
Pentachlorophenol	<10800	ug/kg	10800	1	03/14/19 13:44	03/15/19 12:51	87-86-5	
Phenanthrene	2690	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	85-01-8	
Phenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	108-95-2	
Pyrene	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	129-00-0	
Pyridine	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	110-86-1	
2,4,5-Trichlorophenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	95-95-4	
2,4,6-Trichlorophenol	<2220	ug/kg	2220	1	03/14/19 13:44	03/15/19 12:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%.	29-87	1	03/14/19 13:44	03/15/19 12:51	4165-60-0	S4
Phenol-d5 (S)	9	%.	24-99	1	03/14/19 13:44	03/15/19 12:51	4165-62-2	S4
2-Fluorophenol (S)	8	%.	22-99	1	03/14/19 13:44	03/15/19 12:51	367-12-4	S4
2,4,6-Tribromophenol (S)	2	%.	19-117	1	03/14/19 13:44	03/15/19 12:51	118-79-6	S4
2-Fluorobiphenyl (S)	10	%.	29-93	1	03/14/19 13:44	03/15/19 12:51	321-60-8	S4
p-Terphenyl-d14 (S)	16	%.	26-127	1	03/14/19 13:44	03/15/19 12:51	1718-51-0	S4

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<906	ug/kg	906	1	03/19/19 08:35	67-64-1
Acrylonitrile	<906	ug/kg	906	1	03/19/19 08:35	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (4-5') Lab ID: 50218951037 Collected: 03/07/19 12:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	71-43-2	
Bromobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	108-86-1	
Bromochloromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	74-97-5	
Bromodichloromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-27-4	
Bromoform	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-25-2	
Bromomethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	74-83-9	
2-Butanone (MEK)	<226	ug/kg	226	1		03/19/19 08:35	78-93-3	
tert-Butyl Alcohol	<453	ug/kg	453	1		03/19/19 08:35	75-65-0	
n-Butylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	104-51-8	
sec-Butylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	135-98-8	
tert-Butylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	98-06-6	
Carbon disulfide	<90.6	ug/kg	90.6	1		03/19/19 08:35	75-15-0	
Carbon tetrachloride	<45.3	ug/kg	45.3	1		03/19/19 08:35	56-23-5	
Chlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	108-90-7	
Chloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-00-3	
Chloroform	<45.3	ug/kg	45.3	1		03/19/19 08:35	67-66-3	
Chloromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	74-87-3	
2-Chlorotoluene	<45.3	ug/kg	45.3	1		03/19/19 08:35	95-49-8	
1,2-Dibromo-3-chloropropane	<90.6	ug/kg	90.6	1		03/19/19 08:35	96-12-8	
Dibromochloromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	124-48-1	
1,2-Dibromoethane (EDB)	<45.3	ug/kg	45.3	1		03/19/19 08:35	106-93-4	
Dibromomethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	74-95-3	
1,2-Dichlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	95-50-1	
1,3-Dichlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	541-73-1	
1,4-Dichlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	106-46-7	
trans-1,4-Dichloro-2-butene	<906	ug/kg	906	1		03/19/19 08:35	110-57-6	
Dichlorodifluoromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-71-8	
1,1-Dichloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-34-3	
1,2-Dichloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	107-06-2	
1,1-Dichloroethene	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-35-4	
cis-1,2-Dichloroethene	<45.3	ug/kg	45.3	1		03/19/19 08:35	156-59-2	
trans-1,2-Dichloroethene	<45.3	ug/kg	45.3	1		03/19/19 08:35	156-60-5	
1,2-Dichloropropane	<45.3	ug/kg	45.3	1		03/19/19 08:35	78-87-5	
cis-1,3-Dichloropropene	<45.3	ug/kg	45.3	1		03/19/19 08:35	10061-01-5	
trans-1,3-Dichloropropene	<45.3	ug/kg	45.3	1		03/19/19 08:35	10061-02-6	
Diethyl ether (Ethyl ether)	<45.3	ug/kg	45.3	1		03/19/19 08:35	60-29-7	
Ethylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	100-41-4	
2-Hexanone	<906	ug/kg	906	1		03/19/19 08:35	591-78-6	
Iodomethane	<906	ug/kg	906	1		03/19/19 08:35	74-88-4	
Isopropylbenzene (Cumene)	<45.3	ug/kg	45.3	1		03/19/19 08:35	98-82-8	
p-Isopropyltoluene	<45.3	ug/kg	45.3	1		03/19/19 08:35	99-87-6	
Methylene Chloride	<181	ug/kg	181	1		03/19/19 08:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<226	ug/kg	226	1		03/19/19 08:35	108-10-1	
Methyl-tert-butyl ether	<45.3	ug/kg	45.3	1		03/19/19 08:35	1634-04-4	L1
Naphthalene	58.1	ug/kg	45.3	1		03/19/19 08:35	91-20-3	
n-Propylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (4-5') Lab ID: 50218951037 Collected: 03/07/19 12:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<45.3	ug/kg	45.3	1		03/19/19 08:35	100-42-5	
1,1,1,2-Tetrachloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	630-20-6	
1,1,2,2-Tetrachloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	79-34-5	
Tetrachloroethene	<45.3	ug/kg	45.3	1		03/19/19 08:35	127-18-4	
Tetrahydrofuran	<906	ug/kg	906	1		03/19/19 08:35	109-99-9	
Toluene	<45.3	ug/kg	45.3	1		03/19/19 08:35	108-88-3	
1,2,3-Trichlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	87-61-6	
1,2,4-Trichlorobenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	120-82-1	
1,1,1-Trichloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	71-55-6	
1,1,2-Trichloroethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	79-00-5	
Trichloroethene	<45.3	ug/kg	45.3	1		03/19/19 08:35	79-01-6	
Trichlorofluoromethane	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-69-4	
1,2,3-Trichloropropane	<45.3	ug/kg	45.3	1		03/19/19 08:35	96-18-4	
1,2,3-Trimethylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	526-73-8	N2
1,2,4-Trimethylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	95-63-6	
1,3,5-Trimethylbenzene	<45.3	ug/kg	45.3	1		03/19/19 08:35	108-67-8	
Vinyl chloride	<45.3	ug/kg	45.3	1		03/19/19 08:35	75-01-4	
Xylene (Total)	<90.6	ug/kg	90.6	1		03/19/19 08:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 08:35	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 08:35	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 08:35	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	26.1	%	0.10	1		03/18/19 09:59

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (5-6') **Lab ID: 50218951038** Collected: 03/07/19 12:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5520	ug/kg	2920	25	03/14/19 09:25	03/18/19 21:10	7440-38-2	
Barium	101000	ug/kg	585	5	03/14/19 09:25	03/16/19 03:11	7440-39-3	
Cadmium	2790	ug/kg	58.5	1	03/14/19 09:25	03/19/19 02:25	7440-43-9	
Chromium	27900	ug/kg	5850	25	03/14/19 09:25	03/18/19 21:10	7440-47-3	
Copper	41200	ug/kg	292	5	03/14/19 09:25	03/16/19 03:11	7440-50-8	
Lead	44700	ug/kg	585	5	03/14/19 09:25	03/16/19 03:11	7439-92-1	N2
Selenium	<2920	ug/kg	2920	25	03/14/19 09:25	03/18/19 21:10	7782-49-2	D3
Silver	<58.5	ug/kg	58.5	1	03/14/19 09:25	03/19/19 02:25	7440-22-4	
Zinc	59500	ug/kg	2920	5	03/14/19 09:25	03/16/19 03:11	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<231	ug/kg	231	1	03/19/19 10:26	03/19/19 20:49	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	83-32-9	
Acenaphthylene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	208-96-8	
Aniline	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	62-53-3	
Anthracene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	120-12-7	
Atrazine	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	1912-24-9	N2
Azobenzene	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	103-33-3	N2
Benidine	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	92-87-5	
Benzo(a)anthracene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	56-55-3	
Benzo(a)pyrene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	50-32-8	
Benzo(b)fluoranthene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	205-99-2	
Benzo(g,h,i)perylene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	191-24-2	
Benzo(k)fluoranthene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	207-08-9	
Benzoic acid	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	65-85-0	
Benzyl alcohol	<792	ug/kg	792	1	03/14/19 13:44	03/15/19 13:07	100-51-6	
4-Bromophenylphenyl ether	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	101-55-3	
Butylbenzylphthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	85-68-7	
Caprolactam	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	105-60-2	N2
Carbazole	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	86-74-8	
4-Chloro-3-methylphenol	<792	ug/kg	792	1	03/14/19 13:44	03/15/19 13:07	59-50-7	
bis(2-Chloroethoxy)methane	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	111-91-1	
bis(2-Chloroethyl) ether	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	111-44-4	
bis(2-Chloroisopropyl) ether	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	108-60-1	
2-Chloronaphthalene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	91-58-7	
2-Chlorophenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	95-57-8	
4-Chlorophenylphenyl ether	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	7005-72-3	
Chrysene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	218-01-9	
Dibenz(a,h)anthracene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	53-70-3	
Dibenzofuran	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	132-64-9	
3,3'-Dichlorobenzidine	<792	ug/kg	792	1	03/14/19 13:44	03/15/19 13:07	91-94-1	
2,4-Dichlorophenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	120-83-2	
Diethylphthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (5-6') **Lab ID:** 50218951038 **Collected:** 03/07/19 12:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	105-67-9	
Dimethylphthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	131-11-3	
Di-n-butylphthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	84-74-2	
4,6-Dinitro-2-methylphenol	<792	ug/kg	792	1	03/14/19 13:44	03/15/19 13:07	534-52-1	
2,4-Dinitrophenol	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	51-28-5	
2,4-Dinitrotoluene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	121-14-2	
2,6-Dinitrotoluene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	606-20-2	
Di-n-octylphthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	117-84-0	
bis(2-Ethylhexyl)phthalate	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	117-81-7	
Fluoranthene	508	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	206-44-0	
Fluorene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	86-73-7	
Hexachlorobenzene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	118-74-1	
Hexachlorocyclopentadiene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	77-47-4	
Hexachloroethane	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	67-72-1	
Indeno(1,2,3-cd)pyrene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	193-39-5	
Isophorone	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	78-59-1	
2-Methylnaphthalene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	91-57-6	
2-Methylphenol(o-Cresol)	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	<792	ug/kg	792	1	03/14/19 13:44	03/15/19 13:07		
2-Nitroaniline	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	88-74-4	
3-Nitroaniline	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	99-09-2	
4-Nitroaniline	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	100-01-6	
Nitrobenzene	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	98-95-3	
2-Nitrophenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	88-75-5	
4-Nitrophenol	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	100-02-7	
N-Nitrosodimethylamine	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	62-75-9	
N-Nitroso-di-n-propylamine	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	621-64-7	
N-Nitrosodiphenylamine	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	86-30-6	
Pentachlorophenol	<1920	ug/kg	1920	1	03/14/19 13:44	03/15/19 13:07	87-86-5	
Phenanthrene	581	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	85-01-8	
Phenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	108-95-2	
Pyrene	648	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	129-00-0	
Pyridine	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	110-86-1	
2,4,5-Trichlorophenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	95-95-4	
2,4,6-Trichlorophenol	<396	ug/kg	396	1	03/14/19 13:44	03/15/19 13:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	40	%.	29-87	1	03/14/19 13:44	03/15/19 13:07	4165-60-0	
Phenol-d5 (S)	59	%.	24-99	1	03/14/19 13:44	03/15/19 13:07	4165-62-2	
2-Fluorophenol (S)	59	%.	22-99	1	03/14/19 13:44	03/15/19 13:07	367-12-4	
2,4,6-Tribromophenol (S)	54	%.	19-117	1	03/14/19 13:44	03/15/19 13:07	118-79-6	
2-Fluorobiphenyl (S)	60	%.	29-93	1	03/14/19 13:44	03/15/19 13:07	321-60-8	
p-Terphenyl-d14 (S)	95	%.	26-127	1	03/14/19 13:44	03/15/19 13:07	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<970	ug/kg	970	1		03/19/19 09:07	67-64-1	
Acrylonitrile	<970	ug/kg	970	1		03/19/19 09:07	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (5-6') Lab ID: 50218951038 Collected: 03/07/19 12:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	71-43-2	
Bromobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	108-86-1	
Bromochloromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	74-97-5	
Bromodichloromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-27-4	
Bromoform	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-25-2	
Bromomethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	74-83-9	
2-Butanone (MEK)	<243	ug/kg	243	1		03/19/19 09:07	78-93-3	
tert-Butyl Alcohol	<485	ug/kg	485	1		03/19/19 09:07	75-65-0	
n-Butylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	104-51-8	
sec-Butylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	135-98-8	
tert-Butylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	98-06-6	
Carbon disulfide	<97.0	ug/kg	97.0	1		03/19/19 09:07	75-15-0	
Carbon tetrachloride	<48.5	ug/kg	48.5	1		03/19/19 09:07	56-23-5	
Chlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	108-90-7	
Chloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-00-3	
Chloroform	<48.5	ug/kg	48.5	1		03/19/19 09:07	67-66-3	
Chloromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	74-87-3	
2-Chlorotoluene	<48.5	ug/kg	48.5	1		03/19/19 09:07	95-49-8	
1,2-Dibromo-3-chloropropane	<97.0	ug/kg	97.0	1		03/19/19 09:07	96-12-8	
Dibromochloromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	124-48-1	
1,2-Dibromoethane (EDB)	<48.5	ug/kg	48.5	1		03/19/19 09:07	106-93-4	
Dibromomethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	74-95-3	
1,2-Dichlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	95-50-1	
1,3-Dichlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	541-73-1	
1,4-Dichlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	106-46-7	
trans-1,4-Dichloro-2-butene	<970	ug/kg	970	1		03/19/19 09:07	110-57-6	
Dichlorodifluoromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-71-8	
1,1-Dichloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-34-3	
1,2-Dichloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	107-06-2	
1,1-Dichloroethene	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-35-4	
cis-1,2-Dichloroethene	<48.5	ug/kg	48.5	1		03/19/19 09:07	156-59-2	
trans-1,2-Dichloroethene	<48.5	ug/kg	48.5	1		03/19/19 09:07	156-60-5	
1,2-Dichloropropane	<48.5	ug/kg	48.5	1		03/19/19 09:07	78-87-5	
cis-1,3-Dichloropropene	<48.5	ug/kg	48.5	1		03/19/19 09:07	10061-01-5	
trans-1,3-Dichloropropene	<48.5	ug/kg	48.5	1		03/19/19 09:07	10061-02-6	
Diethyl ether (Ethyl ether)	<48.5	ug/kg	48.5	1		03/19/19 09:07	60-29-7	
Ethylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	100-41-4	
2-Hexanone	<970	ug/kg	970	1		03/19/19 09:07	591-78-6	
Iodomethane	<970	ug/kg	970	1		03/19/19 09:07	74-88-4	
Isopropylbenzene (Cumene)	<48.5	ug/kg	48.5	1		03/19/19 09:07	98-82-8	
p-Isopropyltoluene	<48.5	ug/kg	48.5	1		03/19/19 09:07	99-87-6	
Methylene Chloride	<194	ug/kg	194	1		03/19/19 09:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	<243	ug/kg	243	1		03/19/19 09:07	108-10-1	
Methyl-tert-butyl ether	<48.5	ug/kg	48.5	1		03/19/19 09:07	1634-04-4	L1
Naphthalene	<48.5	ug/kg	48.5	1		03/19/19 09:07	91-20-3	
n-Propylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-19 (5-6') Lab ID: 50218951038 Collected: 03/07/19 12:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.5	ug/kg	48.5	1		03/19/19 09:07	100-42-5	
1,1,1,2-Tetrachloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	630-20-6	
1,1,2,2-Tetrachloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	79-34-5	
Tetrachloroethene	<48.5	ug/kg	48.5	1		03/19/19 09:07	127-18-4	
Tetrahydrofuran	<970	ug/kg	970	1		03/19/19 09:07	109-99-9	
Toluene	<48.5	ug/kg	48.5	1		03/19/19 09:07	108-88-3	
1,2,3-Trichlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	87-61-6	
1,2,4-Trichlorobenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	120-82-1	
1,1,1-Trichloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	71-55-6	
1,1,2-Trichloroethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	79-00-5	
Trichloroethene	<48.5	ug/kg	48.5	1		03/19/19 09:07	79-01-6	
Trichlorofluoromethane	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-69-4	
1,2,3-Trichloropropane	<48.5	ug/kg	48.5	1		03/19/19 09:07	96-18-4	
1,2,3-Trimethylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	526-73-8	N2
1,2,4-Trimethylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	95-63-6	
1,3,5-Trimethylbenzene	<48.5	ug/kg	48.5	1		03/19/19 09:07	108-67-8	
Vinyl chloride	<48.5	ug/kg	48.5	1		03/19/19 09:07	75-01-4	
Xylene (Total)	<97.0	ug/kg	97.0	1		03/19/19 09:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 09:07	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 09:07	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 09:07	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.5	%	0.10	1		03/18/19 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (2-3') **Lab ID:** 50218951039 **Collected:** 03/07/19 12:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4270	ug/kg	2970	25	03/14/19 09:25	03/18/19 21:14	7440-38-2	
Barium	21400	ug/kg	119	1	03/14/19 09:25	03/19/19 02:28	7440-39-3	
Cadmium	202	ug/kg	59.3	1	03/14/19 09:25	03/19/19 02:28	7440-43-9	
Chromium	12500	ug/kg	1190	5	03/14/19 09:25	03/16/19 03:15	7440-47-3	
Copper	12800	ug/kg	297	5	03/14/19 09:25	03/16/19 03:15	7440-50-8	
Lead	5590	ug/kg	119	1	03/14/19 09:25	03/19/19 02:28	7439-92-1	N2
Selenium	<2970	ug/kg	2970	25	03/14/19 09:25	03/18/19 21:14	7782-49-2	D3
Silver	<59.3	ug/kg	59.3	1	03/14/19 09:25	03/19/19 02:28	7440-22-4	
Zinc	18600	ug/kg	2970	5	03/14/19 09:25	03/16/19 03:15	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<240	ug/kg	240	1	03/19/19 10:26	03/19/19 20:51	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	83-32-9	
Acenaphthylene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	208-96-8	
Aniline	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	62-53-3	
Anthracene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	120-12-7	
Atrazine	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	103-33-3	N2
Benidine	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	92-87-5	
Benzo(a)anthracene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	56-55-3	
Benzo(a)pyrene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	50-32-8	
Benzo(b)fluoranthene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	205-99-2	
Benzo(g,h,i)perylene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	191-24-2	
Benzo(k)fluoranthene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	65-85-0	
Benzyl alcohol	<798	ug/kg	798	1	03/14/19 13:44	03/15/19 13:23	100-51-6	
4-Bromophenylphenyl ether	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	101-55-3	
Butylbenzylphthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	85-68-7	
Caprolactam	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	105-60-2	N2
Carbazole	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	86-74-8	
4-Chloro-3-methylphenol	<798	ug/kg	798	1	03/14/19 13:44	03/15/19 13:23	59-50-7	
bis(2-Chloroethoxy)methane	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	111-91-1	
bis(2-Chloroethyl) ether	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	111-44-4	
bis(2-Chloroisopropyl) ether	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	108-60-1	
2-Chloronaphthalene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	91-58-7	
2-Chlorophenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	95-57-8	
4-Chlorophenylphenyl ether	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	7005-72-3	
Chrysene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	218-01-9	
Dibenz(a,h)anthracene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	53-70-3	
Dibenzofuran	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	132-64-9	
3,3'-Dichlorobenzidine	<798	ug/kg	798	1	03/14/19 13:44	03/15/19 13:23	91-94-1	
2,4-Dichlorophenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	120-83-2	
Diethylphthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (2-3') **Lab ID:** 50218951039 **Collected:** 03/07/19 12:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	105-67-9	
Dimethylphthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	131-11-3	
Di-n-butylphthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	84-74-2	
4,6-Dinitro-2-methylphenol	<798	ug/kg	798	1	03/14/19 13:44	03/15/19 13:23	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	51-28-5	
2,4-Dinitrotoluene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	121-14-2	
2,6-Dinitrotoluene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	606-20-2	
Di-n-octylphthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	117-84-0	
bis(2-Ethylhexyl)phthalate	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	117-81-7	
Fluoranthene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	206-44-0	
Fluorene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	86-73-7	
Hexachlorobenzene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	118-74-1	
Hexachlorocyclopentadiene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	77-47-4	
Hexachloroethane	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	67-72-1	
Indeno(1,2,3-cd)pyrene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	193-39-5	
Isophorone	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	78-59-1	
2-Methylnaphthalene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	91-57-6	
2-Methylphenol(o-Cresol)	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	<798	ug/kg	798	1	03/14/19 13:44	03/15/19 13:23		
2-Nitroaniline	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	88-74-4	
3-Nitroaniline	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	99-09-2	
4-Nitroaniline	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	100-01-6	
Nitrobenzene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	98-95-3	
2-Nitrophenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	100-02-7	
N-Nitrosodimethylamine	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	62-75-9	
N-Nitroso-di-n-propylamine	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	621-64-7	
N-Nitrosodiphenylamine	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/14/19 13:44	03/15/19 13:23	87-86-5	
Phenanthrene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	85-01-8	
Phenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	108-95-2	
Pyrene	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	129-00-0	
Pyridine	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	110-86-1	
2,4,5-Trichlorophenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	95-95-4	
2,4,6-Trichlorophenol	<399	ug/kg	399	1	03/14/19 13:44	03/15/19 13:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	40	%	29-87	1	03/14/19 13:44	03/15/19 13:23	4165-60-0	
Phenol-d5 (S)	51	%	24-99	1	03/14/19 13:44	03/15/19 13:23	4165-62-2	
2-Fluorophenol (S)	52	%	22-99	1	03/14/19 13:44	03/15/19 13:23	367-12-4	
2,4,6-Tribromophenol (S)	33	%	19-117	1	03/14/19 13:44	03/15/19 13:23	118-79-6	
2-Fluorobiphenyl (S)	43	%	29-93	1	03/14/19 13:44	03/15/19 13:23	321-60-8	
p-Terphenyl-d14 (S)	49	%	26-127	1	03/14/19 13:44	03/15/19 13:23	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1240	ug/kg	1240	1	03/19/19 09:40	67-64-1
Acrylonitrile	<1240	ug/kg	1240	1	03/19/19 09:40	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (2-3') **Lab ID:** 50218951039 **Collected:** 03/07/19 12:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	71-43-2	
Bromobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	108-86-1	
Bromochloromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	74-97-5	
Bromodichloromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-27-4	
Bromoform	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-25-2	
Bromomethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	74-83-9	
2-Butanone (MEK)	<311	ug/kg	311	1		03/19/19 09:40	78-93-3	
tert-Butyl Alcohol	<621	ug/kg	621	1		03/19/19 09:40	75-65-0	
n-Butylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	104-51-8	
sec-Butylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	135-98-8	
tert-Butylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	98-06-6	
Carbon disulfide	<124	ug/kg	124	1		03/19/19 09:40	75-15-0	
Carbon tetrachloride	<62.1	ug/kg	62.1	1		03/19/19 09:40	56-23-5	
Chlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	108-90-7	
Chloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-00-3	
Chloroform	<62.1	ug/kg	62.1	1		03/19/19 09:40	67-66-3	
Chloromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	74-87-3	
2-Chlorotoluene	<62.1	ug/kg	62.1	1		03/19/19 09:40	95-49-8	
1,2-Dibromo-3-chloropropane	<124	ug/kg	124	1		03/19/19 09:40	96-12-8	
Dibromochloromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	124-48-1	
1,2-Dibromoethane (EDB)	<62.1	ug/kg	62.1	1		03/19/19 09:40	106-93-4	
Dibromomethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	74-95-3	
1,2-Dichlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	95-50-1	
1,3-Dichlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	541-73-1	
1,4-Dichlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	106-46-7	
trans-1,4-Dichloro-2-butene	<1240	ug/kg	1240	1		03/19/19 09:40	110-57-6	
Dichlorodifluoromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-71-8	
1,1-Dichloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-34-3	
1,2-Dichloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	107-06-2	
1,1-Dichloroethene	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-35-4	
cis-1,2-Dichloroethene	<62.1	ug/kg	62.1	1		03/19/19 09:40	156-59-2	
trans-1,2-Dichloroethene	<62.1	ug/kg	62.1	1		03/19/19 09:40	156-60-5	
1,2-Dichloropropane	<62.1	ug/kg	62.1	1		03/19/19 09:40	78-87-5	
cis-1,3-Dichloropropene	<62.1	ug/kg	62.1	1		03/19/19 09:40	10061-01-5	
trans-1,3-Dichloropropene	<62.1	ug/kg	62.1	1		03/19/19 09:40	10061-02-6	
Diethyl ether (Ethyl ether)	<62.1	ug/kg	62.1	1		03/19/19 09:40	60-29-7	
Ethylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	100-41-4	
2-Hexanone	<1240	ug/kg	1240	1		03/19/19 09:40	591-78-6	
Iodomethane	<1240	ug/kg	1240	1		03/19/19 09:40	74-88-4	
Isopropylbenzene (Cumene)	<62.1	ug/kg	62.1	1		03/19/19 09:40	98-82-8	
p-Isopropyltoluene	<62.1	ug/kg	62.1	1		03/19/19 09:40	99-87-6	
Methylene Chloride	<248	ug/kg	248	1		03/19/19 09:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<311	ug/kg	311	1		03/19/19 09:40	108-10-1	
Methyl-tert-butyl ether	<62.1	ug/kg	62.1	1		03/19/19 09:40	1634-04-4	L1
Naphthalene	<62.1	ug/kg	62.1	1		03/19/19 09:40	91-20-3	
n-Propylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (2-3') **Lab ID:** 50218951039 **Collected:** 03/07/19 12:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<62.1	ug/kg	62.1	1		03/19/19 09:40	100-42-5	
1,1,1,2-Tetrachloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	630-20-6	
1,1,2,2-Tetrachloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	79-34-5	
Tetrachloroethene	<62.1	ug/kg	62.1	1		03/19/19 09:40	127-18-4	
Tetrahydrofuran	<1240	ug/kg	1240	1		03/19/19 09:40	109-99-9	
Toluene	<62.1	ug/kg	62.1	1		03/19/19 09:40	108-88-3	
1,2,3-Trichlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	87-61-6	
1,2,4-Trichlorobenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	120-82-1	
1,1,1-Trichloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	71-55-6	
1,1,2-Trichloroethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	79-00-5	
Trichloroethene	<62.1	ug/kg	62.1	1		03/19/19 09:40	79-01-6	
Trichlorofluoromethane	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-69-4	
1,2,3-Trichloropropane	<62.1	ug/kg	62.1	1		03/19/19 09:40	96-18-4	
1,2,3-Trimethylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	526-73-8	N2
1,2,4-Trimethylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	95-63-6	
1,3,5-Trimethylbenzene	<62.1	ug/kg	62.1	1		03/19/19 09:40	108-67-8	
Vinyl chloride	<62.1	ug/kg	62.1	1		03/19/19 09:40	75-01-4	
Xylene (Total)	<124	ug/kg	124	1		03/19/19 09:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 09:40	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 09:40	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 09:40	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.4	%	0.10	1		03/18/19 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (6-7') **Lab ID:** 50218951040 **Collected:** 03/07/19 12:40 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4480	ug/kg	2950	25	03/14/19 09:25	03/18/19 21:17	7440-38-2	
Barium	74000	ug/kg	590	5	03/14/19 09:25	03/16/19 03:19	7440-39-3	
Cadmium	129	ug/kg	59.0	1	03/14/19 09:25	03/19/19 02:32	7440-43-9	
Chromium	18200	ug/kg	5900	25	03/14/19 09:25	03/18/19 21:17	7440-47-3	
Copper	10700	ug/kg	295	5	03/14/19 09:25	03/16/19 03:19	7440-50-8	
Lead	6880	ug/kg	118	1	03/14/19 09:25	03/19/19 02:32	7439-92-1	N2
Selenium	<2950	ug/kg	2950	25	03/14/19 09:25	03/18/19 21:17	7782-49-2	D3
Silver	<59.0	ug/kg	59.0	1	03/14/19 09:25	03/19/19 02:32	7440-22-4	
Zinc	42900	ug/kg	2950	5	03/14/19 09:25	03/16/19 03:19	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<237	ug/kg	237	1	03/19/19 10:26	03/19/19 20:53	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	83-32-9	
Acenaphthylene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	208-96-8	
Aniline	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	62-53-3	
Anthracene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	120-12-7	
Atrazine	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	1912-24-9	N2
Azobenzene	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	103-33-3	N2
Benzidine	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	92-87-5	
Benzo(a)anthracene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	56-55-3	
Benzo(a)pyrene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	50-32-8	
Benzo(b)fluoranthene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	205-99-2	
Benzo(g,h,i)perylene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	191-24-2	
Benzo(k)fluoranthene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	207-08-9	
Benzoic acid	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	65-85-0	
Benzyl alcohol	<825	ug/kg	825	1	03/14/19 13:44	03/15/19 13:39	100-51-6	
4-Bromophenylphenyl ether	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	101-55-3	
Butylbenzylphthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	85-68-7	
Caprolactam	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	105-60-2	N2
Carbazole	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	86-74-8	
4-Chloro-3-methylphenol	<825	ug/kg	825	1	03/14/19 13:44	03/15/19 13:39	59-50-7	
bis(2-Chloroethoxy)methane	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	111-91-1	
bis(2-Chloroethyl) ether	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	111-44-4	
bis(2-Chloroisopropyl) ether	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	108-60-1	
2-Chloronaphthalene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	91-58-7	
2-Chlorophenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	95-57-8	
4-Chlorophenylphenyl ether	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	7005-72-3	
Chrysene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	218-01-9	
Dibenz(a,h)anthracene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	53-70-3	
Dibenzofuran	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	132-64-9	
3,3'-Dichlorobenzidine	<825	ug/kg	825	1	03/14/19 13:44	03/15/19 13:39	91-94-1	
2,4-Dichlorophenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	120-83-2	
Diethylphthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (6-7') **Lab ID:** 50218951040 **Collected:** 03/07/19 12:40 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	105-67-9	
Dimethylphthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	131-11-3	
Di-n-butylphthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	84-74-2	
4,6-Dinitro-2-methylphenol	<825	ug/kg	825	1	03/14/19 13:44	03/15/19 13:39	534-52-1	
2,4-Dinitrophenol	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	51-28-5	
2,4-Dinitrotoluene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	121-14-2	
2,6-Dinitrotoluene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	606-20-2	
Di-n-octylphthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	117-84-0	
bis(2-Ethylhexyl)phthalate	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	117-81-7	
Fluoranthene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	206-44-0	
Fluorene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	86-73-7	
Hexachlorobenzene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	118-74-1	
Hexachlorocyclopentadiene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	77-47-4	
Hexachloroethane	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	67-72-1	
Indeno(1,2,3-cd)pyrene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	193-39-5	
Isophorone	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	78-59-1	
2-Methylnaphthalene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	91-57-6	
2-Methylphenol(o-Cresol)	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<825	ug/kg	825	1	03/14/19 13:44	03/15/19 13:39		
2-Nitroaniline	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	88-74-4	
3-Nitroaniline	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	99-09-2	
4-Nitroaniline	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	100-01-6	
Nitrobenzene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	98-95-3	
2-Nitrophenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	88-75-5	
4-Nitrophenol	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	100-02-7	
N-Nitrosodimethylamine	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	62-75-9	
N-Nitroso-di-n-propylamine	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	621-64-7	
N-Nitrosodiphenylamine	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	86-30-6	
Pentachlorophenol	<2000	ug/kg	2000	1	03/14/19 13:44	03/15/19 13:39	87-86-5	
Phenanthrene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	85-01-8	
Phenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	108-95-2	
Pyrene	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	129-00-0	
Pyridine	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	110-86-1	
2,4,5-Trichlorophenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	95-95-4	
2,4,6-Trichlorophenol	<412	ug/kg	412	1	03/14/19 13:44	03/15/19 13:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%.	29-87	1	03/14/19 13:44	03/15/19 13:39	4165-60-0	
Phenol-d5 (S)	69	%.	24-99	1	03/14/19 13:44	03/15/19 13:39	4165-62-2	
2-Fluorophenol (S)	71	%.	22-99	1	03/14/19 13:44	03/15/19 13:39	367-12-4	
2,4,6-Tribromophenol (S)	43	%.	19-117	1	03/14/19 13:44	03/15/19 13:39	118-79-6	
2-Fluorobiphenyl (S)	65	%.	29-93	1	03/14/19 13:44	03/15/19 13:39	321-60-8	
p-Terphenyl-d14 (S)	96	%.	26-127	1	03/14/19 13:44	03/15/19 13:39	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1	03/19/19 10:12	67-64-1
Acrylonitrile	<1050	ug/kg	1050	1	03/19/19 10:12	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (6-7') Lab ID: 50218951040 Collected: 03/07/19 12:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	71-43-2	
Bromobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	108-86-1	
Bromochloromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	74-97-5	
Bromodichloromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-27-4	
Bromoform	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-25-2	
Bromomethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	74-83-9	
2-Butanone (MEK)	<263	ug/kg	263	1		03/19/19 10:12	78-93-3	
tert-Butyl Alcohol	<526	ug/kg	526	1		03/19/19 10:12	75-65-0	
n-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	104-51-8	
sec-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	135-98-8	
tert-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/19/19 10:12	75-15-0	
Carbon tetrachloride	<52.6	ug/kg	52.6	1		03/19/19 10:12	56-23-5	
Chlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	108-90-7	
Chloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-00-3	
Chloroform	<52.6	ug/kg	52.6	1		03/19/19 10:12	67-66-3	
Chloromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	74-87-3	
2-Chlorotoluene	<52.6	ug/kg	52.6	1		03/19/19 10:12	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/19/19 10:12	96-12-8	
Dibromochloromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	124-48-1	
1,2-Dibromoethane (EDB)	<52.6	ug/kg	52.6	1		03/19/19 10:12	106-93-4	
Dibromomethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	74-95-3	
1,2-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	95-50-1	
1,3-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	541-73-1	
1,4-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/19/19 10:12	110-57-6	
Dichlorodifluoromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-71-8	
1,1-Dichloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-34-3	
1,2-Dichloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	107-06-2	
1,1-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-35-4	
cis-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 10:12	156-59-2	
trans-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 10:12	156-60-5	
1,2-Dichloropropane	<52.6	ug/kg	52.6	1		03/19/19 10:12	78-87-5	
cis-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/19/19 10:12	10061-01-5	
trans-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/19/19 10:12	10061-02-6	
Diethyl ether (Ethyl ether)	<52.6	ug/kg	52.6	1		03/19/19 10:12	60-29-7	
Ethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/19/19 10:12	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/19/19 10:12	74-88-4	
Isopropylbenzene (Cumene)	<52.6	ug/kg	52.6	1		03/19/19 10:12	98-82-8	
p-Isopropyltoluene	<52.6	ug/kg	52.6	1		03/19/19 10:12	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/19/19 10:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	<263	ug/kg	263	1		03/19/19 10:12	108-10-1	
Methyl-tert-butyl ether	<52.6	ug/kg	52.6	1		03/19/19 10:12	1634-04-4	L1
Naphthalene	<52.6	ug/kg	52.6	1		03/19/19 10:12	91-20-3	
n-Propylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-20 (6-7') Lab ID: 50218951040 Collected: 03/07/19 12:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.6	ug/kg	52.6	1		03/19/19 10:12	100-42-5	
1,1,1,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	630-20-6	
1,1,2,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	79-34-5	
Tetrachloroethene	<52.6	ug/kg	52.6	1		03/19/19 10:12	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/19/19 10:12	109-99-9	
Toluene	<52.6	ug/kg	52.6	1		03/19/19 10:12	108-88-3	
1,2,3-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	87-61-6	
1,2,4-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	120-82-1	
1,1,1-Trichloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	71-55-6	
1,1,2-Trichloroethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	79-00-5	
Trichloroethene	<52.6	ug/kg	52.6	1		03/19/19 10:12	79-01-6	
Trichlorofluoromethane	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-69-4	
1,2,3-Trichloropropane	<52.6	ug/kg	52.6	1		03/19/19 10:12	96-18-4	
1,2,3-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	526-73-8	N2
1,2,4-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	95-63-6	
1,3,5-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 10:12	108-67-8	
Vinyl chloride	<52.6	ug/kg	52.6	1		03/19/19 10:12	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/19/19 10:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 10:12	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 10:12	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 10:12	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.0	%	0.10	1		03/18/19 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (1-2') Lab ID: 50218951041 Collected: 03/07/19 14:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4630	ug/kg	2890	25	03/14/19 09:25	03/18/19 21:28	7440-38-2	
Barium	44900	ug/kg	579	5	03/14/19 09:25	03/16/19 03:30	7440-39-3	
Cadmium	185	ug/kg	57.9	1	03/14/19 09:25	03/19/19 02:43	7440-43-9	
Chromium	9940	ug/kg	1160	5	03/14/19 09:25	03/16/19 03:30	7440-47-3	
Copper	8960	ug/kg	289	5	03/14/19 09:25	03/16/19 03:30	7440-50-8	
Lead	9750	ug/kg	116	1	03/14/19 09:25	03/19/19 02:43	7439-92-1	N2
Selenium	<2890	ug/kg	2890	25	03/14/19 09:25	03/18/19 21:28	7782-49-2	D3
Silver	<57.9	ug/kg	57.9	1	03/14/19 09:25	03/19/19 02:43	7440-22-4	
Zinc	29000	ug/kg	2890	5	03/14/19 09:25	03/16/19 03:30	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<238	ug/kg	238	1	03/19/19 10:26	03/19/19 21:00	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	83-32-9	
Acenaphthylene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	208-96-8	
Aniline	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	62-53-3	
Anthracene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	120-12-7	
Atrazine	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	1912-24-9	N2
Azobenzene	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	103-33-3	N2
Benidine	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	92-87-5	
Benzo(a)anthracene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	56-55-3	
Benzo(a)pyrene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	50-32-8	
Benzo(b)fluoranthene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	205-99-2	
Benzo(g,h,i)perylene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	191-24-2	
Benzo(k)fluoranthene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	207-08-9	
Benzoic acid	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	65-85-0	
Benzyl alcohol	<818	ug/kg	818	1	03/14/19 13:44	03/15/19 13:55	100-51-6	
4-Bromophenylphenyl ether	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	101-55-3	
Butylbenzylphthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	85-68-7	
Caprolactam	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	105-60-2	N2
Carbazole	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	86-74-8	
4-Chloro-3-methylphenol	<818	ug/kg	818	1	03/14/19 13:44	03/15/19 13:55	59-50-7	
bis(2-Chloroethoxy)methane	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	111-91-1	
bis(2-Chloroethyl) ether	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	111-44-4	
bis(2-Chloroisopropyl) ether	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	108-60-1	
2-Chloronaphthalene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	91-58-7	
2-Chlorophenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	95-57-8	
4-Chlorophenylphenyl ether	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	7005-72-3	
Chrysene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	218-01-9	
Dibenz(a,h)anthracene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	53-70-3	
Dibenzofuran	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	132-64-9	
3,3'-Dichlorobenzidine	<818	ug/kg	818	1	03/14/19 13:44	03/15/19 13:55	91-94-1	
2,4-Dichlorophenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	120-83-2	
Diethylphthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (1-2') **Lab ID:** 50218951041 **Collected:** 03/07/19 14:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	105-67-9	
Dimethylphthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	131-11-3	
Di-n-butylphthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	84-74-2	
4,6-Dinitro-2-methylphenol	<818	ug/kg	818	1	03/14/19 13:44	03/15/19 13:55	534-52-1	
2,4-Dinitrophenol	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	51-28-5	
2,4-Dinitrotoluene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	121-14-2	
2,6-Dinitrotoluene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	606-20-2	
Di-n-octylphthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	117-84-0	
bis(2-Ethylhexyl)phthalate	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	117-81-7	
Fluoranthene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	206-44-0	
Fluorene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	86-73-7	
Hexachlorobenzene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	118-74-1	
Hexachlorocyclopentadiene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	77-47-4	
Hexachloroethane	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	67-72-1	
Indeno(1,2,3-cd)pyrene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	193-39-5	
Isophorone	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	78-59-1	
2-Methylnaphthalene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	91-57-6	
2-Methylphenol(o-Cresol)	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	<818	ug/kg	818	1	03/14/19 13:44	03/15/19 13:55		
2-Nitroaniline	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	88-74-4	
3-Nitroaniline	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	99-09-2	
4-Nitroaniline	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	100-01-6	
Nitrobenzene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	98-95-3	
2-Nitrophenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	88-75-5	
4-Nitrophenol	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	100-02-7	
N-Nitrosodimethylamine	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	62-75-9	
N-Nitroso-di-n-propylamine	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	621-64-7	
N-Nitrosodiphenylamine	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	86-30-6	
Pentachlorophenol	<1980	ug/kg	1980	1	03/14/19 13:44	03/15/19 13:55	87-86-5	
Phenanthrene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	85-01-8	
Phenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	108-95-2	
Pyrene	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	129-00-0	
Pyridine	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	110-86-1	
2,4,5-Trichlorophenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	95-95-4	
2,4,6-Trichlorophenol	<409	ug/kg	409	1	03/14/19 13:44	03/15/19 13:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	44	%.	29-87	1	03/14/19 13:44	03/15/19 13:55	4165-60-0	
Phenol-d5 (S)	56	%.	24-99	1	03/14/19 13:44	03/15/19 13:55	4165-62-2	
2-Fluorophenol (S)	57	%.	22-99	1	03/14/19 13:44	03/15/19 13:55	367-12-4	
2,4,6-Tribromophenol (S)	44	%.	19-117	1	03/14/19 13:44	03/15/19 13:55	118-79-6	
2-Fluorobiphenyl (S)	48	%.	29-93	1	03/14/19 13:44	03/15/19 13:55	321-60-8	
p-Terphenyl-d14 (S)	52	%.	26-127	1	03/14/19 13:44	03/15/19 13:55	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1120	ug/kg	1120	1	03/19/19 10:45	67-64-1
Acrylonitrile	<1120	ug/kg	1120	1	03/19/19 10:45	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (1-2') **Lab ID:** 50218951041 **Collected:** 03/07/19 14:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	71-43-2	
Bromobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	108-86-1	
Bromochloromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	74-97-5	
Bromodichloromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-27-4	
Bromoform	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-25-2	
Bromomethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	74-83-9	
2-Butanone (MEK)	<279	ug/kg	279	1		03/19/19 10:45	78-93-3	
tert-Butyl Alcohol	<558	ug/kg	558	1		03/19/19 10:45	75-65-0	
n-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	104-51-8	
sec-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	135-98-8	
tert-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	98-06-6	
Carbon disulfide	<112	ug/kg	112	1		03/19/19 10:45	75-15-0	
Carbon tetrachloride	<55.8	ug/kg	55.8	1		03/19/19 10:45	56-23-5	
Chlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	108-90-7	
Chloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-00-3	
Chloroform	<55.8	ug/kg	55.8	1		03/19/19 10:45	67-66-3	
Chloromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	74-87-3	
2-Chlorotoluene	<55.8	ug/kg	55.8	1		03/19/19 10:45	95-49-8	
1,2-Dibromo-3-chloropropane	<112	ug/kg	112	1		03/19/19 10:45	96-12-8	
Dibromochloromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	124-48-1	
1,2-Dibromoethane (EDB)	<55.8	ug/kg	55.8	1		03/19/19 10:45	106-93-4	
Dibromomethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	74-95-3	
1,2-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	95-50-1	
1,3-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	541-73-1	
1,4-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	106-46-7	
trans-1,4-Dichloro-2-butene	<1120	ug/kg	1120	1		03/19/19 10:45	110-57-6	
Dichlorodifluoromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-71-8	
1,1-Dichloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-34-3	
1,2-Dichloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	107-06-2	
1,1-Dichloroethene	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-35-4	
cis-1,2-Dichloroethene	109	ug/kg	55.8	1		03/19/19 10:45	156-59-2	
trans-1,2-Dichloroethene	<55.8	ug/kg	55.8	1		03/19/19 10:45	156-60-5	
1,2-Dichloropropane	<55.8	ug/kg	55.8	1		03/19/19 10:45	78-87-5	
cis-1,3-Dichloropropene	<55.8	ug/kg	55.8	1		03/19/19 10:45	10061-01-5	
trans-1,3-Dichloropropene	<55.8	ug/kg	55.8	1		03/19/19 10:45	10061-02-6	
Diethyl ether (Ethyl ether)	<55.8	ug/kg	55.8	1		03/19/19 10:45	60-29-7	
Ethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	100-41-4	
2-Hexanone	<1120	ug/kg	1120	1		03/19/19 10:45	591-78-6	
Iodomethane	<1120	ug/kg	1120	1		03/19/19 10:45	74-88-4	
Isopropylbenzene (Cumene)	<55.8	ug/kg	55.8	1		03/19/19 10:45	98-82-8	
p-Isopropyltoluene	<55.8	ug/kg	55.8	1		03/19/19 10:45	99-87-6	
Methylene Chloride	<223	ug/kg	223	1		03/19/19 10:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	<279	ug/kg	279	1		03/19/19 10:45	108-10-1	
Methyl-tert-butyl ether	<55.8	ug/kg	55.8	1		03/19/19 10:45	1634-04-4	L1
Naphthalene	<55.8	ug/kg	55.8	1		03/19/19 10:45	91-20-3	
n-Propylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (1-2') Lab ID: 50218951041 Collected: 03/07/19 14:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<55.8	ug/kg	55.8	1		03/19/19 10:45	100-42-5	
1,1,1,2-Tetrachloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	630-20-6	
1,1,2,2-Tetrachloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	79-34-5	
Tetrachloroethene	103	ug/kg	55.8	1		03/19/19 10:45	127-18-4	
Tetrahydrofuran	<1120	ug/kg	1120	1		03/19/19 10:45	109-99-9	
Toluene	<55.8	ug/kg	55.8	1		03/19/19 10:45	108-88-3	
1,2,3-Trichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	87-61-6	
1,2,4-Trichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	120-82-1	
1,1,1-Trichloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	71-55-6	
1,1,2-Trichloroethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	79-00-5	
Trichloroethene	120	ug/kg	55.8	1		03/19/19 10:45	79-01-6	
Trichlorofluoromethane	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-69-4	
1,2,3-Trichloropropane	<55.8	ug/kg	55.8	1		03/19/19 10:45	96-18-4	
1,2,3-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	526-73-8	N2
1,2,4-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	95-63-6	
1,3,5-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 10:45	108-67-8	
Vinyl chloride	<55.8	ug/kg	55.8	1		03/19/19 10:45	75-01-4	
Xylene (Total)	<112	ug/kg	112	1		03/19/19 10:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 10:45	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		03/19/19 10:45	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 10:45	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.1	%	0.10	1		03/18/19 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (3-4') Lab ID: 50218951042 Collected: 03/07/19 14:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4280	ug/kg	2990	25	03/14/19 09:25	03/18/19 21:32	7440-38-2	
Barium	68300	ug/kg	597	5	03/14/19 09:25	03/16/19 03:33	7440-39-3	
Cadmium	152	ug/kg	59.7	1	03/14/19 09:25	03/19/19 02:47	7440-43-9	
Chromium	22000	ug/kg	5970	25	03/14/19 09:25	03/18/19 21:32	7440-47-3	
Copper	12600	ug/kg	1490	25	03/14/19 09:25	03/18/19 21:32	7440-50-8	
Lead	8260	ug/kg	119	1	03/14/19 09:25	03/19/19 02:47	7439-92-1	N2
Selenium	<2990	ug/kg	2990	25	03/14/19 09:25	03/18/19 21:32	7782-49-2	D3
Silver	<59.7	ug/kg	59.7	1	03/14/19 09:25	03/19/19 02:47	7440-22-4	
Zinc	37200	ug/kg	14900	25	03/14/19 09:25	03/18/19 21:32	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<249	ug/kg	249	1	03/19/19 10:26	03/19/19 21:02	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	83-32-9	
Acenaphthylene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	208-96-8	
Aniline	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	62-53-3	
Anthracene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	120-12-7	
Atrazine	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	1912-24-9	N2
Azobenzene	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	103-33-3	N2
Benidine	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	92-87-5	
Benzo(a)anthracene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	56-55-3	
Benzo(a)pyrene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	50-32-8	
Benzo(b)fluoranthene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	205-99-2	
Benzo(g,h,i)perylene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	191-24-2	
Benzo(k)fluoranthene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	207-08-9	
Benzoic acid	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	65-85-0	
Benzyl alcohol	<801	ug/kg	801	1	03/14/19 13:44	03/15/19 14:11	100-51-6	
4-Bromophenylphenyl ether	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	101-55-3	
Butylbenzylphthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	85-68-7	
Caprolactam	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	105-60-2	N2
Carbazole	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	86-74-8	
4-Chloro-3-methylphenol	<801	ug/kg	801	1	03/14/19 13:44	03/15/19 14:11	59-50-7	
bis(2-Chloroethoxy)methane	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	111-91-1	
bis(2-Chloroethyl) ether	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	111-44-4	
bis(2-Chloroisopropyl) ether	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	108-60-1	
2-Chloronaphthalene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	91-58-7	
2-Chlorophenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	95-57-8	
4-Chlorophenylphenyl ether	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	7005-72-3	
Chrysene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	218-01-9	
Dibenz(a,h)anthracene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	53-70-3	
Dibenzofuran	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	132-64-9	
3,3'-Dichlorobenzidine	<801	ug/kg	801	1	03/14/19 13:44	03/15/19 14:11	91-94-1	
2,4-Dichlorophenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	120-83-2	
Diethylphthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (3-4') **Lab ID:** 50218951042 **Collected:** 03/07/19 14:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	105-67-9	
Dimethylphthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	131-11-3	
Di-n-butylphthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	84-74-2	
4,6-Dinitro-2-methylphenol	<801	ug/kg	801	1	03/14/19 13:44	03/15/19 14:11	534-52-1	
2,4-Dinitrophenol	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	51-28-5	
2,4-Dinitrotoluene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	121-14-2	
2,6-Dinitrotoluene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	606-20-2	
Di-n-octylphthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	117-84-0	
bis(2-Ethylhexyl)phthalate	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	117-81-7	
Fluoranthene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	206-44-0	
Fluorene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	86-73-7	
Hexachlorobenzene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	118-74-1	
Hexachlorocyclopentadiene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	77-47-4	
Hexachloroethane	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	67-72-1	
Indeno(1,2,3-cd)pyrene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	193-39-5	
Isophorone	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	78-59-1	
2-Methylnaphthalene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	91-57-6	
2-Methylphenol(o-Cresol)	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	<801	ug/kg	801	1	03/14/19 13:44	03/15/19 14:11		
2-Nitroaniline	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	88-74-4	
3-Nitroaniline	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	99-09-2	
4-Nitroaniline	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	100-01-6	
Nitrobenzene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	98-95-3	
2-Nitrophenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	88-75-5	
4-Nitrophenol	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	100-02-7	
N-Nitrosodimethylamine	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	62-75-9	
N-Nitroso-di-n-propylamine	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	621-64-7	
N-Nitrosodiphenylamine	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	86-30-6	
Pentachlorophenol	<1940	ug/kg	1940	1	03/14/19 13:44	03/15/19 14:11	87-86-5	
Phenanthrene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	85-01-8	
Phenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	108-95-2	
Pyrene	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	129-00-0	
Pyridine	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	110-86-1	
2,4,5-Trichlorophenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	95-95-4	
2,4,6-Trichlorophenol	<401	ug/kg	401	1	03/14/19 13:44	03/15/19 14:11	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	53	%.	29-87	1	03/14/19 13:44	03/15/19 14:11	4165-60-0	
Phenol-d5 (S)	64	%.	24-99	1	03/14/19 13:44	03/15/19 14:11	4165-62-2	
2-Fluorophenol (S)	66	%.	22-99	1	03/14/19 13:44	03/15/19 14:11	367-12-4	
2,4,6-Tribromophenol (S)	47	%.	19-117	1	03/14/19 13:44	03/15/19 14:11	118-79-6	
2-Fluorobiphenyl (S)	60	%.	29-93	1	03/14/19 13:44	03/15/19 14:11	321-60-8	
p-Terphenyl-d14 (S)	82	%.	26-127	1	03/14/19 13:44	03/15/19 14:11	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1010	ug/kg	1010	1		03/19/19 11:17	67-64-1	
Acrylonitrile	<1010	ug/kg	1010	1		03/19/19 11:17	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (3-4') **Lab ID:** 50218951042 **Collected:** 03/07/19 14:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	71-43-2	
Bromobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	108-86-1	
Bromochloromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	74-97-5	
Bromodichloromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-27-4	
Bromoform	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-25-2	
Bromomethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	74-83-9	
2-Butanone (MEK)	<252	ug/kg	252	1		03/19/19 11:17	78-93-3	
tert-Butyl Alcohol	<504	ug/kg	504	1		03/19/19 11:17	75-65-0	
n-Butylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	104-51-8	
sec-Butylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	135-98-8	
tert-Butylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	98-06-6	
Carbon disulfide	<101	ug/kg	101	1		03/19/19 11:17	75-15-0	
Carbon tetrachloride	<50.4	ug/kg	50.4	1		03/19/19 11:17	56-23-5	
Chlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	108-90-7	
Chloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-00-3	
Chloroform	<50.4	ug/kg	50.4	1		03/19/19 11:17	67-66-3	
Chloromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	74-87-3	
2-Chlorotoluene	<50.4	ug/kg	50.4	1		03/19/19 11:17	95-49-8	
1,2-Dibromo-3-chloropropane	<101	ug/kg	101	1		03/19/19 11:17	96-12-8	
Dibromochloromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	124-48-1	
1,2-Dibromoethane (EDB)	<50.4	ug/kg	50.4	1		03/19/19 11:17	106-93-4	
Dibromomethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	74-95-3	
1,2-Dichlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	95-50-1	
1,3-Dichlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	541-73-1	
1,4-Dichlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	106-46-7	
trans-1,4-Dichloro-2-butene	<1010	ug/kg	1010	1		03/19/19 11:17	110-57-6	
Dichlorodifluoromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-71-8	
1,1-Dichloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-34-3	
1,2-Dichloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	107-06-2	
1,1-Dichloroethene	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-35-4	
cis-1,2-Dichloroethene	<50.4	ug/kg	50.4	1		03/19/19 11:17	156-59-2	
trans-1,2-Dichloroethene	<50.4	ug/kg	50.4	1		03/19/19 11:17	156-60-5	
1,2-Dichloropropane	<50.4	ug/kg	50.4	1		03/19/19 11:17	78-87-5	
cis-1,3-Dichloropropene	<50.4	ug/kg	50.4	1		03/19/19 11:17	10061-01-5	
trans-1,3-Dichloropropene	<50.4	ug/kg	50.4	1		03/19/19 11:17	10061-02-6	
Diethyl ether (Ethyl ether)	<50.4	ug/kg	50.4	1		03/19/19 11:17	60-29-7	
Ethylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	100-41-4	
2-Hexanone	<1010	ug/kg	1010	1		03/19/19 11:17	591-78-6	
Iodomethane	<1010	ug/kg	1010	1		03/19/19 11:17	74-88-4	
Isopropylbenzene (Cumene)	<50.4	ug/kg	50.4	1		03/19/19 11:17	98-82-8	
p-Isopropyltoluene	<50.4	ug/kg	50.4	1		03/19/19 11:17	99-87-6	
Methylene Chloride	<202	ug/kg	202	1		03/19/19 11:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	<252	ug/kg	252	1		03/19/19 11:17	108-10-1	
Methyl-tert-butyl ether	<50.4	ug/kg	50.4	1		03/19/19 11:17	1634-04-4	L1
Naphthalene	<50.4	ug/kg	50.4	1		03/19/19 11:17	91-20-3	
n-Propylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-21 (3-4') Lab ID: 50218951042 Collected: 03/07/19 14:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<50.4	ug/kg	50.4	1		03/19/19 11:17	100-42-5	
1,1,1,2-Tetrachloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	630-20-6	
1,1,2,2-Tetrachloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	79-34-5	
Tetrachloroethene	<50.4	ug/kg	50.4	1		03/19/19 11:17	127-18-4	
Tetrahydrofuran	<1010	ug/kg	1010	1		03/19/19 11:17	109-99-9	
Toluene	<50.4	ug/kg	50.4	1		03/19/19 11:17	108-88-3	
1,2,3-Trichlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	87-61-6	
1,2,4-Trichlorobenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	120-82-1	
1,1,1-Trichloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	71-55-6	
1,1,2-Trichloroethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	79-00-5	
Trichloroethene	<50.4	ug/kg	50.4	1		03/19/19 11:17	79-01-6	
Trichlorofluoromethane	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-69-4	
1,2,3-Trichloropropane	<50.4	ug/kg	50.4	1		03/19/19 11:17	96-18-4	
1,2,3-Trimethylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	526-73-8	N2
1,2,4-Trimethylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	95-63-6	
1,3,5-Trimethylbenzene	<50.4	ug/kg	50.4	1		03/19/19 11:17	108-67-8	
Vinyl chloride	<50.4	ug/kg	50.4	1		03/19/19 11:17	75-01-4	
Xylene (Total)	<101	ug/kg	101	1		03/19/19 11:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 11:17	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 11:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 11:17	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.6	%	0.10	1		03/18/19 10:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (2-3') Lab ID: 50218951043 Collected: 03/07/19 14:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4230	ug/kg	2970	25	03/14/19 09:25	03/18/19 21:36	7440-38-2	
Barium	22400	ug/kg	119	1	03/14/19 09:25	03/19/19 02:51	7440-39-3	
Cadmium	149	ug/kg	59.4	1	03/14/19 09:25	03/19/19 02:51	7440-43-9	
Chromium	8100	ug/kg	1190	5	03/14/19 09:25	03/16/19 03:37	7440-47-3	
Copper	8210	ug/kg	297	5	03/14/19 09:25	03/16/19 03:37	7440-50-8	
Lead	5530	ug/kg	119	1	03/14/19 09:25	03/19/19 02:51	7439-92-1	N2
Selenium	<2970	ug/kg	2970	25	03/14/19 09:25	03/18/19 21:36	7782-49-2	D3
Silver	<59.4	ug/kg	59.4	1	03/14/19 09:25	03/19/19 02:51	7440-22-4	
Zinc	63900	ug/kg	2970	5	03/14/19 09:25	03/16/19 03:37	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<247	ug/kg	247	1	03/19/19 10:26	03/19/19 21:04	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	83-32-9	
Acenaphthylene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	208-96-8	
Aniline	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	62-53-3	
Anthracene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	120-12-7	
Atrazine	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	1912-24-9	N2
Azobenzene	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	103-33-3	N2
Benidine	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	92-87-5	
Benzo(a)anthracene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	56-55-3	
Benzo(a)pyrene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	50-32-8	
Benzo(b)fluoranthene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	205-99-2	
Benzo(g,h,i)perylene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	191-24-2	
Benzo(k)fluoranthene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	207-08-9	
Benzoic acid	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	65-85-0	
Benzyl alcohol	<834	ug/kg	834	1	03/20/19 11:35	03/21/19 18:50	100-51-6	
4-Bromophenylphenyl ether	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	101-55-3	
Butylbenzylphthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	85-68-7	
Caprolactam	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	105-60-2	N2
Carbazole	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	86-74-8	
4-Chloro-3-methylphenol	<834	ug/kg	834	1	03/20/19 11:35	03/21/19 18:50	59-50-7	
bis(2-Chloroethoxy)methane	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	111-91-1	
bis(2-Chloroethyl) ether	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	111-44-4	
bis(2-Chloroisopropyl) ether	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	108-60-1	
2-Chloronaphthalene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	91-58-7	
2-Chlorophenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	95-57-8	
4-Chlorophenylphenyl ether	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	7005-72-3	
Chrysene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	218-01-9	
Dibenz(a,h)anthracene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	53-70-3	
Dibenzofuran	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	132-64-9	
3,3'-Dichlorobenzidine	<834	ug/kg	834	1	03/20/19 11:35	03/21/19 18:50	91-94-1	
2,4-Dichlorophenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	120-83-2	
Diethylphthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (2-3') **Lab ID:** 50218951043 **Collected:** 03/07/19 14:25 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	105-67-9	
Dimethylphthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	131-11-3	
Di-n-butylphthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	84-74-2	
4,6-Dinitro-2-methylphenol	<834	ug/kg	834	1	03/20/19 11:35	03/21/19 18:50	534-52-1	
2,4-Dinitrophenol	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	51-28-5	
2,4-Dinitrotoluene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	121-14-2	
2,6-Dinitrotoluene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	606-20-2	
Di-n-octylphthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	117-84-0	
bis(2-Ethylhexyl)phthalate	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	117-81-7	
Fluoranthene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	206-44-0	
Fluorene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	86-73-7	
Hexachlorobenzene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	118-74-1	
Hexachlorocyclopentadiene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	77-47-4	
Hexachloroethane	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	67-72-1	
Indeno(1,2,3-cd)pyrene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	193-39-5	
Isophorone	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	78-59-1	
2-Methylnaphthalene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	91-57-6	
2-Methylphenol(o-Cresol)	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	<834	ug/kg	834	1	03/20/19 11:35	03/21/19 18:50		
2-Nitroaniline	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	88-74-4	
3-Nitroaniline	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	99-09-2	
4-Nitroaniline	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	100-01-6	
Nitrobenzene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	98-95-3	
2-Nitrophenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	88-75-5	
4-Nitrophenol	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	100-02-7	
N-Nitrosodimethylamine	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	62-75-9	
N-Nitroso-di-n-propylamine	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	621-64-7	
N-Nitrosodiphenylamine	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	86-30-6	
Pentachlorophenol	<2020	ug/kg	2020	1	03/20/19 11:35	03/21/19 18:50	87-86-5	
Phenanthrene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	85-01-8	
Phenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	108-95-2	
Pyrene	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	129-00-0	
Pyridine	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	110-86-1	
2,4,5-Trichlorophenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	95-95-4	
2,4,6-Trichlorophenol	<417	ug/kg	417	1	03/20/19 11:35	03/21/19 18:50	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	45	%.	18-98	1	03/20/19 11:35	03/21/19 18:50	4165-60-0	
Phenol-d5 (S)	33	%.	18-108	1	03/20/19 11:35	03/21/19 18:50	4165-62-2	
2-Fluorophenol (S)	35	%.	16-104	1	03/20/19 11:35	03/21/19 18:50	367-12-4	
2,4,6-Tribromophenol (S)	30	%.	10-114	1	03/20/19 11:35	03/21/19 18:50	118-79-6	
2-Fluorobiphenyl (S)	52	%.	21-96	1	03/20/19 11:35	03/21/19 18:50	321-60-8	
p-Terphenyl-d14 (S)	22	%.	29-124	1	03/20/19 11:35	03/21/19 18:50	1718-51-0	S0

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1060	ug/kg	1060	1	03/19/19 11:50	67-64-1
Acrylonitrile	<1060	ug/kg	1060	1	03/19/19 11:50	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (2-3') Lab ID: 50218951043 Collected: 03/07/19 14:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	71-43-2	
Bromobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	108-86-1	
Bromochloromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	74-97-5	
Bromodichloromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-27-4	
Bromoform	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-25-2	
Bromomethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	74-83-9	
2-Butanone (MEK)	<266	ug/kg	266	1		03/19/19 11:50	78-93-3	
tert-Butyl Alcohol	<531	ug/kg	531	1		03/19/19 11:50	75-65-0	
n-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	104-51-8	
sec-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	135-98-8	
tert-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	98-06-6	
Carbon disulfide	<106	ug/kg	106	1		03/19/19 11:50	75-15-0	
Carbon tetrachloride	<53.1	ug/kg	53.1	1		03/19/19 11:50	56-23-5	
Chlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	108-90-7	
Chloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-00-3	
Chloroform	<53.1	ug/kg	53.1	1		03/19/19 11:50	67-66-3	
Chloromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	74-87-3	
2-Chlorotoluene	<53.1	ug/kg	53.1	1		03/19/19 11:50	95-49-8	
1,2-Dibromo-3-chloropropane	<106	ug/kg	106	1		03/19/19 11:50	96-12-8	
Dibromochloromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	124-48-1	
1,2-Dibromoethane (EDB)	<53.1	ug/kg	53.1	1		03/19/19 11:50	106-93-4	
Dibromomethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	74-95-3	
1,2-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	95-50-1	
1,3-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	541-73-1	
1,4-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	106-46-7	
trans-1,4-Dichloro-2-butene	<1060	ug/kg	1060	1		03/19/19 11:50	110-57-6	
Dichlorodifluoromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-71-8	
1,1-Dichloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-34-3	
1,2-Dichloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	107-06-2	
1,1-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-35-4	
cis-1,2-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 11:50	156-59-2	
trans-1,2-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 11:50	156-60-5	
1,2-Dichloropropane	<53.1	ug/kg	53.1	1		03/19/19 11:50	78-87-5	
cis-1,3-Dichloropropene	<53.1	ug/kg	53.1	1		03/19/19 11:50	10061-01-5	
trans-1,3-Dichloropropene	<53.1	ug/kg	53.1	1		03/19/19 11:50	10061-02-6	
Diethyl ether (Ethyl ether)	<53.1	ug/kg	53.1	1		03/19/19 11:50	60-29-7	
Ethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	100-41-4	
2-Hexanone	<1060	ug/kg	1060	1		03/19/19 11:50	591-78-6	
Iodomethane	<1060	ug/kg	1060	1		03/19/19 11:50	74-88-4	
Isopropylbenzene (Cumene)	<53.1	ug/kg	53.1	1		03/19/19 11:50	98-82-8	
p-Isopropyltoluene	<53.1	ug/kg	53.1	1		03/19/19 11:50	99-87-6	
Methylene Chloride	<213	ug/kg	213	1		03/19/19 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	<266	ug/kg	266	1		03/19/19 11:50	108-10-1	
Methyl-tert-butyl ether	<53.1	ug/kg	53.1	1		03/19/19 11:50	1634-04-4	L1
Naphthalene	<53.1	ug/kg	53.1	1		03/19/19 11:50	91-20-3	
n-Propylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (2-3') Lab ID: 50218951043 Collected: 03/07/19 14:25 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.1	ug/kg	53.1	1		03/19/19 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	79-34-5	
Tetrachloroethene	<53.1	ug/kg	53.1	1		03/19/19 11:50	127-18-4	
Tetrahydrofuran	<1060	ug/kg	1060	1		03/19/19 11:50	109-99-9	
Toluene	<53.1	ug/kg	53.1	1		03/19/19 11:50	108-88-3	
1,2,3-Trichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	87-61-6	
1,2,4-Trichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	120-82-1	
1,1,1-Trichloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	71-55-6	
1,1,2-Trichloroethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	79-00-5	
Trichloroethene	<53.1	ug/kg	53.1	1		03/19/19 11:50	79-01-6	
Trichlorofluoromethane	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-69-4	
1,2,3-Trichloropropane	<53.1	ug/kg	53.1	1		03/19/19 11:50	96-18-4	
1,2,3-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	526-73-8	N2
1,2,4-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	95-63-6	
1,3,5-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 11:50	108-67-8	
Vinyl chloride	<53.1	ug/kg	53.1	1		03/19/19 11:50	75-01-4	
Xylene (Total)	<106	ug/kg	106	1		03/19/19 11:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	85-118	1		03/19/19 11:50	1868-53-7	
Toluene-d8 (S)	102	%	71-128	1		03/19/19 11:50	2037-26-5	
4-Bromofluorobenzene (S)	102	%	56-144	1		03/19/19 11:50	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	21.3	%	0.10	1		03/18/19 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (8-9') Lab ID: 50218951044 Collected: 03/07/19 14:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5630	ug/kg	3120	25	03/14/19 09:25	03/18/19 21:40	7440-38-2	
Barium	121000	ug/kg	624	5	03/14/19 09:25	03/16/19 03:41	7440-39-3	
Cadmium	255	ug/kg	62.4	1	03/14/19 09:25	03/19/19 02:54	7440-43-9	
Chromium	32600	ug/kg	6240	25	03/14/19 09:25	03/18/19 21:40	7440-47-3	
Copper	35200	ug/kg	1560	25	03/14/19 09:25	03/18/19 21:40	7440-50-8	
Lead	13200	ug/kg	125	1	03/14/19 09:25	03/19/19 02:54	7439-92-1	N2
Selenium	<3120	ug/kg	3120	25	03/14/19 09:25	03/18/19 21:40	7782-49-2	D3
Silver	<62.4	ug/kg	62.4	1	03/14/19 09:25	03/19/19 02:54	7440-22-4	
Zinc	72600	ug/kg	15600	25	03/14/19 09:25	03/18/19 21:40	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<243	ug/kg	243	1	03/19/19 10:26	03/19/19 21:06	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	83-32-9	
Acenaphthylene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	208-96-8	
Aniline	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	62-53-3	
Anthracene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	120-12-7	
Atrazine	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	1912-24-9	N2
Azobenzene	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	103-33-3	N2
Benidine	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	92-87-5	
Benzo(a)anthracene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	56-55-3	
Benzo(a)pyrene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	50-32-8	
Benzo(b)fluoranthene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	205-99-2	
Benzo(g,h,i)perylene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	191-24-2	
Benzo(k)fluoranthene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	207-08-9	
Benzoic acid	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	65-85-0	
Benzyl alcohol	<846	ug/kg	846	1	03/14/19 13:44	03/15/19 14:42	100-51-6	
4-Bromophenylphenyl ether	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	101-55-3	
Butylbenzylphthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	85-68-7	
Caprolactam	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	105-60-2	N2
Carbazole	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	86-74-8	
4-Chloro-3-methylphenol	<846	ug/kg	846	1	03/14/19 13:44	03/15/19 14:42	59-50-7	R1
bis(2-Chloroethoxy)methane	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	111-91-1	
bis(2-Chloroethyl) ether	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	111-44-4	
bis(2-Chloroisopropyl) ether	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	108-60-1	
2-Chloronaphthalene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	91-58-7	
2-Chlorophenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	95-57-8	
4-Chlorophenylphenyl ether	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	7005-72-3	
Chrysene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	218-01-9	
Dibenz(a,h)anthracene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	53-70-3	
Dibenzofuran	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	132-64-9	
3,3'-Dichlorobenzidine	<846	ug/kg	846	1	03/14/19 13:44	03/15/19 14:42	91-94-1	
2,4-Dichlorophenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	120-83-2	
Diethylphthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (8-9') **Lab ID:** 50218951044 **Collected:** 03/07/19 14:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	105-67-9	
Dimethylphthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	131-11-3	
Di-n-butylphthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	84-74-2	
4,6-Dinitro-2-methylphenol	<846	ug/kg	846	1	03/14/19 13:44	03/15/19 14:42	534-52-1	
2,4-Dinitrophenol	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	51-28-5	
2,4-Dinitrotoluene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	121-14-2	M1
2,6-Dinitrotoluene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	606-20-2	
Di-n-octylphthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	117-84-0	
bis(2-Ethylhexyl)phthalate	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	117-81-7	
Fluoranthene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	206-44-0	
Fluorene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	86-73-7	
Hexachlorobenzene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	118-74-1	
Hexachlorocyclopentadiene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	77-47-4	
Hexachloroethane	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	67-72-1	
Indeno(1,2,3-cd)pyrene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	193-39-5	
Isophorone	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	78-59-1	
2-Methylnaphthalene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	91-57-6	R1
2-Methylphenol(o-Cresol)	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	<846	ug/kg	846	1	03/14/19 13:44	03/15/19 14:42		
2-Nitroaniline	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	88-74-4	
3-Nitroaniline	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	99-09-2	
4-Nitroaniline	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	100-01-6	
Nitrobenzene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	98-95-3	
2-Nitrophenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	88-75-5	
4-Nitrophenol	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	100-02-7	
N-Nitrosodimethylamine	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	62-75-9	
N-Nitroso-di-n-propylamine	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	621-64-7	
N-Nitrosodiphenylamine	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	86-30-6	
Pentachlorophenol	<2050	ug/kg	2050	1	03/14/19 13:44	03/15/19 14:42	87-86-5	
Phenanthrene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	85-01-8	
Phenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	108-95-2	
Pyrene	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	129-00-0	
Pyridine	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	110-86-1	
2,4,5-Trichlorophenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	95-95-4	
2,4,6-Trichlorophenol	<423	ug/kg	423	1	03/14/19 13:44	03/15/19 14:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	42	%	29-87	1	03/14/19 13:44	03/15/19 14:42	4165-60-0	
Phenol-d5 (S)	51	%	24-99	1	03/14/19 13:44	03/15/19 14:42	4165-62-2	
2-Fluorophenol (S)	51	%	22-99	1	03/14/19 13:44	03/15/19 14:42	367-12-4	
2,4,6-Tribromophenol (S)	38	%	19-117	1	03/14/19 13:44	03/15/19 14:42	118-79-6	
2-Fluorobiphenyl (S)	44	%	29-93	1	03/14/19 13:44	03/15/19 14:42	321-60-8	
p-Terphenyl-d14 (S)	63	%	26-127	1	03/14/19 13:44	03/15/19 14:42	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1100	ug/kg	1100	1	03/19/19 12:22	67-64-1
Acrylonitrile	<1100	ug/kg	1100	1	03/19/19 12:22	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (8-9') **Lab ID:** 50218951044 **Collected:** 03/07/19 14:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	71-43-2	
Bromobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	108-86-1	
Bromochloromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	74-97-5	
Bromodichloromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-27-4	
Bromoform	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-25-2	
Bromomethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	74-83-9	
2-Butanone (MEK)	<274	ug/kg	274	1		03/19/19 12:22	78-93-3	
tert-Butyl Alcohol	<548	ug/kg	548	1		03/19/19 12:22	75-65-0	
n-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	104-51-8	
sec-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	135-98-8	
tert-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	98-06-6	
Carbon disulfide	<110	ug/kg	110	1		03/19/19 12:22	75-15-0	
Carbon tetrachloride	<54.8	ug/kg	54.8	1		03/19/19 12:22	56-23-5	
Chlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	108-90-7	
Chloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-00-3	
Chloroform	<54.8	ug/kg	54.8	1		03/19/19 12:22	67-66-3	
Chloromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	74-87-3	
2-Chlorotoluene	<54.8	ug/kg	54.8	1		03/19/19 12:22	95-49-8	
1,2-Dibromo-3-chloropropane	<110	ug/kg	110	1		03/19/19 12:22	96-12-8	
Dibromochloromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	124-48-1	
1,2-Dibromoethane (EDB)	<54.8	ug/kg	54.8	1		03/19/19 12:22	106-93-4	
Dibromomethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	74-95-3	
1,2-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	95-50-1	
1,3-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	541-73-1	
1,4-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	106-46-7	
trans-1,4-Dichloro-2-butene	<1100	ug/kg	1100	1		03/19/19 12:22	110-57-6	
Dichlorodifluoromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-71-8	
1,1-Dichloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-34-3	
1,2-Dichloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	107-06-2	
1,1-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-35-4	
cis-1,2-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 12:22	156-59-2	
trans-1,2-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 12:22	156-60-5	
1,2-Dichloropropane	<54.8	ug/kg	54.8	1		03/19/19 12:22	78-87-5	
cis-1,3-Dichloropropene	<54.8	ug/kg	54.8	1		03/19/19 12:22	10061-01-5	
trans-1,3-Dichloropropene	<54.8	ug/kg	54.8	1		03/19/19 12:22	10061-02-6	
Diethyl ether (Ethyl ether)	<54.8	ug/kg	54.8	1		03/19/19 12:22	60-29-7	
Ethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	100-41-4	
2-Hexanone	<1100	ug/kg	1100	1		03/19/19 12:22	591-78-6	
Iodomethane	<1100	ug/kg	1100	1		03/19/19 12:22	74-88-4	
Isopropylbenzene (Cumene)	<54.8	ug/kg	54.8	1		03/19/19 12:22	98-82-8	
p-Isopropyltoluene	<54.8	ug/kg	54.8	1		03/19/19 12:22	99-87-6	
Methylene Chloride	<219	ug/kg	219	1		03/19/19 12:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	<274	ug/kg	274	1		03/19/19 12:22	108-10-1	
Methyl-tert-butyl ether	<54.8	ug/kg	54.8	1		03/19/19 12:22	1634-04-4	L1
Naphthalene	<54.8	ug/kg	54.8	1		03/19/19 12:22	91-20-3	
n-Propylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-22 (8-9') Lab ID: 50218951044 Collected: 03/07/19 14:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.8	ug/kg	54.8	1		03/19/19 12:22	100-42-5	
1,1,1,2-Tetrachloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	630-20-6	
1,1,2,2-Tetrachloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	79-34-5	
Tetrachloroethene	<54.8	ug/kg	54.8	1		03/19/19 12:22	127-18-4	
Tetrahydrofuran	<1100	ug/kg	1100	1		03/19/19 12:22	109-99-9	
Toluene	<54.8	ug/kg	54.8	1		03/19/19 12:22	108-88-3	
1,2,3-Trichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	87-61-6	
1,2,4-Trichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	120-82-1	
1,1,1-Trichloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	71-55-6	
1,1,2-Trichloroethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	79-00-5	
Trichloroethene	317	ug/kg	110	2		03/22/19 14:26	79-01-6	
Trichlorofluoromethane	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-69-4	
1,2,3-Trichloropropane	<54.8	ug/kg	54.8	1		03/19/19 12:22	96-18-4	
1,2,3-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	526-73-8	N2
1,2,4-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	95-63-6	
1,3,5-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 12:22	108-67-8	
Vinyl chloride	<54.8	ug/kg	54.8	1		03/19/19 12:22	75-01-4	
Xylene (Total)	<110	ug/kg	110	1		03/19/19 12:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%	85-118	1		03/19/19 12:22	1868-53-7	
Toluene-d8 (S)	101	%	71-128	1		03/19/19 12:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	56-144	1		03/19/19 12:22	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	22.3	%	0.10	1		03/18/19 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (1-2') Lab ID: 50218951045 Collected: 03/07/19 14:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4250	ug/kg	2990	25	03/14/19 09:25	03/18/19 21:51	7440-38-2	
Barium	42500	ug/kg	599	5	03/14/19 09:25	03/16/19 03:52	7440-39-3	
Cadmium	149	ug/kg	59.9	1	03/14/19 09:25	03/19/19 03:05	7440-43-9	
Chromium	8760	ug/kg	239	1	03/14/19 09:25	03/19/19 03:05	7440-47-3	
Copper	6720	ug/kg	59.9	1	03/14/19 09:25	03/19/19 03:05	7440-50-8	
Lead	9200	ug/kg	120	1	03/14/19 09:25	03/19/19 03:05	7439-92-1	N2
Selenium	<2990	ug/kg	2990	25	03/14/19 09:25	03/18/19 21:51	7782-49-2	D3
Silver	<59.9	ug/kg	59.9	1	03/14/19 09:25	03/19/19 03:05	7440-22-4	
Zinc	22200	ug/kg	599	1	03/14/19 09:25	03/19/19 03:05	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<252	ug/kg	252	1	03/19/19 10:26	03/19/19 21:08	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	83-32-9	
Acenaphthylene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	208-96-8	
Aniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	62-53-3	
Anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	120-12-7	
Atrazine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	1912-24-9	N2
Azobenzene	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	103-33-3	N2
Benidine	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	92-87-5	
Benzo(a)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	56-55-3	
Benzo(a)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	50-32-8	
Benzo(b)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	205-99-2	
Benzo(g,h,i)perylene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	191-24-2	
Benzo(k)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	207-08-9	
Benzoic acid	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	65-85-0	
Benzyl alcohol	<802	ug/kg	802	1	03/18/19 12:40	03/20/19 10:18	100-51-6	
4-Bromophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	101-55-3	
Butylbenzylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	85-68-7	
Caprolactam	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	105-60-2	N2
Carbazole	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	86-74-8	
4-Chloro-3-methylphenol	<802	ug/kg	802	1	03/18/19 12:40	03/20/19 10:18	59-50-7	
bis(2-Chloroethoxy)methane	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	111-91-1	
bis(2-Chloroethyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	111-44-4	
bis(2-Chloroisopropyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	108-60-1	
2-Chloronaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	91-58-7	
2-Chlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	95-57-8	
4-Chlorophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	7005-72-3	
Chrysene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	218-01-9	
Dibenz(a,h)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	53-70-3	
Dibenzofuran	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	132-64-9	
3,3'-Dichlorobenzidine	<802	ug/kg	802	1	03/18/19 12:40	03/20/19 10:18	91-94-1	
2,4-Dichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	120-83-2	
Diethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (1-2') **Lab ID:** 50218951045 **Collected:** 03/07/19 14:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	105-67-9	
Dimethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	131-11-3	
Di-n-butylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	84-74-2	
4,6-Dinitro-2-methylphenol	<802	ug/kg	802	1	03/18/19 12:40	03/20/19 10:18	534-52-1	
2,4-Dinitrophenol	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	51-28-5	
2,4-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	121-14-2	
2,6-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	606-20-2	
Di-n-octylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	117-84-0	
bis(2-Ethylhexyl)phthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	117-81-7	
Fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	206-44-0	
Fluorene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	86-73-7	
Hexachlorobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	118-74-1	
Hexachlorocyclopentadiene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	77-47-4	
Hexachloroethane	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	67-72-1	
Indeno(1,2,3-cd)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	193-39-5	
Isophorone	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	78-59-1	
2-Methylnaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	91-57-6	
2-Methylphenol(o-Cresol)	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	<802	ug/kg	802	1	03/18/19 12:40	03/20/19 10:18		
2-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	88-74-4	
3-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	99-09-2	
4-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	100-01-6	
Nitrobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	98-95-3	
2-Nitrophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	88-75-5	
4-Nitrophenol	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	100-02-7	
N-Nitrosodimethylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	62-75-9	
N-Nitroso-di-n-propylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	621-64-7	
N-Nitrosodiphenylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	86-30-6	
Pentachlorophenol	<1940	ug/kg	1940	1	03/18/19 12:40	03/20/19 10:18	87-86-5	
Phenanthrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	85-01-8	
Phenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	108-95-2	
Pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	129-00-0	
Pyridine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	110-86-1	
2,4,5-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	95-95-4	
2,4,6-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 10:18	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%.	18-98	1	03/18/19 12:40	03/20/19 10:18	4165-60-0	
Phenol-d5 (S)	80	%.	18-108	1	03/18/19 12:40	03/20/19 10:18	4165-62-2	
2-Fluorophenol (S)	79	%.	16-104	1	03/18/19 12:40	03/20/19 10:18	367-12-4	
2,4,6-Tribromophenol (S)	78	%.	10-114	1	03/18/19 12:40	03/20/19 10:18	118-79-6	
2-Fluorobiphenyl (S)	72	%.	21-96	1	03/18/19 12:40	03/20/19 10:18	321-60-8	
p-Terphenyl-d14 (S)	91	%.	29-124	1	03/18/19 12:40	03/20/19 10:18	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1110	ug/kg	1110	1	03/19/19 12:55	67-64-1
Acrylonitrile	<1110	ug/kg	1110	1	03/19/19 12:55	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (1-2') **Lab ID:** 50218951045 **Collected:** 03/07/19 14:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	71-43-2	
Bromobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	108-86-1	
Bromochloromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	74-97-5	
Bromodichloromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-27-4	
Bromoform	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-25-2	
Bromomethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	74-83-9	
2-Butanone (MEK)	<277	ug/kg	277	1		03/19/19 12:55	78-93-3	
tert-Butyl Alcohol	<555	ug/kg	555	1		03/19/19 12:55	75-65-0	
n-Butylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	104-51-8	
sec-Butylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	135-98-8	
tert-Butylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	98-06-6	
Carbon disulfide	<111	ug/kg	111	1		03/19/19 12:55	75-15-0	
Carbon tetrachloride	<55.5	ug/kg	55.5	1		03/19/19 12:55	56-23-5	
Chlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	108-90-7	
Chloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-00-3	
Chloroform	<55.5	ug/kg	55.5	1		03/19/19 12:55	67-66-3	
Chloromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	74-87-3	
2-Chlorotoluene	<55.5	ug/kg	55.5	1		03/19/19 12:55	95-49-8	
1,2-Dibromo-3-chloropropane	<111	ug/kg	111	1		03/19/19 12:55	96-12-8	
Dibromochloromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	124-48-1	
1,2-Dibromoethane (EDB)	<55.5	ug/kg	55.5	1		03/19/19 12:55	106-93-4	
Dibromomethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	74-95-3	
1,2-Dichlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	95-50-1	
1,3-Dichlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	541-73-1	
1,4-Dichlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	106-46-7	
trans-1,4-Dichloro-2-butene	<1110	ug/kg	1110	1		03/19/19 12:55	110-57-6	
Dichlorodifluoromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-71-8	
1,1-Dichloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-34-3	
1,2-Dichloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	107-06-2	
1,1-Dichloroethene	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-35-4	
cis-1,2-Dichloroethene	<55.5	ug/kg	55.5	1		03/19/19 12:55	156-59-2	
trans-1,2-Dichloroethene	<55.5	ug/kg	55.5	1		03/19/19 12:55	156-60-5	
1,2-Dichloropropane	<55.5	ug/kg	55.5	1		03/19/19 12:55	78-87-5	
cis-1,3-Dichloropropene	<55.5	ug/kg	55.5	1		03/19/19 12:55	10061-01-5	
trans-1,3-Dichloropropene	<55.5	ug/kg	55.5	1		03/19/19 12:55	10061-02-6	
Diethyl ether (Ethyl ether)	<55.5	ug/kg	55.5	1		03/19/19 12:55	60-29-7	
Ethylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	100-41-4	
2-Hexanone	<1110	ug/kg	1110	1		03/19/19 12:55	591-78-6	
Iodomethane	<1110	ug/kg	1110	1		03/19/19 12:55	74-88-4	
Isopropylbenzene (Cumene)	<55.5	ug/kg	55.5	1		03/19/19 12:55	98-82-8	
p-Isopropyltoluene	<55.5	ug/kg	55.5	1		03/19/19 12:55	99-87-6	
Methylene Chloride	<222	ug/kg	222	1		03/19/19 12:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	<277	ug/kg	277	1		03/19/19 12:55	108-10-1	
Methyl-tert-butyl ether	<55.5	ug/kg	55.5	1		03/19/19 12:55	1634-04-4	L1
Naphthalene	<55.5	ug/kg	55.5	1		03/19/19 12:55	91-20-3	
n-Propylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (1-2') Lab ID: 50218951045 Collected: 03/07/19 14:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<55.5	ug/kg	55.5	1		03/19/19 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	79-34-5	
Tetrachloroethene	<55.5	ug/kg	55.5	1		03/19/19 12:55	127-18-4	
Tetrahydrofuran	<1110	ug/kg	1110	1		03/19/19 12:55	109-99-9	
Toluene	<55.5	ug/kg	55.5	1		03/19/19 12:55	108-88-3	
1,2,3-Trichlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	87-61-6	
1,2,4-Trichlorobenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	120-82-1	
1,1,1-Trichloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	71-55-6	
1,1,2-Trichloroethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	79-00-5	
Trichloroethene	<55.5	ug/kg	55.5	1		03/19/19 12:55	79-01-6	
Trichlorofluoromethane	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-69-4	
1,2,3-Trichloropropane	<55.5	ug/kg	55.5	1		03/19/19 12:55	96-18-4	
1,2,3-Trimethylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	526-73-8	N2
1,2,4-Trimethylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	95-63-6	
1,3,5-Trimethylbenzene	<55.5	ug/kg	55.5	1		03/19/19 12:55	108-67-8	
Vinyl chloride	<55.5	ug/kg	55.5	1		03/19/19 12:55	75-01-4	
Xylene (Total)	<111	ug/kg	111	1		03/19/19 12:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%	85-118	1		03/19/19 12:55	1868-53-7	
Toluene-d8 (S)	101	%	71-128	1		03/19/19 12:55	2037-26-5	
4-Bromofluorobenzene (S)	100	%	56-144	1		03/19/19 12:55	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.5	%	0.10	1		03/18/19 10:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (14-15') Lab ID: 50218951046 Collected: 03/07/19 15:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5220	ug/kg	2900	25	03/14/19 09:25	03/18/19 21:54	7440-38-2	
Barium	72500	ug/kg	579	5	03/14/19 09:25	03/16/19 03:56	7440-39-3	
Cadmium	188	ug/kg	57.9	1	03/14/19 09:25	03/19/19 03:09	7440-43-9	
Chromium	25500	ug/kg	5790	25	03/14/19 09:25	03/18/19 21:54	7440-47-3	
Copper	14500	ug/kg	290	5	03/14/19 09:25	03/16/19 03:56	7440-50-8	
Lead	8910	ug/kg	116	1	03/14/19 09:25	03/19/19 03:09	7439-92-1	N2
Selenium	<2900	ug/kg	2900	25	03/14/19 09:25	03/18/19 21:54	7782-49-2	D3
Silver	<57.9	ug/kg	57.9	1	03/14/19 09:25	03/19/19 03:09	7440-22-4	
Zinc	39200	ug/kg	2900	5	03/14/19 09:25	03/16/19 03:56	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<228	ug/kg	228	1	03/19/19 10:26	03/19/19 21:10	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	83-32-9	
Acenaphthylene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	208-96-8	
Aniline	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	62-53-3	
Anthracene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	120-12-7	
Atrazine	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	1912-24-9	N2
Azobenzene	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	103-33-3	N2
Benidine	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	92-87-5	
Benzo(a)anthracene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	56-55-3	
Benzo(a)pyrene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	50-32-8	
Benzo(b)fluoranthene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	205-99-2	
Benzo(g,h,i)perylene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	191-24-2	
Benzo(k)fluoranthene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	207-08-9	
Benzoic acid	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	65-85-0	
Benzyl alcohol	<789	ug/kg	789	1	03/18/19 12:40	03/20/19 11:06	100-51-6	
4-Bromophenylphenyl ether	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	101-55-3	
Butylbenzylphthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	85-68-7	
Caprolactam	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	105-60-2	N2
Carbazole	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	86-74-8	
4-Chloro-3-methylphenol	<789	ug/kg	789	1	03/18/19 12:40	03/20/19 11:06	59-50-7	
bis(2-Chloroethoxy)methane	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	111-91-1	
bis(2-Chloroethyl) ether	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	111-44-4	
bis(2-Chloroisopropyl) ether	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	108-60-1	
2-Chloronaphthalene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	91-58-7	
2-Chlorophenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	95-57-8	
4-Chlorophenylphenyl ether	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	7005-72-3	
Chrysene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	218-01-9	
Dibenz(a,h)anthracene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	53-70-3	
Dibenzofuran	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	132-64-9	
3,3'-Dichlorobenzidine	<789	ug/kg	789	1	03/18/19 12:40	03/20/19 11:06	91-94-1	
2,4-Dichlorophenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	120-83-2	
Diethylphthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (14-15') **Lab ID:** 50218951046 **Collected:** 03/07/19 15:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	105-67-9	
Dimethylphthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	131-11-3	
Di-n-butylphthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	84-74-2	
4,6-Dinitro-2-methylphenol	<789	ug/kg	789	1	03/18/19 12:40	03/20/19 11:06	534-52-1	
2,4-Dinitrophenol	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	51-28-5	
2,4-Dinitrotoluene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	121-14-2	
2,6-Dinitrotoluene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	606-20-2	
Di-n-octylphthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	117-84-0	
bis(2-Ethylhexyl)phthalate	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	117-81-7	
Fluoranthene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	206-44-0	
Fluorene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	86-73-7	
Hexachlorobenzene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	118-74-1	
Hexachlorocyclopentadiene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	77-47-4	
Hexachloroethane	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	67-72-1	
Indeno(1,2,3-cd)pyrene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	193-39-5	
Isophorone	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	78-59-1	
2-Methylnaphthalene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	91-57-6	
2-Methylphenol(o-Cresol)	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	<789	ug/kg	789	1	03/18/19 12:40	03/20/19 11:06		
2-Nitroaniline	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	88-74-4	
3-Nitroaniline	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	99-09-2	
4-Nitroaniline	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	100-01-6	
Nitrobenzene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	98-95-3	
2-Nitrophenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	88-75-5	
4-Nitrophenol	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	100-02-7	
N-Nitrosodimethylamine	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	62-75-9	
N-Nitroso-di-n-propylamine	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	621-64-7	
N-Nitrosodiphenylamine	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	86-30-6	
Pentachlorophenol	<1910	ug/kg	1910	1	03/18/19 12:40	03/20/19 11:06	87-86-5	
Phenanthrene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	85-01-8	
Phenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	108-95-2	
Pyrene	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	129-00-0	
Pyridine	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	110-86-1	
2,4,5-Trichlorophenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	95-95-4	
2,4,6-Trichlorophenol	<395	ug/kg	395	1	03/18/19 12:40	03/20/19 11:06	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	18-98	1	03/18/19 12:40	03/20/19 11:06	4165-60-0	
Phenol-d5 (S)	77	%	18-108	1	03/18/19 12:40	03/20/19 11:06	4165-62-2	
2-Fluorophenol (S)	77	%	16-104	1	03/18/19 12:40	03/20/19 11:06	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-114	1	03/18/19 12:40	03/20/19 11:06	118-79-6	
2-Fluorobiphenyl (S)	65	%	21-96	1	03/18/19 12:40	03/20/19 11:06	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-124	1	03/18/19 12:40	03/20/19 11:06	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<982	ug/kg	982	1		03/19/19 13:27	67-64-1
Acrylonitrile	<982	ug/kg	982	1		03/19/19 13:27	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (14-15') Lab ID: 50218951046 Collected: 03/07/19 15:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	71-43-2	
Bromobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	108-86-1	
Bromochloromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	74-97-5	
Bromodichloromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-27-4	
Bromoform	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-25-2	
Bromomethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	74-83-9	
2-Butanone (MEK)	<245	ug/kg	245	1		03/19/19 13:27	78-93-3	
tert-Butyl Alcohol	<491	ug/kg	491	1		03/19/19 13:27	75-65-0	
n-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	104-51-8	
sec-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	135-98-8	
tert-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	98-06-6	
Carbon disulfide	<98.2	ug/kg	98.2	1		03/19/19 13:27	75-15-0	
Carbon tetrachloride	<49.1	ug/kg	49.1	1		03/19/19 13:27	56-23-5	
Chlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	108-90-7	
Chloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-00-3	
Chloroform	<49.1	ug/kg	49.1	1		03/19/19 13:27	67-66-3	
Chloromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	74-87-3	
2-Chlorotoluene	<49.1	ug/kg	49.1	1		03/19/19 13:27	95-49-8	
1,2-Dibromo-3-chloropropane	<98.2	ug/kg	98.2	1		03/19/19 13:27	96-12-8	
Dibromochloromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	124-48-1	
1,2-Dibromoethane (EDB)	<49.1	ug/kg	49.1	1		03/19/19 13:27	106-93-4	
Dibromomethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	74-95-3	
1,2-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	95-50-1	
1,3-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	541-73-1	
1,4-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	106-46-7	
trans-1,4-Dichloro-2-butene	<982	ug/kg	982	1		03/19/19 13:27	110-57-6	
Dichlorodifluoromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-71-8	
1,1-Dichloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-34-3	
1,2-Dichloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	107-06-2	
1,1-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-35-4	
cis-1,2-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 13:27	156-59-2	
trans-1,2-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 13:27	156-60-5	
1,2-Dichloropropane	<49.1	ug/kg	49.1	1		03/19/19 13:27	78-87-5	
cis-1,3-Dichloropropene	<49.1	ug/kg	49.1	1		03/19/19 13:27	10061-01-5	
trans-1,3-Dichloropropene	<49.1	ug/kg	49.1	1		03/19/19 13:27	10061-02-6	
Diethyl ether (Ethyl ether)	<49.1	ug/kg	49.1	1		03/19/19 13:27	60-29-7	
Ethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	100-41-4	
2-Hexanone	<982	ug/kg	982	1		03/19/19 13:27	591-78-6	
Iodomethane	<982	ug/kg	982	1		03/19/19 13:27	74-88-4	
Isopropylbenzene (Cumene)	<49.1	ug/kg	49.1	1		03/19/19 13:27	98-82-8	
p-Isopropyltoluene	<49.1	ug/kg	49.1	1		03/19/19 13:27	99-87-6	
Methylene Chloride	<196	ug/kg	196	1		03/19/19 13:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	<245	ug/kg	245	1		03/19/19 13:27	108-10-1	
Methyl-tert-butyl ether	<49.1	ug/kg	49.1	1		03/19/19 13:27	1634-04-4	L1
Naphthalene	<49.1	ug/kg	49.1	1		03/19/19 13:27	91-20-3	
n-Propylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-23 (14-15') Lab ID: 50218951046 Collected: 03/07/19 15:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<49.1	ug/kg	49.1	1		03/19/19 13:27	100-42-5	
1,1,1,2-Tetrachloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	630-20-6	
1,1,2,2-Tetrachloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	79-34-5	
Tetrachloroethene	<49.1	ug/kg	49.1	1		03/19/19 13:27	127-18-4	
Tetrahydrofuran	<982	ug/kg	982	1		03/19/19 13:27	109-99-9	
Toluene	<49.1	ug/kg	49.1	1		03/19/19 13:27	108-88-3	
1,2,3-Trichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	87-61-6	
1,2,4-Trichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	120-82-1	
1,1,1-Trichloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	71-55-6	
1,1,2-Trichloroethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	79-00-5	
Trichloroethene	<49.1	ug/kg	49.1	1		03/19/19 13:27	79-01-6	
Trichlorofluoromethane	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-69-4	
1,2,3-Trichloropropane	<49.1	ug/kg	49.1	1		03/19/19 13:27	96-18-4	
1,2,3-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	526-73-8	N2
1,2,4-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	95-63-6	
1,3,5-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 13:27	108-67-8	
Vinyl chloride	<49.1	ug/kg	49.1	1		03/19/19 13:27	75-01-4	
Xylene (Total)	<98.2	ug/kg	98.2	1		03/19/19 13:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/19/19 13:27	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 13:27	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 13:27	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.5	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (0-1') **Lab ID:** 50218951047 **Collected:** 03/07/19 15:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	9220	ug/kg	2780	25	03/14/19 09:25	03/18/19 23:27	7440-38-2	
Barium	83400	ug/kg	557	5	03/14/19 09:25	03/16/19 03:59	7440-39-3	
Cadmium	3370	ug/kg	55.7	1	03/14/19 09:25	03/19/19 03:13	7440-43-9	
Chromium	17000	ug/kg	5570	25	03/14/19 09:25	03/18/19 23:27	7440-47-3	
Copper	245000	ug/kg	1390	25	03/14/19 09:25	03/18/19 23:27	7440-50-8	
Lead	284000	ug/kg	2780	25	03/14/19 09:25	03/18/19 23:27	7439-92-1	N2
Selenium	<2780	ug/kg	2780	25	03/14/19 09:25	03/18/19 23:27	7782-49-2	D3
Silver	82.3	ug/kg	55.7	1	03/14/19 09:25	03/19/19 03:13	7440-22-4	
Zinc	491000	ug/kg	13900	25	03/14/19 09:25	03/18/19 23:27	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<229	ug/kg	229	1	03/19/19 10:26	03/19/19 21:12	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	83-32-9	
Acenaphthylene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	208-96-8	
Aniline	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	62-53-3	
Anthracene	772	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	120-12-7	
Atrazine	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	1912-24-9	N2
Azobenzene	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	103-33-3	N2
Benidone	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	92-87-5	
Benzo(a)anthracene	2010	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	56-55-3	
Benzo(a)pyrene	1300	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	50-32-8	
Benzo(b)fluoranthene	1840	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	205-99-2	
Benzo(g,h,i)perylene	913	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	191-24-2	
Benzo(k)fluoranthene	635	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	207-08-9	
Benzoic acid	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	65-85-0	
Benzyl alcohol	<753	ug/kg	753	1	03/18/19 12:40	03/20/19 11:22	100-51-6	
4-Bromophenylphenyl ether	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	101-55-3	
Butylbenzylphthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	85-68-7	
Caprolactam	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	105-60-2	N2
Carbazole	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	86-74-8	
4-Chloro-3-methylphenol	<753	ug/kg	753	1	03/18/19 12:40	03/20/19 11:22	59-50-7	
bis(2-Chloroethoxy)methane	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	111-91-1	
bis(2-Chloroethyl) ether	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	111-44-4	
bis(2-Chloroisopropyl) ether	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	108-60-1	
2-Chloronaphthalene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	91-58-7	
2-Chlorophenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	95-57-8	
4-Chlorophenylphenyl ether	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	7005-72-3	
Chrysene	1680	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	218-01-9	
Dibenz(a,h)anthracene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	53-70-3	
Dibenzofuran	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	132-64-9	
3,3'-Dichlorobenzidine	<753	ug/kg	753	1	03/18/19 12:40	03/20/19 11:22	91-94-1	
2,4-Dichlorophenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	120-83-2	
Diethylphthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (0-1') **Lab ID:** 50218951047 **Collected:** 03/07/19 15:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	105-67-9	
Dimethylphthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	131-11-3	
Di-n-butylphthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	84-74-2	
4,6-Dinitro-2-methylphenol	<753	ug/kg	753	1	03/18/19 12:40	03/20/19 11:22	534-52-1	
2,4-Dinitrophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	51-28-5	
2,4-Dinitrotoluene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	121-14-2	
2,6-Dinitrotoluene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	606-20-2	
Di-n-octylphthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	117-84-0	
bis(2-Ethylhexyl)phthalate	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	117-81-7	
Fluoranthene	4100	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	206-44-0	
Fluorene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	86-73-7	
Hexachlorobenzene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	118-74-1	
Hexachlorocyclopentadiene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	77-47-4	
Hexachloroethane	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	67-72-1	
Indeno(1,2,3-cd)pyrene	762	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	193-39-5	
Isophorone	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	78-59-1	
2-Methylnaphthalene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	91-57-6	
2-Methylphenol(o-Cresol)	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	<753	ug/kg	753	1	03/18/19 12:40	03/20/19 11:22		
2-Nitroaniline	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	88-74-4	
3-Nitroaniline	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	99-09-2	
4-Nitroaniline	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	100-01-6	
Nitrobenzene	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	98-95-3	
2-Nitrophenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	88-75-5	
4-Nitrophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	100-02-7	
N-Nitrosodimethylamine	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	62-75-9	
N-Nitroso-di-n-propylamine	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	621-64-7	
N-Nitrosodiphenylamine	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	86-30-6	
Pentachlorophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 11:22	87-86-5	
Phenanthrene	3220	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	85-01-8	
Phenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	108-95-2	
Pyrene	3800	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	129-00-0	
Pyridine	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	110-86-1	
2,4,5-Trichlorophenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	95-95-4	
2,4,6-Trichlorophenol	<376	ug/kg	376	1	03/18/19 12:40	03/20/19 11:22	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	18-98	1	03/18/19 12:40	03/20/19 11:22	4165-60-0	
Phenol-d5 (S)	79	%.	18-108	1	03/18/19 12:40	03/20/19 11:22	4165-62-2	
2-Fluorophenol (S)	78	%.	16-104	1	03/18/19 12:40	03/20/19 11:22	367-12-4	
2,4,6-Tribromophenol (S)	74	%.	10-114	1	03/18/19 12:40	03/20/19 11:22	118-79-6	
2-Fluorobiphenyl (S)	70	%.	21-96	1	03/18/19 12:40	03/20/19 11:22	321-60-8	
p-Terphenyl-d14 (S)	107	%.	29-124	1	03/18/19 12:40	03/20/19 11:22	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1440	ug/kg	1440	1		03/19/19 14:00	67-64-1
Acrylonitrile	<1440	ug/kg	1440	1		03/19/19 14:00	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (0-1') Lab ID: 50218951047 Collected: 03/07/19 15:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	71-43-2	
Bromobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	108-86-1	
Bromochloromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	74-97-5	
Bromodichloromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-27-4	
Bromoform	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-25-2	
Bromomethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	74-83-9	
2-Butanone (MEK)	<361	ug/kg	361	1		03/19/19 14:00	78-93-3	
tert-Butyl Alcohol	<721	ug/kg	721	1		03/19/19 14:00	75-65-0	
n-Butylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	104-51-8	
sec-Butylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	135-98-8	
tert-Butylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	98-06-6	
Carbon disulfide	<144	ug/kg	144	1		03/19/19 14:00	75-15-0	
Carbon tetrachloride	<72.1	ug/kg	72.1	1		03/19/19 14:00	56-23-5	
Chlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	108-90-7	
Chloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-00-3	
Chloroform	<72.1	ug/kg	72.1	1		03/19/19 14:00	67-66-3	
Chloromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	74-87-3	
2-Chlorotoluene	<72.1	ug/kg	72.1	1		03/19/19 14:00	95-49-8	
1,2-Dibromo-3-chloropropane	<144	ug/kg	144	1		03/19/19 14:00	96-12-8	
Dibromochloromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	124-48-1	
1,2-Dibromoethane (EDB)	<72.1	ug/kg	72.1	1		03/19/19 14:00	106-93-4	
Dibromomethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	74-95-3	
1,2-Dichlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	95-50-1	
1,3-Dichlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	541-73-1	
1,4-Dichlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	106-46-7	
trans-1,4-Dichloro-2-butene	<1440	ug/kg	1440	1		03/19/19 14:00	110-57-6	
Dichlorodifluoromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-71-8	
1,1-Dichloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-34-3	
1,2-Dichloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	107-06-2	
1,1-Dichloroethene	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-35-4	
cis-1,2-Dichloroethene	<72.1	ug/kg	72.1	1		03/19/19 14:00	156-59-2	
trans-1,2-Dichloroethene	<72.1	ug/kg	72.1	1		03/19/19 14:00	156-60-5	
1,2-Dichloropropane	<72.1	ug/kg	72.1	1		03/19/19 14:00	78-87-5	
cis-1,3-Dichloropropene	<72.1	ug/kg	72.1	1		03/19/19 14:00	10061-01-5	
trans-1,3-Dichloropropene	<72.1	ug/kg	72.1	1		03/19/19 14:00	10061-02-6	
Diethyl ether (Ethyl ether)	<72.1	ug/kg	72.1	1		03/19/19 14:00	60-29-7	
Ethylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	100-41-4	
2-Hexanone	<1440	ug/kg	1440	1		03/19/19 14:00	591-78-6	
Iodomethane	<1440	ug/kg	1440	1		03/19/19 14:00	74-88-4	
Isopropylbenzene (Cumene)	<72.1	ug/kg	72.1	1		03/19/19 14:00	98-82-8	
p-Isopropyltoluene	<72.1	ug/kg	72.1	1		03/19/19 14:00	99-87-6	
Methylene Chloride	<289	ug/kg	289	1		03/19/19 14:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<361	ug/kg	361	1		03/19/19 14:00	108-10-1	
Methyl-tert-butyl ether	<72.1	ug/kg	72.1	1		03/19/19 14:00	1634-04-4	L1
Naphthalene	<72.1	ug/kg	72.1	1		03/19/19 14:00	91-20-3	
n-Propylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (0-1') Lab ID: 50218951047 Collected: 03/07/19 15:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<72.1	ug/kg	72.1	1		03/19/19 14:00	100-42-5	
1,1,1,2-Tetrachloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	630-20-6	
1,1,2,2-Tetrachloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	79-34-5	
Tetrachloroethene	<72.1	ug/kg	72.1	1		03/19/19 14:00	127-18-4	
Tetrahydrofuran	<1440	ug/kg	1440	1		03/19/19 14:00	109-99-9	
Toluene	<72.1	ug/kg	72.1	1		03/19/19 14:00	108-88-3	
1,2,3-Trichlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	87-61-6	
1,2,4-Trichlorobenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	120-82-1	
1,1,1-Trichloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	71-55-6	
1,1,2-Trichloroethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	79-00-5	
Trichloroethene	<72.1	ug/kg	72.1	1		03/19/19 14:00	79-01-6	
Trichlorofluoromethane	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-69-4	
1,2,3-Trichloropropane	<72.1	ug/kg	72.1	1		03/19/19 14:00	96-18-4	
1,2,3-Trimethylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	526-73-8	N2
1,2,4-Trimethylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	95-63-6	
1,3,5-Trimethylbenzene	<72.1	ug/kg	72.1	1		03/19/19 14:00	108-67-8	
Vinyl chloride	<72.1	ug/kg	72.1	1		03/19/19 14:00	75-01-4	
Xylene (Total)	<144	ug/kg	144	1		03/19/19 14:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 14:00	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 14:00	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 14:00	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	13.2	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (4-5') Lab ID: 50218951048 Collected: 03/07/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8050	ug/kg	2960	25	03/14/19 09:25	03/18/19 23:31	7440-38-2	
Barium	85300	ug/kg	592	5	03/14/19 09:25	03/16/19 04:03	7440-39-3	
Cadmium	440	ug/kg	59.2	1	03/14/19 09:25	03/19/19 03:16	7440-43-9	
Chromium	21100	ug/kg	5920	25	03/14/19 09:25	03/18/19 23:31	7440-47-3	
Copper	14300	ug/kg	1480	25	03/14/19 09:25	03/18/19 23:31	7440-50-8	
Lead	10800	ug/kg	118	1	03/14/19 09:25	03/19/19 03:16	7439-92-1	N2
Selenium	<2960	ug/kg	2960	25	03/14/19 09:25	03/18/19 23:31	7782-49-2	D3
Silver	<59.2	ug/kg	59.2	1	03/14/19 09:25	03/19/19 03:16	7440-22-4	
Zinc	45100	ug/kg	14800	25	03/14/19 09:25	03/18/19 23:31	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<235	ug/kg	235	1	03/19/19 10:26	03/19/19 21:14	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	83-32-9	
Acenaphthylene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	208-96-8	
Aniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	62-53-3	
Anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	120-12-7	
Atrazine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	92-87-5	
Benzo(a)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	56-55-3	
Benzo(a)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	50-32-8	
Benzo(b)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	205-99-2	
Benzo(g,h,i)perylene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	191-24-2	
Benzo(k)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	65-85-0	
Benzyl alcohol	<803	ug/kg	803	1	03/18/19 12:40	03/20/19 11:38	100-51-6	
4-Bromophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	101-55-3	
Butylbenzylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	85-68-7	
Caprolactam	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	105-60-2	N2
Carbazole	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	86-74-8	
4-Chloro-3-methylphenol	<803	ug/kg	803	1	03/18/19 12:40	03/20/19 11:38	59-50-7	
bis(2-Chloroethoxy)methane	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	111-91-1	
bis(2-Chloroethyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	111-44-4	
bis(2-Chloroisopropyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	108-60-1	
2-Chloronaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	91-58-7	
2-Chlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	95-57-8	
4-Chlorophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	7005-72-3	
Chrysene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	218-01-9	
Dibenz(a,h)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	53-70-3	
Dibenzofuran	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	132-64-9	
3,3'-Dichlorobenzidine	<803	ug/kg	803	1	03/18/19 12:40	03/20/19 11:38	91-94-1	
2,4-Dichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	120-83-2	
Diethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (4-5') Lab ID: 50218951048 Collected: 03/07/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	105-67-9	
Dimethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	131-11-3	
Di-n-butylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	84-74-2	
4,6-Dinitro-2-methylphenol	<803	ug/kg	803	1	03/18/19 12:40	03/20/19 11:38	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	51-28-5	
2,4-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	121-14-2	
2,6-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	606-20-2	
Di-n-octylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	117-84-0	
bis(2-Ethylhexyl)phthalate	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	117-81-7	
Fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	206-44-0	
Fluorene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	86-73-7	
Hexachlorobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	118-74-1	
Hexachlorocyclopentadiene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	77-47-4	
Hexachloroethane	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	67-72-1	
Indeno(1,2,3-cd)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	193-39-5	
Isophorone	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	78-59-1	
2-Methylnaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	91-57-6	
2-Methylphenol(o-Cresol)	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	<803	ug/kg	803	1	03/18/19 12:40	03/20/19 11:38		
2-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	88-74-4	
3-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	99-09-2	
4-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	100-01-6	
Nitrobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	98-95-3	
2-Nitrophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	100-02-7	
N-Nitrosodimethylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	62-75-9	
N-Nitroso-di-n-propylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	621-64-7	
N-Nitrosodiphenylamine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 11:38	87-86-5	
Phenanthrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	85-01-8	
Phenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	108-95-2	
Pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	129-00-0	
Pyridine	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	110-86-1	
2,4,5-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	95-95-4	
2,4,6-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/20/19 11:38	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%.	18-98	1	03/18/19 12:40	03/20/19 11:38	4165-60-0	
Phenol-d5 (S)	73	%.	18-108	1	03/18/19 12:40	03/20/19 11:38	4165-62-2	
2-Fluorophenol (S)	74	%.	16-104	1	03/18/19 12:40	03/20/19 11:38	367-12-4	
2,4,6-Tribromophenol (S)	74	%.	10-114	1	03/18/19 12:40	03/20/19 11:38	118-79-6	
2-Fluorobiphenyl (S)	64	%.	21-96	1	03/18/19 12:40	03/20/19 11:38	321-60-8	
p-Terphenyl-d14 (S)	92	%.	29-124	1	03/18/19 12:40	03/20/19 11:38	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1460	ug/kg	1460	1		03/19/19 14:32	67-64-1	
Acrylonitrile	<1460	ug/kg	1460	1		03/19/19 14:32	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (4-5') **Lab ID:** 50218951048 **Collected:** 03/07/19 15:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	71-43-2	
Bromobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	108-86-1	
Bromochloromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	74-97-5	
Bromodichloromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-27-4	
Bromoform	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-25-2	
Bromomethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	74-83-9	
2-Butanone (MEK)	<366	ug/kg	366	1		03/19/19 14:32	78-93-3	
tert-Butyl Alcohol	<732	ug/kg	732	1		03/19/19 14:32	75-65-0	
n-Butylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	104-51-8	
sec-Butylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	135-98-8	
tert-Butylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	98-06-6	
Carbon disulfide	<146	ug/kg	146	1		03/19/19 14:32	75-15-0	
Carbon tetrachloride	<73.2	ug/kg	73.2	1		03/19/19 14:32	56-23-5	
Chlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	108-90-7	
Chloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-00-3	
Chloroform	<73.2	ug/kg	73.2	1		03/19/19 14:32	67-66-3	
Chloromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	74-87-3	
2-Chlorotoluene	<73.2	ug/kg	73.2	1		03/19/19 14:32	95-49-8	
1,2-Dibromo-3-chloropropane	<146	ug/kg	146	1		03/19/19 14:32	96-12-8	
Dibromochloromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	124-48-1	
1,2-Dibromoethane (EDB)	<73.2	ug/kg	73.2	1		03/19/19 14:32	106-93-4	
Dibromomethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	74-95-3	
1,2-Dichlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	95-50-1	
1,3-Dichlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	541-73-1	
1,4-Dichlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	106-46-7	
trans-1,4-Dichloro-2-butene	<1460	ug/kg	1460	1		03/19/19 14:32	110-57-6	
Dichlorodifluoromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-71-8	
1,1-Dichloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-34-3	
1,2-Dichloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	107-06-2	
1,1-Dichloroethene	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-35-4	
cis-1,2-Dichloroethene	<73.2	ug/kg	73.2	1		03/19/19 14:32	156-59-2	
trans-1,2-Dichloroethene	<73.2	ug/kg	73.2	1		03/19/19 14:32	156-60-5	
1,2-Dichloropropane	<73.2	ug/kg	73.2	1		03/19/19 14:32	78-87-5	
cis-1,3-Dichloropropene	<73.2	ug/kg	73.2	1		03/19/19 14:32	10061-01-5	
trans-1,3-Dichloropropene	<73.2	ug/kg	73.2	1		03/19/19 14:32	10061-02-6	
Diethyl ether (Ethyl ether)	<73.2	ug/kg	73.2	1		03/19/19 14:32	60-29-7	
Ethylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	100-41-4	
2-Hexanone	<1460	ug/kg	1460	1		03/19/19 14:32	591-78-6	
Iodomethane	<1460	ug/kg	1460	1		03/19/19 14:32	74-88-4	
Isopropylbenzene (Cumene)	<73.2	ug/kg	73.2	1		03/19/19 14:32	98-82-8	
p-Isopropyltoluene	<73.2	ug/kg	73.2	1		03/19/19 14:32	99-87-6	
Methylene Chloride	<293	ug/kg	293	1		03/19/19 14:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	<366	ug/kg	366	1		03/19/19 14:32	108-10-1	
Methyl-tert-butyl ether	<73.2	ug/kg	73.2	1		03/19/19 14:32	1634-04-4	L1
Naphthalene	<73.2	ug/kg	73.2	1		03/19/19 14:32	91-20-3	
n-Propylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-24 (4-5') Lab ID: 50218951048 Collected: 03/07/19 15:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<73.2	ug/kg	73.2	1		03/19/19 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	79-34-5	
Tetrachloroethene	<73.2	ug/kg	73.2	1		03/19/19 14:32	127-18-4	
Tetrahydrofuran	<1460	ug/kg	1460	1		03/19/19 14:32	109-99-9	
Toluene	<73.2	ug/kg	73.2	1		03/19/19 14:32	108-88-3	
1,2,3-Trichlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	87-61-6	
1,2,4-Trichlorobenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	120-82-1	
1,1,1-Trichloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	71-55-6	
1,1,2-Trichloroethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	79-00-5	
Trichloroethene	<73.2	ug/kg	73.2	1		03/19/19 14:32	79-01-6	
Trichlorofluoromethane	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-69-4	
1,2,3-Trichloropropane	<73.2	ug/kg	73.2	1		03/19/19 14:32	96-18-4	
1,2,3-Trimethylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	526-73-8	N2
1,2,4-Trimethylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	95-63-6	
1,3,5-Trimethylbenzene	<73.2	ug/kg	73.2	1		03/19/19 14:32	108-67-8	
Vinyl chloride	<73.2	ug/kg	73.2	1		03/19/19 14:32	75-01-4	
Xylene (Total)	<146	ug/kg	146	1		03/19/19 14:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 14:32	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 14:32	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 14:32	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.6	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (0-1') **Lab ID: 50218951049** Collected: 03/07/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3510	ug/kg	2940	25	03/14/19 09:25	03/18/19 22:13	7440-38-2	
Barium	18900	ug/kg	118	1	03/14/19 09:25	03/19/19 03:28	7440-39-3	
Cadmium	182	ug/kg	58.9	1	03/14/19 09:25	03/19/19 03:28	7440-43-9	
Chromium	8690	ug/kg	235	1	03/14/19 09:25	03/19/19 03:28	7440-47-3	
Copper	4310	ug/kg	58.9	1	03/14/19 09:25	03/19/19 03:28	7440-50-8	
Lead	5010	ug/kg	118	1	03/14/19 09:25	03/19/19 03:28	7439-92-1	N2
Selenium	<2940	ug/kg	2940	25	03/14/19 09:25	03/18/19 22:13	7782-49-2	D3
Silver	<58.9	ug/kg	58.9	1	03/14/19 09:25	03/19/19 03:28	7440-22-4	
Zinc	12400	ug/kg	589	1	03/14/19 09:25	03/19/19 03:28	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<232	ug/kg	232	1	03/19/19 10:26	03/19/19 21:16	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	83-32-9	
Acenaphthylene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	208-96-8	
Aniline	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	62-53-3	
Anthracene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	120-12-7	
Atrazine	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	1912-24-9	N2
Azobenzene	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	103-33-3	N2
Benidine	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	92-87-5	
Benzo(a)anthracene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	56-55-3	
Benzo(a)pyrene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	50-32-8	
Benzo(b)fluoranthene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	205-99-2	
Benzo(g,h,i)perylene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	191-24-2	
Benzo(k)fluoranthene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	207-08-9	
Benzoic acid	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	65-85-0	
Benzyl alcohol	<808	ug/kg	808	1	03/18/19 12:40	03/20/19 11:54	100-51-6	
4-Bromophenylphenyl ether	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	101-55-3	
Butylbenzylphthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	85-68-7	
Caprolactam	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	105-60-2	N2
Carbazole	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	86-74-8	
4-Chloro-3-methylphenol	<808	ug/kg	808	1	03/18/19 12:40	03/20/19 11:54	59-50-7	
bis(2-Chloroethoxy)methane	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	111-91-1	
bis(2-Chloroethyl) ether	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	111-44-4	
bis(2-Chloroisopropyl) ether	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	108-60-1	
2-Chloronaphthalene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	91-58-7	
2-Chlorophenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	95-57-8	
4-Chlorophenylphenyl ether	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	7005-72-3	
Chrysene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	218-01-9	
Dibenz(a,h)anthracene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	53-70-3	
Dibenzofuran	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	132-64-9	
3,3'-Dichlorobenzidine	<808	ug/kg	808	1	03/18/19 12:40	03/20/19 11:54	91-94-1	
2,4-Dichlorophenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	120-83-2	
Diethylphthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (0-1') **Lab ID:** 50218951049 **Collected:** 03/07/19 15:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	105-67-9	
Dimethylphthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	131-11-3	
Di-n-butylphthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	84-74-2	
4,6-Dinitro-2-methylphenol	<808	ug/kg	808	1	03/18/19 12:40	03/20/19 11:54	534-52-1	
2,4-Dinitrophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	51-28-5	
2,4-Dinitrotoluene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	121-14-2	
2,6-Dinitrotoluene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	606-20-2	
Di-n-octylphthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	117-84-0	
bis(2-Ethylhexyl)phthalate	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	117-81-7	
Fluoranthene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	206-44-0	
Fluorene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	86-73-7	
Hexachlorobenzene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	118-74-1	
Hexachlorocyclopentadiene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	77-47-4	
Hexachloroethane	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	67-72-1	
Indeno(1,2,3-cd)pyrene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	193-39-5	
Isophorone	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	78-59-1	
2-Methylnaphthalene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	91-57-6	
2-Methylphenol(o-Cresol)	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	<808	ug/kg	808	1	03/18/19 12:40	03/20/19 11:54		
2-Nitroaniline	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	88-74-4	
3-Nitroaniline	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	99-09-2	
4-Nitroaniline	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	100-01-6	
Nitrobenzene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	98-95-3	
2-Nitrophenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	88-75-5	
4-Nitrophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	100-02-7	
N-Nitrosodimethylamine	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	62-75-9	
N-Nitroso-di-n-propylamine	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	621-64-7	
N-Nitrosodiphenylamine	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	86-30-6	
Pentachlorophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 11:54	87-86-5	
Phenanthrene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	85-01-8	
Phenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	108-95-2	
Pyrene	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	129-00-0	
Pyridine	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	110-86-1	
2,4,5-Trichlorophenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	95-95-4	
2,4,6-Trichlorophenol	<404	ug/kg	404	1	03/18/19 12:40	03/20/19 11:54	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%.	18-98	1	03/18/19 12:40	03/20/19 11:54	4165-60-0	
Phenol-d5 (S)	69	%.	18-108	1	03/18/19 12:40	03/20/19 11:54	4165-62-2	
2-Fluorophenol (S)	69	%.	16-104	1	03/18/19 12:40	03/20/19 11:54	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	10-114	1	03/18/19 12:40	03/20/19 11:54	118-79-6	
2-Fluorobiphenyl (S)	58	%.	21-96	1	03/18/19 12:40	03/20/19 11:54	321-60-8	
p-Terphenyl-d14 (S)	62	%.	29-124	1	03/18/19 12:40	03/20/19 11:54	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1180	ug/kg	1180	1	03/19/19 15:05	67-64-1
Acrylonitrile	<1180	ug/kg	1180	1	03/19/19 15:05	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (0-1') Lab ID: 50218951049 Collected: 03/07/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	71-43-2	
Bromobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	108-86-1	
Bromochloromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	74-97-5	
Bromodichloromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-27-4	
Bromoform	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-25-2	
Bromomethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	74-83-9	
2-Butanone (MEK)	<295	ug/kg	295	1		03/19/19 15:05	78-93-3	
tert-Butyl Alcohol	<590	ug/kg	590	1		03/19/19 15:05	75-65-0	
n-Butylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	104-51-8	
sec-Butylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	135-98-8	
tert-Butylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	98-06-6	
Carbon disulfide	<118	ug/kg	118	1		03/19/19 15:05	75-15-0	
Carbon tetrachloride	<59.0	ug/kg	59.0	1		03/19/19 15:05	56-23-5	
Chlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	108-90-7	
Chloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-00-3	
Chloroform	<59.0	ug/kg	59.0	1		03/19/19 15:05	67-66-3	
Chloromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	74-87-3	
2-Chlorotoluene	<59.0	ug/kg	59.0	1		03/19/19 15:05	95-49-8	
1,2-Dibromo-3-chloropropane	<118	ug/kg	118	1		03/19/19 15:05	96-12-8	
Dibromochloromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	124-48-1	
1,2-Dibromoethane (EDB)	<59.0	ug/kg	59.0	1		03/19/19 15:05	106-93-4	
Dibromomethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	74-95-3	
1,2-Dichlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	95-50-1	
1,3-Dichlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	541-73-1	
1,4-Dichlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	106-46-7	
trans-1,4-Dichloro-2-butene	<1180	ug/kg	1180	1		03/19/19 15:05	110-57-6	
Dichlorodifluoromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-71-8	
1,1-Dichloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-34-3	
1,2-Dichloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	107-06-2	
1,1-Dichloroethene	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-35-4	
cis-1,2-Dichloroethene	<59.0	ug/kg	59.0	1		03/19/19 15:05	156-59-2	
trans-1,2-Dichloroethene	<59.0	ug/kg	59.0	1		03/19/19 15:05	156-60-5	
1,2-Dichloropropane	<59.0	ug/kg	59.0	1		03/19/19 15:05	78-87-5	
cis-1,3-Dichloropropene	<59.0	ug/kg	59.0	1		03/19/19 15:05	10061-01-5	
trans-1,3-Dichloropropene	<59.0	ug/kg	59.0	1		03/19/19 15:05	10061-02-6	
Diethyl ether (Ethyl ether)	<59.0	ug/kg	59.0	1		03/19/19 15:05	60-29-7	
Ethylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	100-41-4	
2-Hexanone	<1180	ug/kg	1180	1		03/19/19 15:05	591-78-6	
Iodomethane	<1180	ug/kg	1180	1		03/19/19 15:05	74-88-4	
Isopropylbenzene (Cumene)	<59.0	ug/kg	59.0	1		03/19/19 15:05	98-82-8	
p-Isopropyltoluene	<59.0	ug/kg	59.0	1		03/19/19 15:05	99-87-6	
Methylene Chloride	<236	ug/kg	236	1		03/19/19 15:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	<295	ug/kg	295	1		03/19/19 15:05	108-10-1	
Methyl-tert-butyl ether	<59.0	ug/kg	59.0	1		03/19/19 15:05	1634-04-4	L1
Naphthalene	<59.0	ug/kg	59.0	1		03/19/19 15:05	91-20-3	
n-Propylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (0-1') Lab ID: 50218951049 Collected: 03/07/19 15:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<59.0	ug/kg	59.0	1		03/19/19 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	79-34-5	
Tetrachloroethene	<59.0	ug/kg	59.0	1		03/19/19 15:05	127-18-4	
Tetrahydrofuran	<1180	ug/kg	1180	1		03/19/19 15:05	109-99-9	
Toluene	<59.0	ug/kg	59.0	1		03/19/19 15:05	108-88-3	
1,2,3-Trichlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	87-61-6	
1,2,4-Trichlorobenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	120-82-1	
1,1,1-Trichloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	71-55-6	
1,1,2-Trichloroethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	79-00-5	
Trichloroethene	<59.0	ug/kg	59.0	1		03/19/19 15:05	79-01-6	
Trichlorofluoromethane	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-69-4	
1,2,3-Trichloropropane	<59.0	ug/kg	59.0	1		03/19/19 15:05	96-18-4	
1,2,3-Trimethylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	526-73-8	N2
1,2,4-Trimethylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	95-63-6	
1,3,5-Trimethylbenzene	<59.0	ug/kg	59.0	1		03/19/19 15:05	108-67-8	
Vinyl chloride	<59.0	ug/kg	59.0	1		03/19/19 15:05	75-01-4	
Xylene (Total)	<118	ug/kg	118	1		03/19/19 15:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		03/19/19 15:05	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 15:05	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 15:05	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.8	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (2-3') **Lab ID:** 50218951050 **Collected:** 03/07/19 15:40 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6940	ug/kg	2850	25	03/14/19 09:25	03/18/19 23:34	7440-38-2	
Barium	92900	ug/kg	570	5	03/14/19 09:25	03/16/19 04:18	7440-39-3	
Cadmium	203	ug/kg	57.0	1	03/14/19 09:25	03/19/19 03:31	7440-43-9	
Chromium	27800	ug/kg	5700	25	03/14/19 09:25	03/18/19 23:34	7440-47-3	
Copper	21600	ug/kg	1420	25	03/14/19 09:25	03/18/19 23:34	7440-50-8	
Lead	10500	ug/kg	114	1	03/14/19 09:25	03/19/19 03:31	7439-92-1	N2
Selenium	<2850	ug/kg	2850	25	03/14/19 09:25	03/18/19 23:34	7782-49-2	D3
Silver	<57.0	ug/kg	57.0	1	03/14/19 09:25	03/19/19 03:31	7440-22-4	
Zinc	59500	ug/kg	14200	25	03/14/19 09:25	03/18/19 23:34	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<246	ug/kg	246	1	03/19/19 10:26	03/19/19 21:19	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	83-32-9	
Acenaphthylene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	208-96-8	
Aniline	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	62-53-3	
Anthracene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	120-12-7	
Atrazine	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	1912-24-9	N2
Azobenzene	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	103-33-3	N2
Benidine	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	92-87-5	
Benzo(a)anthracene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	56-55-3	
Benzo(a)pyrene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	50-32-8	
Benzo(b)fluoranthene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	205-99-2	
Benzo(g,h,i)perylene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	191-24-2	
Benzo(k)fluoranthene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	207-08-9	
Benzoic acid	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	65-85-0	
Benzyl alcohol	<814	ug/kg	814	1	03/18/19 12:40	03/20/19 12:10	100-51-6	
4-Bromophenylphenyl ether	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	101-55-3	
Butylbenzylphthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	85-68-7	
Caprolactam	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	105-60-2	N2
Carbazole	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	86-74-8	
4-Chloro-3-methylphenol	<814	ug/kg	814	1	03/18/19 12:40	03/20/19 12:10	59-50-7	
bis(2-Chloroethoxy)methane	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	111-91-1	
bis(2-Chloroethyl) ether	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	111-44-4	
bis(2-Chloroisopropyl) ether	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	108-60-1	
2-Chloronaphthalene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	91-58-7	
2-Chlorophenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	95-57-8	
4-Chlorophenylphenyl ether	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	7005-72-3	
Chrysene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	218-01-9	
Dibenz(a,h)anthracene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	53-70-3	
Dibenzofuran	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	132-64-9	
3,3'-Dichlorobenzidine	<814	ug/kg	814	1	03/18/19 12:40	03/20/19 12:10	91-94-1	
2,4-Dichlorophenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	120-83-2	
Diethylphthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (2-3') **Lab ID:** 50218951050 **Collected:** 03/07/19 15:40 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	105-67-9	
Dimethylphthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	131-11-3	
Di-n-butylphthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	84-74-2	
4,6-Dinitro-2-methylphenol	<814	ug/kg	814	1	03/18/19 12:40	03/20/19 12:10	534-52-1	
2,4-Dinitrophenol	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	51-28-5	
2,4-Dinitrotoluene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	121-14-2	
2,6-Dinitrotoluene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	606-20-2	
Di-n-octylphthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	117-84-0	
bis(2-Ethylhexyl)phthalate	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	117-81-7	
Fluoranthene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	206-44-0	
Fluorene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	86-73-7	
Hexachlorobenzene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	118-74-1	
Hexachlorocyclopentadiene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	77-47-4	
Hexachloroethane	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	67-72-1	
Indeno(1,2,3-cd)pyrene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	193-39-5	
Isophorone	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	78-59-1	
2-Methylnaphthalene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	91-57-6	
2-Methylphenol(o-Cresol)	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	<814	ug/kg	814	1	03/18/19 12:40	03/20/19 12:10		
2-Nitroaniline	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	88-74-4	
3-Nitroaniline	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	99-09-2	
4-Nitroaniline	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	100-01-6	
Nitrobenzene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	98-95-3	
2-Nitrophenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	88-75-5	
4-Nitrophenol	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	100-02-7	
N-Nitrosodimethylamine	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	62-75-9	
N-Nitroso-di-n-propylamine	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	621-64-7	
N-Nitrosodiphenylamine	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	86-30-6	
Pentachlorophenol	<1970	ug/kg	1970	1	03/18/19 12:40	03/20/19 12:10	87-86-5	
Phenanthrene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	85-01-8	
Phenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	108-95-2	
Pyrene	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	129-00-0	
Pyridine	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	110-86-1	
2,4,5-Trichlorophenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	95-95-4	
2,4,6-Trichlorophenol	<407	ug/kg	407	1	03/18/19 12:40	03/20/19 12:10	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	18-98	1	03/18/19 12:40	03/20/19 12:10	4165-60-0	
Phenol-d5 (S)	68	%.	18-108	1	03/18/19 12:40	03/20/19 12:10	4165-62-2	
2-Fluorophenol (S)	65	%.	16-104	1	03/18/19 12:40	03/20/19 12:10	367-12-4	
2,4,6-Tribromophenol (S)	64	%.	10-114	1	03/18/19 12:40	03/20/19 12:10	118-79-6	
2-Fluorobiphenyl (S)	65	%.	21-96	1	03/18/19 12:40	03/20/19 12:10	321-60-8	
p-Terphenyl-d14 (S)	94	%.	29-124	1	03/18/19 12:40	03/20/19 12:10	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1150	ug/kg	1150	1	03/19/19 15:37	67-64-1
Acrylonitrile	<1150	ug/kg	1150	1	03/19/19 15:37	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (2-3') Lab ID: 50218951050 Collected: 03/07/19 15:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	71-43-2	
Bromobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	108-86-1	
Bromochloromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	74-97-5	
Bromodichloromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-27-4	
Bromoform	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-25-2	
Bromomethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	74-83-9	
2-Butanone (MEK)	<289	ug/kg	289	1		03/19/19 15:37	78-93-3	
tert-Butyl Alcohol	<577	ug/kg	577	1		03/19/19 15:37	75-65-0	
n-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	104-51-8	
sec-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	135-98-8	
tert-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	98-06-6	
Carbon disulfide	<115	ug/kg	115	1		03/19/19 15:37	75-15-0	
Carbon tetrachloride	<57.7	ug/kg	57.7	1		03/19/19 15:37	56-23-5	
Chlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	108-90-7	
Chloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-00-3	
Chloroform	<57.7	ug/kg	57.7	1		03/19/19 15:37	67-66-3	
Chloromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	74-87-3	
2-Chlorotoluene	<57.7	ug/kg	57.7	1		03/19/19 15:37	95-49-8	
1,2-Dibromo-3-chloropropane	<115	ug/kg	115	1		03/19/19 15:37	96-12-8	
Dibromochloromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	124-48-1	
1,2-Dibromoethane (EDB)	<57.7	ug/kg	57.7	1		03/19/19 15:37	106-93-4	
Dibromomethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	74-95-3	
1,2-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	95-50-1	
1,3-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	541-73-1	
1,4-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	106-46-7	
trans-1,4-Dichloro-2-butene	<1150	ug/kg	1150	1		03/19/19 15:37	110-57-6	
Dichlorodifluoromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-71-8	
1,1-Dichloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-34-3	
1,2-Dichloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	107-06-2	
1,1-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-35-4	
cis-1,2-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 15:37	156-59-2	
trans-1,2-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 15:37	156-60-5	
1,2-Dichloropropane	<57.7	ug/kg	57.7	1		03/19/19 15:37	78-87-5	
cis-1,3-Dichloropropene	<57.7	ug/kg	57.7	1		03/19/19 15:37	10061-01-5	
trans-1,3-Dichloropropene	<57.7	ug/kg	57.7	1		03/19/19 15:37	10061-02-6	
Diethyl ether (Ethyl ether)	<57.7	ug/kg	57.7	1		03/19/19 15:37	60-29-7	
Ethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	100-41-4	
2-Hexanone	<1150	ug/kg	1150	1		03/19/19 15:37	591-78-6	
Iodomethane	<1150	ug/kg	1150	1		03/19/19 15:37	74-88-4	
Isopropylbenzene (Cumene)	<57.7	ug/kg	57.7	1		03/19/19 15:37	98-82-8	
p-Isopropyltoluene	<57.7	ug/kg	57.7	1		03/19/19 15:37	99-87-6	
Methylene Chloride	<231	ug/kg	231	1		03/19/19 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	<289	ug/kg	289	1		03/19/19 15:37	108-10-1	
Methyl-tert-butyl ether	<57.7	ug/kg	57.7	1		03/19/19 15:37	1634-04-4	L1
Naphthalene	<57.7	ug/kg	57.7	1		03/19/19 15:37	91-20-3	
n-Propylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-25 (2-3') Lab ID: 50218951050 Collected: 03/07/19 15:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<57.7	ug/kg	57.7	1		03/19/19 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	79-34-5	
Tetrachloroethene	<57.7	ug/kg	57.7	1		03/19/19 15:37	127-18-4	
Tetrahydrofuran	<1150	ug/kg	1150	1		03/19/19 15:37	109-99-9	
Toluene	<57.7	ug/kg	57.7	1		03/19/19 15:37	108-88-3	
1,2,3-Trichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	87-61-6	
1,2,4-Trichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	120-82-1	
1,1,1-Trichloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	71-55-6	
1,1,2-Trichloroethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	79-00-5	
Trichloroethene	<57.7	ug/kg	57.7	1		03/19/19 15:37	79-01-6	
Trichlorofluoromethane	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-69-4	
1,2,3-Trichloropropane	<57.7	ug/kg	57.7	1		03/19/19 15:37	96-18-4	
1,2,3-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	526-73-8	N2
1,2,4-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	95-63-6	
1,3,5-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 15:37	108-67-8	
Vinyl chloride	<57.7	ug/kg	57.7	1		03/19/19 15:37	75-01-4	
Xylene (Total)	<115	ug/kg	115	1		03/19/19 15:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	85-118	1		03/19/19 15:37	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 15:37	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 15:37	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.7	%	0.10	1		03/18/19 10:27

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-26 (9-10') **Lab ID:** 50218951051 **Collected:** 03/07/19 15:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8780	ug/kg	3050	25	03/14/19 09:25	03/18/19 23:38	7440-38-2	
Barium	122000	ug/kg	3050	25	03/14/19 09:25	03/18/19 23:38	7440-39-3	
Cadmium	207	ug/kg	61.0	1	03/14/19 09:25	03/19/19 03:35	7440-43-9	
Chromium	24800	ug/kg	6100	25	03/14/19 09:25	03/18/19 23:38	7440-47-3	
Copper	21700	ug/kg	1530	25	03/14/19 09:25	03/18/19 23:38	7440-50-8	
Lead	13400	ug/kg	122	1	03/14/19 09:25	03/19/19 03:35	7439-92-1	N2
Selenium	<3050	ug/kg	3050	25	03/14/19 09:25	03/18/19 23:38	7782-49-2	D3
Silver	<61.0	ug/kg	61.0	1	03/14/19 09:25	03/19/19 03:35	7440-22-4	
Zinc	60000	ug/kg	15300	25	03/14/19 09:25	03/18/19 23:38	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<249	ug/kg	249	1	03/19/19 10:26	03/19/19 21:27	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	83-32-9	
Acenaphthylene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	208-96-8	
Aniline	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	62-53-3	
Anthracene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	120-12-7	
Atrazine	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	1912-24-9	N2
Azobenzene	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	103-33-3	N2
Benidine	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	92-87-5	
Benzo(a)anthracene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	56-55-3	
Benzo(a)pyrene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	50-32-8	
Benzo(b)fluoranthene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	205-99-2	
Benzo(g,h,i)perylene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	191-24-2	
Benzo(k)fluoranthene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	207-08-9	
Benzoic acid	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	65-85-0	
Benzyl alcohol	<815	ug/kg	815	1	03/18/19 12:40	03/20/19 15:44	100-51-6	
4-Bromophenylphenyl ether	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	101-55-3	
Butylbenzylphthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	85-68-7	
Caprolactam	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	105-60-2	N2
Carbazole	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	86-74-8	
4-Chloro-3-methylphenol	<815	ug/kg	815	1	03/18/19 12:40	03/20/19 15:44	59-50-7	
bis(2-Chloroethoxy)methane	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	111-91-1	
bis(2-Chloroethyl) ether	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	111-44-4	
bis(2-Chloroisopropyl) ether	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	108-60-1	
2-Chloronaphthalene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	91-58-7	
2-Chlorophenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	95-57-8	
4-Chlorophenylphenyl ether	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	7005-72-3	
Chrysene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	218-01-9	
Dibenz(a,h)anthracene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	53-70-3	
Dibenzofuran	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	132-64-9	
3,3'-Dichlorobenzidine	<815	ug/kg	815	1	03/18/19 12:40	03/20/19 15:44	91-94-1	
2,4-Dichlorophenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	120-83-2	
Diethylphthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-26 (9-10') **Lab ID:** 50218951051 **Collected:** 03/07/19 15:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	105-67-9	
Dimethylphthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	131-11-3	
Di-n-butylphthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	84-74-2	
4,6-Dinitro-2-methylphenol	<815	ug/kg	815	1	03/18/19 12:40	03/20/19 15:44	534-52-1	
2,4-Dinitrophenol	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	51-28-5	
2,4-Dinitrotoluene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	121-14-2	
2,6-Dinitrotoluene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	606-20-2	
Di-n-octylphthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	117-84-0	
bis(2-Ethylhexyl)phthalate	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	117-81-7	
Fluoranthene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	206-44-0	
Fluorene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	86-73-7	
Hexachlorobenzene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	118-74-1	
Hexachlorocyclopentadiene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	77-47-4	
Hexachloroethane	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	67-72-1	
Indeno(1,2,3-cd)pyrene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	193-39-5	
Isophorone	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	78-59-1	
2-Methylnaphthalene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	91-57-6	
2-Methylphenol(o-Cresol)	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	<815	ug/kg	815	1	03/18/19 12:40	03/20/19 15:44		
2-Nitroaniline	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	88-74-4	
3-Nitroaniline	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	99-09-2	
4-Nitroaniline	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	100-01-6	
Nitrobenzene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	98-95-3	
2-Nitrophenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	88-75-5	
4-Nitrophenol	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	100-02-7	
N-Nitrosodimethylamine	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	62-75-9	
N-Nitroso-di-n-propylamine	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	621-64-7	
N-Nitrosodiphenylamine	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	86-30-6	
Pentachlorophenol	<1980	ug/kg	1980	1	03/18/19 12:40	03/20/19 15:44	87-86-5	
Phenanthrene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	85-01-8	
Phenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	108-95-2	
Pyrene	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	129-00-0	
Pyridine	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	110-86-1	
2,4,5-Trichlorophenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	95-95-4	
2,4,6-Trichlorophenol	<408	ug/kg	408	1	03/18/19 12:40	03/20/19 15:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%	18-98	1	03/18/19 12:40	03/20/19 15:44	4165-60-0	
Phenol-d5 (S)	74	%	18-108	1	03/18/19 12:40	03/20/19 15:44	4165-62-2	
2-Fluorophenol (S)	73	%	16-104	1	03/18/19 12:40	03/20/19 15:44	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-114	1	03/18/19 12:40	03/20/19 15:44	118-79-6	
2-Fluorobiphenyl (S)	60	%	21-96	1	03/18/19 12:40	03/20/19 15:44	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-124	1	03/18/19 12:40	03/20/19 15:44	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1140	ug/kg	1140	1		03/19/19 06:41	67-64-1	
Acrylonitrile	<1140	ug/kg	1140	1		03/19/19 06:41	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-26 (9-10') Lab ID: 50218951051 Collected: 03/07/19 15:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	71-43-2	
Bromobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	108-86-1	
Bromochloromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	74-97-5	
Bromodichloromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-27-4	
Bromoform	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-25-2	
Bromomethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	74-83-9	
2-Butanone (MEK)	<286	ug/kg	286	1		03/19/19 06:41	78-93-3	
tert-Butyl Alcohol	<572	ug/kg	572	1		03/19/19 06:41	75-65-0	L1
n-Butylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	104-51-8	
sec-Butylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	135-98-8	
tert-Butylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	98-06-6	
Carbon disulfide	<114	ug/kg	114	1		03/19/19 06:41	75-15-0	
Carbon tetrachloride	<57.2	ug/kg	57.2	1		03/19/19 06:41	56-23-5	
Chlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	108-90-7	
Chloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-00-3	
Chloroform	<57.2	ug/kg	57.2	1		03/19/19 06:41	67-66-3	
Chloromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	74-87-3	
2-Chlorotoluene	<57.2	ug/kg	57.2	1		03/19/19 06:41	95-49-8	
1,2-Dibromo-3-chloropropane	<114	ug/kg	114	1		03/19/19 06:41	96-12-8	
Dibromochloromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	124-48-1	
1,2-Dibromoethane (EDB)	<57.2	ug/kg	57.2	1		03/19/19 06:41	106-93-4	
Dibromomethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	74-95-3	
1,2-Dichlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	95-50-1	
1,3-Dichlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	541-73-1	
1,4-Dichlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	106-46-7	
trans-1,4-Dichloro-2-butene	<1140	ug/kg	1140	1		03/19/19 06:41	110-57-6	
Dichlorodifluoromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-71-8	
1,1-Dichloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-34-3	
1,2-Dichloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	107-06-2	
1,1-Dichloroethene	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-35-4	
cis-1,2-Dichloroethene	315	ug/kg	57.2	1		03/19/19 06:41	156-59-2	
trans-1,2-Dichloroethene	<57.2	ug/kg	57.2	1		03/19/19 06:41	156-60-5	
1,2-Dichloropropane	<57.2	ug/kg	57.2	1		03/19/19 06:41	78-87-5	
cis-1,3-Dichloropropene	<57.2	ug/kg	57.2	1		03/19/19 06:41	10061-01-5	
trans-1,3-Dichloropropene	<57.2	ug/kg	57.2	1		03/19/19 06:41	10061-02-6	
Diethyl ether (Ethyl ether)	<57.2	ug/kg	57.2	1		03/19/19 06:41	60-29-7	
Ethylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	100-41-4	
2-Hexanone	<1140	ug/kg	1140	1		03/19/19 06:41	591-78-6	
Iodomethane	<1140	ug/kg	1140	1		03/19/19 06:41	74-88-4	
Isopropylbenzene (Cumene)	<57.2	ug/kg	57.2	1		03/19/19 06:41	98-82-8	
p-Isopropyltoluene	<57.2	ug/kg	57.2	1		03/19/19 06:41	99-87-6	
Methylene Chloride	<229	ug/kg	229	1		03/19/19 06:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	<286	ug/kg	286	1		03/19/19 06:41	108-10-1	
Methyl-tert-butyl ether	<57.2	ug/kg	57.2	1		03/19/19 06:41	1634-04-4	
Naphthalene	<57.2	ug/kg	57.2	1		03/19/19 06:41	91-20-3	
n-Propylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-26 (9-10') **Lab ID:** 50218951051 **Collected:** 03/07/19 15:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<57.2	ug/kg	57.2	1		03/19/19 06:41	100-42-5	
1,1,1,2-Tetrachloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	630-20-6	
1,1,2,2-Tetrachloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	79-34-5	
Tetrachloroethene	168	ug/kg	57.2	1		03/19/19 06:41	127-18-4	
Tetrahydrofuran	<1140	ug/kg	1140	1		03/19/19 06:41	109-99-9	
Toluene	<57.2	ug/kg	57.2	1		03/19/19 06:41	108-88-3	
1,2,3-Trichlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	87-61-6	
1,2,4-Trichlorobenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	120-82-1	
1,1,1-Trichloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	71-55-6	
1,1,2-Trichloroethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	79-00-5	
Trichloroethene	7040	ug/kg	5720	100		03/22/19 14:58	79-01-6	
Trichlorofluoromethane	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-69-4	
1,2,3-Trichloropropane	<57.2	ug/kg	57.2	1		03/19/19 06:41	96-18-4	
1,2,3-Trimethylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	526-73-8	N2
1,2,4-Trimethylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	95-63-6	
1,3,5-Trimethylbenzene	<57.2	ug/kg	57.2	1		03/19/19 06:41	108-67-8	
Vinyl chloride	<57.2	ug/kg	57.2	1		03/19/19 06:41	75-01-4	
Xylene (Total)	<114	ug/kg	114	1		03/19/19 06:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 06:41	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		03/19/19 06:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	56-144	1		03/19/19 06:41	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.8	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (3-4') **Lab ID:** 50218951052 **Collected:** 03/07/19 16:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5300	ug/kg	2900	25	03/14/19 09:25	03/18/19 23:49	7440-38-2	
Barium	147000	ug/kg	2900	25	03/14/19 09:25	03/18/19 23:49	7440-39-3	
Cadmium	1800	ug/kg	58.0	1	03/14/19 09:25	03/19/19 03:50	7440-43-9	
Chromium	37100	ug/kg	1160	5	03/14/19 09:25	03/16/19 04:55	7440-47-3	
Copper	104000	ug/kg	1450	25	03/14/19 09:25	03/18/19 23:49	7440-50-8	
Lead	145000	ug/kg	2900	25	03/14/19 09:25	03/18/19 23:49	7439-92-1	N2
Selenium	<2900	ug/kg	2900	25	03/14/19 09:25	03/18/19 23:49	7782-49-2	D3
Silver	225	ug/kg	58.0	1	03/14/19 09:25	03/19/19 03:50	7440-22-4	
Zinc	250000	ug/kg	14500	25	03/14/19 09:25	03/18/19 23:49	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<233	ug/kg	233	1	03/19/19 10:26	03/19/19 21:29	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	13200	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	83-32-9	
Acenaphthylene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	208-96-8	
Aniline	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	62-53-3	
Anthracene	10800	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	120-12-7	
Atrazine	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	1912-24-9	N2
Azobenzene	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	103-33-3	N2
Benidine	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	92-87-5	
Benzo(a)anthracene	17200	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	56-55-3	
Benzo(a)pyrene	10700	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	50-32-8	
Benzo(b)fluoranthene	13700	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	205-99-2	
Benzo(g,h,i)perylene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	191-24-2	
Benzo(k)fluoranthene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	207-08-9	
Benzoic acid	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	65-85-0	
Benzyl alcohol	<19100	ug/kg	19100	5	03/18/19 12:40	03/20/19 16:00	100-51-6	
4-Bromophenylphenyl ether	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	101-55-3	
Butylbenzylphthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	85-68-7	
Caprolactam	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	105-60-2	N2
Carbazole	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	86-74-8	
4-Chloro-3-methylphenol	<19100	ug/kg	19100	5	03/18/19 12:40	03/20/19 16:00	59-50-7	
bis(2-Chloroethoxy)methane	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	111-91-1	
bis(2-Chloroethyl) ether	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	111-44-4	
bis(2-Chloroisopropyl) ether	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	108-60-1	
2-Chloronaphthalene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	91-58-7	
2-Chlorophenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	95-57-8	
4-Chlorophenylphenyl ether	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	7005-72-3	
Chrysene	16800	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	218-01-9	
Dibenz(a,h)anthracene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	53-70-3	
Dibenzofuran	10200	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	132-64-9	
3,3'-Dichlorobenzidine	<19100	ug/kg	19100	5	03/18/19 12:40	03/20/19 16:00	91-94-1	
2,4-Dichlorophenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	120-83-2	
Diethylphthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (3-4') **Lab ID:** 50218951052 **Collected:** 03/07/19 16:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	105-67-9	
Dimethylphthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	131-11-3	
Di-n-butylphthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	84-74-2	
4,6-Dinitro-2-methylphenol	<19100	ug/kg	19100	5	03/18/19 12:40	03/20/19 16:00	534-52-1	
2,4-Dinitrophenol	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	51-28-5	
2,4-Dinitrotoluene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	121-14-2	
2,6-Dinitrotoluene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	606-20-2	
Di-n-octylphthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	117-84-0	
bis(2-Ethylhexyl)phthalate	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	117-81-7	
Fluoranthene	46900	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	206-44-0	
Fluorene	13100	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	86-73-7	
Hexachlorobenzene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	118-74-1	
Hexachlorocyclopentadiene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	77-47-4	
Hexachloroethane	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	67-72-1	
Indeno(1,2,3-cd)pyrene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	193-39-5	
Isophorone	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	78-59-1	
2-Methylnaphthalene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	91-57-6	
2-Methylphenol(o-Cresol)	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	<19100	ug/kg	19100	5	03/18/19 12:40	03/20/19 16:00		
2-Nitroaniline	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	88-74-4	
3-Nitroaniline	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	99-09-2	
4-Nitroaniline	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	100-01-6	
Nitrobenzene	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	98-95-3	
2-Nitrophenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	88-75-5	
4-Nitrophenol	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	100-02-7	
N-Nitrosodimethylamine	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	62-75-9	
N-Nitroso-di-n-propylamine	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	621-64-7	
N-Nitrosodiphenylamine	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	86-30-6	
Pentachlorophenol	<46400	ug/kg	46400	5	03/18/19 12:40	03/20/19 16:00	87-86-5	
Phenanthrene	52300	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	85-01-8	
Phenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	108-95-2	ED
Pyrene	41000	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	129-00-0	
Pyridine	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	110-86-1	
2,4,5-Trichlorophenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	95-95-4	
2,4,6-Trichlorophenol	<9560	ug/kg	9560	5	03/18/19 12:40	03/20/19 16:00	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%	18-98	5	03/18/19 12:40	03/20/19 16:00	4165-60-0	S4
Phenol-d5 (S)	63	%	18-108	5	03/18/19 12:40	03/20/19 16:00	4165-62-2	S4
2-Fluorophenol (S)	53	%	16-104	5	03/18/19 12:40	03/20/19 16:00	367-12-4	S4
2,4,6-Tribromophenol (S)	29	%	10-114	5	03/18/19 12:40	03/20/19 16:00	118-79-6	S4
2-Fluorobiphenyl (S)	69	%	21-96	5	03/18/19 12:40	03/20/19 16:00	321-60-8	S4
p-Terphenyl-d14 (S)	89	%	29-124	5	03/18/19 12:40	03/20/19 16:00	1718-51-0	S4

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1300	ug/kg	1300	1	03/19/19 07:13	67-64-1
Acrylonitrile	<1300	ug/kg	1300	1	03/19/19 07:13	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (3-4') Lab ID: 50218951052 Collected: 03/07/19 16:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	71-43-2	
Bromobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	108-86-1	
Bromochloromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	74-97-5	
Bromodichloromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-27-4	
Bromoform	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-25-2	
Bromomethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	74-83-9	
2-Butanone (MEK)	<326	ug/kg	326	1		03/19/19 07:13	78-93-3	
tert-Butyl Alcohol	<651	ug/kg	651	1		03/19/19 07:13	75-65-0	L1
n-Butylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	104-51-8	
sec-Butylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	135-98-8	
tert-Butylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	98-06-6	
Carbon disulfide	<130	ug/kg	130	1		03/19/19 07:13	75-15-0	
Carbon tetrachloride	<65.1	ug/kg	65.1	1		03/19/19 07:13	56-23-5	
Chlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	108-90-7	
Chloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-00-3	
Chloroform	<65.1	ug/kg	65.1	1		03/19/19 07:13	67-66-3	
Chloromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	74-87-3	
2-Chlorotoluene	<65.1	ug/kg	65.1	1		03/19/19 07:13	95-49-8	
1,2-Dibromo-3-chloropropane	<130	ug/kg	130	1		03/19/19 07:13	96-12-8	
Dibromochloromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	124-48-1	
1,2-Dibromoethane (EDB)	<65.1	ug/kg	65.1	1		03/19/19 07:13	106-93-4	
Dibromomethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	74-95-3	
1,2-Dichlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	95-50-1	
1,3-Dichlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	541-73-1	
1,4-Dichlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	106-46-7	
trans-1,4-Dichloro-2-butene	<1300	ug/kg	1300	1		03/19/19 07:13	110-57-6	
Dichlorodifluoromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-71-8	
1,1-Dichloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-34-3	
1,2-Dichloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	107-06-2	
1,1-Dichloroethene	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-35-4	
cis-1,2-Dichloroethene	<65.1	ug/kg	65.1	1		03/19/19 07:13	156-59-2	
trans-1,2-Dichloroethene	<65.1	ug/kg	65.1	1		03/19/19 07:13	156-60-5	
1,2-Dichloropropane	<65.1	ug/kg	65.1	1		03/19/19 07:13	78-87-5	
cis-1,3-Dichloropropene	<65.1	ug/kg	65.1	1		03/19/19 07:13	10061-01-5	
trans-1,3-Dichloropropene	<65.1	ug/kg	65.1	1		03/19/19 07:13	10061-02-6	
Diethyl ether (Ethyl ether)	<65.1	ug/kg	65.1	1		03/19/19 07:13	60-29-7	
Ethylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	100-41-4	
2-Hexanone	<1300	ug/kg	1300	1		03/19/19 07:13	591-78-6	
Iodomethane	<1300	ug/kg	1300	1		03/19/19 07:13	74-88-4	
Isopropylbenzene (Cumene)	<65.1	ug/kg	65.1	1		03/19/19 07:13	98-82-8	
p-Isopropyltoluene	<65.1	ug/kg	65.1	1		03/19/19 07:13	99-87-6	
Methylene Chloride	<260	ug/kg	260	1		03/19/19 07:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	<326	ug/kg	326	1		03/19/19 07:13	108-10-1	
Methyl-tert-butyl ether	<65.1	ug/kg	65.1	1		03/19/19 07:13	1634-04-4	
Naphthalene	486	ug/kg	130	2		03/22/19 13:38	91-20-3	
n-Propylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (3-4') Lab ID: 50218951052 Collected: 03/07/19 16:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<65.1	ug/kg	65.1	1		03/19/19 07:13	100-42-5	
1,1,1,2-Tetrachloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	630-20-6	
1,1,2,2-Tetrachloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	79-34-5	
Tetrachloroethene	<65.1	ug/kg	65.1	1		03/19/19 07:13	127-18-4	
Tetrahydrofuran	<1300	ug/kg	1300	1		03/19/19 07:13	109-99-9	
Toluene	<65.1	ug/kg	65.1	1		03/19/19 07:13	108-88-3	
1,2,3-Trichlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	87-61-6	
1,2,4-Trichlorobenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	120-82-1	
1,1,1-Trichloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	71-55-6	
1,1,2-Trichloroethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	79-00-5	
Trichloroethene	<65.1	ug/kg	65.1	1		03/19/19 07:13	79-01-6	
Trichlorofluoromethane	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-69-4	
1,2,3-Trichloropropane	<65.1	ug/kg	65.1	1		03/19/19 07:13	96-18-4	
1,2,3-Trimethylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	526-73-8	N2
1,2,4-Trimethylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	95-63-6	
1,3,5-Trimethylbenzene	<65.1	ug/kg	65.1	1		03/19/19 07:13	108-67-8	
Vinyl chloride	<65.1	ug/kg	65.1	1		03/19/19 07:13	75-01-4	
Xylene (Total)	<130	ug/kg	130	1		03/19/19 07:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	85-118	1		03/19/19 07:13	1868-53-7	
Toluene-d8 (S)	103	%	71-128	1		03/19/19 07:13	2037-26-5	
4-Bromofluorobenzene (S)	101	%	56-144	1		03/19/19 07:13	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	14.8	%	0.10	1		03/18/19 10:27

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (6-7') **Lab ID:** 50218951053 **Collected:** 03/07/19 16:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	11800	ug/kg	297	2	03/14/19 09:25	03/19/19 03:54	7440-38-2	
Barium	66000	ug/kg	3710	25	03/14/19 09:25	03/18/19 23:53	7440-39-3	
Cadmium	2540	ug/kg	148	2	03/14/19 09:25	03/19/19 03:54	7440-43-9	
Chromium	1200000	ug/kg	14800	50	03/14/19 09:25	03/18/19 22:35	7440-47-3	
Copper	298000	ug/kg	1850	25	03/14/19 09:25	03/18/19 23:53	7440-50-8	
Lead	51100	ug/kg	297	2	03/14/19 09:25	03/19/19 03:54	7439-92-1	N2
Selenium	781	ug/kg	742	5	03/14/19 09:25	03/16/19 04:58	7782-49-2	
Silver	632	ug/kg	148	2	03/14/19 09:25	03/19/19 03:54	7440-22-4	
Zinc	224000	ug/kg	18500	25	03/14/19 09:25	03/18/19 23:53	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<325	ug/kg	325	1	03/19/19 10:26	03/19/19 21:31	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	83-32-9	
Acenaphthylene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	208-96-8	
Aniline	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	62-53-3	
Anthracene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	120-12-7	
Atrazine	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	1912-24-9	N2
Azobenzene	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	103-33-3	N2
Benzidine	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	92-87-5	
Benzo(a)anthracene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	56-55-3	
Benzo(a)pyrene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	50-32-8	
Benzo(b)fluoranthene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	205-99-2	
Benzo(g,h,i)perylene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	191-24-2	
Benzo(k)fluoranthene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	207-08-9	
Benzoic acid	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	65-85-0	
Benzyl alcohol	<77200	ug/kg	77200	5	03/18/19 12:40	03/20/19 16:16	100-51-6	
4-Bromophenylphenyl ether	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	101-55-3	
Butylbenzylphthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	85-68-7	
Caprolactam	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	105-60-2	N2
Carbazole	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	86-74-8	
4-Chloro-3-methylphenol	<77200	ug/kg	77200	5	03/18/19 12:40	03/20/19 16:16	59-50-7	
bis(2-Chloroethoxy)methane	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	111-91-1	
bis(2-Chloroethyl) ether	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	111-44-4	
bis(2-Chloroisopropyl) ether	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	108-60-1	
2-Chloronaphthalene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	91-58-7	
2-Chlorophenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	95-57-8	
4-Chlorophenylphenyl ether	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	7005-72-3	
Chrysene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	218-01-9	
Dibenz(a,h)anthracene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	53-70-3	
Dibenzofuran	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	132-64-9	
3,3'-Dichlorobenzidine	<77200	ug/kg	77200	5	03/18/19 12:40	03/20/19 16:16	91-94-1	
2,4-Dichlorophenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	120-83-2	
Diethylphthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (6-7') Lab ID: 50218951053 Collected: 03/07/19 16:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	105-67-9	
Dimethylphthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	131-11-3	
Di-n-butylphthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	84-74-2	
4,6-Dinitro-2-methylphenol	<77200	ug/kg	77200	5	03/18/19 12:40	03/20/19 16:16	534-52-1	
2,4-Dinitrophenol	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	51-28-5	
2,4-Dinitrotoluene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	121-14-2	
2,6-Dinitrotoluene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	606-20-2	
Di-n-octylphthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	117-84-0	
bis(2-Ethylhexyl)phthalate	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	117-81-7	
Fluoranthene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	206-44-0	
Fluorene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	86-73-7	
Hexachlorobenzene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	118-74-1	
Hexachlorocyclopentadiene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	77-47-4	
Hexachloroethane	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	67-72-1	
Indeno(1,2,3-cd)pyrene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	193-39-5	
Isophorone	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	78-59-1	
2-Methylnaphthalene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	91-57-6	
2-Methylphenol(o-Cresol)	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	<77200	ug/kg	77200	5	03/18/19 12:40	03/20/19 16:16		
2-Nitroaniline	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	88-74-4	
3-Nitroaniline	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	99-09-2	
4-Nitroaniline	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	100-01-6	
Nitrobenzene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	98-95-3	
2-Nitrophenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	88-75-5	
4-Nitrophenol	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	100-02-7	
N-Nitrosodimethylamine	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	62-75-9	
N-Nitroso-di-n-propylamine	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	621-64-7	
N-Nitrosodiphenylamine	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	86-30-6	
Pentachlorophenol	<187000	ug/kg	187000	5	03/18/19 12:40	03/20/19 16:16	87-86-5	
Phenanthrene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	85-01-8	
Phenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	108-95-2	ED
Pyrene	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	129-00-0	
Pyridine	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	110-86-1	
2,4,5-Trichlorophenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	95-95-4	
2,4,6-Trichlorophenol	<38600	ug/kg	38600	5	03/18/19 12:40	03/20/19 16:16	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	23	%.	18-98	5	03/18/19 12:40	03/20/19 16:16	4165-60-0	S4
Phenol-d5 (S)	33	%.	18-108	5	03/18/19 12:40	03/20/19 16:16	4165-62-2	S4
2-Fluorophenol (S)	20	%.	16-104	5	03/18/19 12:40	03/20/19 16:16	367-12-4	S4
2,4,6-Tribromophenol (S)	21	%.	10-114	5	03/18/19 12:40	03/20/19 16:16	118-79-6	S4
2-Fluorobiphenyl (S)	27	%.	21-96	5	03/18/19 12:40	03/20/19 16:16	321-60-8	S4
p-Terphenyl-d14 (S)	49	%.	29-124	5	03/18/19 12:40	03/20/19 16:16	1718-51-0	S4

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<18500	ug/kg	18500	10	03/19/19 07:46	67-64-1
Acrylonitrile	<18500	ug/kg	18500	10	03/19/19 07:46	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (6-7') Lab ID: 50218951053 Collected: 03/07/19 16:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<923	ug/kg	923	10		03/19/19 07:46	71-43-2	
Bromobenzene	<923	ug/kg	923	10		03/19/19 07:46	108-86-1	
Bromochloromethane	<923	ug/kg	923	10		03/19/19 07:46	74-97-5	
Bromodichloromethane	<923	ug/kg	923	10		03/19/19 07:46	75-27-4	
Bromoform	<923	ug/kg	923	10		03/19/19 07:46	75-25-2	
Bromomethane	<923	ug/kg	923	10		03/19/19 07:46	74-83-9	
2-Butanone (MEK)	<4610	ug/kg	4610	10		03/19/19 07:46	78-93-3	
tert-Butyl Alcohol	<9230	ug/kg	9230	10		03/19/19 07:46	75-65-0	L1
n-Butylbenzene	<923	ug/kg	923	10		03/19/19 07:46	104-51-8	
sec-Butylbenzene	<923	ug/kg	923	10		03/19/19 07:46	135-98-8	
tert-Butylbenzene	<923	ug/kg	923	10		03/19/19 07:46	98-06-6	
Carbon disulfide	<1850	ug/kg	1850	10		03/19/19 07:46	75-15-0	
Carbon tetrachloride	<923	ug/kg	923	10		03/19/19 07:46	56-23-5	
Chlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	108-90-7	
Chloroethane	<923	ug/kg	923	10		03/19/19 07:46	75-00-3	
Chloroform	<923	ug/kg	923	10		03/19/19 07:46	67-66-3	
Chloromethane	<923	ug/kg	923	10		03/19/19 07:46	74-87-3	
2-Chlorotoluene	<923	ug/kg	923	10		03/19/19 07:46	95-49-8	
1,2-Dibromo-3-chloropropane	<1850	ug/kg	1850	10		03/19/19 07:46	96-12-8	
Dibromochloromethane	<923	ug/kg	923	10		03/19/19 07:46	124-48-1	
1,2-Dibromoethane (EDB)	<923	ug/kg	923	10		03/19/19 07:46	106-93-4	
Dibromomethane	<923	ug/kg	923	10		03/19/19 07:46	74-95-3	
1,2-Dichlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	95-50-1	
1,3-Dichlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	541-73-1	
1,4-Dichlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	106-46-7	
trans-1,4-Dichloro-2-butene	<18500	ug/kg	18500	10		03/19/19 07:46	110-57-6	
Dichlorodifluoromethane	<923	ug/kg	923	10		03/19/19 07:46	75-71-8	
1,1-Dichloroethane	<923	ug/kg	923	10		03/19/19 07:46	75-34-3	
1,2-Dichloroethane	<923	ug/kg	923	10		03/19/19 07:46	107-06-2	
1,1-Dichloroethene	<923	ug/kg	923	10		03/19/19 07:46	75-35-4	
cis-1,2-Dichloroethene	<923	ug/kg	923	10		03/19/19 07:46	156-59-2	
trans-1,2-Dichloroethene	<923	ug/kg	923	10		03/19/19 07:46	156-60-5	
1,2-Dichloropropane	<923	ug/kg	923	10		03/19/19 07:46	78-87-5	
cis-1,3-Dichloropropene	<923	ug/kg	923	10		03/19/19 07:46	10061-01-5	
trans-1,3-Dichloropropene	<923	ug/kg	923	10		03/19/19 07:46	10061-02-6	
Diethyl ether (Ethyl ether)	<923	ug/kg	923	10		03/19/19 07:46	60-29-7	
Ethylbenzene	<923	ug/kg	923	10		03/19/19 07:46	100-41-4	
2-Hexanone	<18500	ug/kg	18500	10		03/19/19 07:46	591-78-6	
Iodomethane	<18500	ug/kg	18500	10		03/19/19 07:46	74-88-4	
Isopropylbenzene (Cumene)	<923	ug/kg	923	10		03/19/19 07:46	98-82-8	
p-Isopropyltoluene	<923	ug/kg	923	10		03/19/19 07:46	99-87-6	
Methylene Chloride	<3690	ug/kg	3690	10		03/19/19 07:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	<4610	ug/kg	4610	10		03/19/19 07:46	108-10-1	
Methyl-tert-butyl ether	<923	ug/kg	923	10		03/19/19 07:46	1634-04-4	
Naphthalene	<923	ug/kg	923	10		03/19/19 07:46	91-20-3	
n-Propylbenzene	<923	ug/kg	923	10		03/19/19 07:46	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-27 (6-7') Lab ID: 50218951053 Collected: 03/07/19 16:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<923	ug/kg	923	10		03/19/19 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	<923	ug/kg	923	10		03/19/19 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	<923	ug/kg	923	10		03/19/19 07:46	79-34-5	
Tetrachloroethene	<923	ug/kg	923	10		03/19/19 07:46	127-18-4	
Tetrahydrofuran	<18500	ug/kg	18500	10		03/19/19 07:46	109-99-9	
Toluene	<923	ug/kg	923	10		03/19/19 07:46	108-88-3	
1,2,3-Trichlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	87-61-6	
1,2,4-Trichlorobenzene	<923	ug/kg	923	10		03/19/19 07:46	120-82-1	
1,1,1-Trichloroethane	<923	ug/kg	923	10		03/19/19 07:46	71-55-6	
1,1,2-Trichloroethane	<923	ug/kg	923	10		03/19/19 07:46	79-00-5	
Trichloroethene	<923	ug/kg	923	10		03/19/19 07:46	79-01-6	
Trichlorofluoromethane	<923	ug/kg	923	10		03/19/19 07:46	75-69-4	
1,2,3-Trichloropropane	<923	ug/kg	923	10		03/19/19 07:46	96-18-4	
1,2,3-Trimethylbenzene	<923	ug/kg	923	10		03/19/19 07:46	526-73-8	N2
1,2,4-Trimethylbenzene	<923	ug/kg	923	10		03/19/19 07:46	95-63-6	
1,3,5-Trimethylbenzene	<923	ug/kg	923	10		03/19/19 07:46	108-67-8	
Vinyl chloride	<923	ug/kg	923	10		03/19/19 07:46	75-01-4	
Xylene (Total)	<1850	ug/kg	1850	10		03/19/19 07:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%	85-118	10		03/19/19 07:46	1868-53-7	
Toluene-d8 (S)	102	%	71-128	10		03/19/19 07:46	2037-26-5	
4-Bromofluorobenzene (S)	100	%	56-144	10		03/19/19 07:46	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	37.7	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-28 (2-3') Lab ID: 50218951054 Collected: 03/07/19 16:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5140	ug/kg	3070	25	03/14/19 09:25	03/18/19 23:57	7440-38-2	
Barium	103000	ug/kg	614	5	03/14/19 09:25	03/16/19 04:25	7440-39-3	
Cadmium	372	ug/kg	61.4	1	03/14/19 09:25	03/19/19 03:39	7440-43-9	
Chromium	19600	ug/kg	6140	25	03/14/19 09:25	03/18/19 23:57	7440-47-3	
Copper	16200	ug/kg	1540	25	03/14/19 09:25	03/18/19 23:57	7440-50-8	
Lead	22300	ug/kg	123	1	03/14/19 09:25	03/19/19 03:39	7439-92-1	N2
Selenium	<3070	ug/kg	3070	25	03/14/19 09:25	03/18/19 23:57	7782-49-2	D3
Silver	<61.4	ug/kg	61.4	1	03/14/19 09:25	03/19/19 03:39	7440-22-4	
Zinc	61700	ug/kg	15400	25	03/14/19 09:25	03/18/19 23:57	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<245	ug/kg	245	1	03/19/19 10:26	03/19/19 21:33	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	83-32-9	
Acenaphthylene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	208-96-8	
Aniline	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	62-53-3	
Anthracene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	120-12-7	
Atrazine	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	1912-24-9	N2
Azobenzene	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	103-33-3	N2
Benidine	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	92-87-5	
Benzo(a)anthracene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	56-55-3	
Benzo(a)pyrene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	50-32-8	
Benzo(b)fluoranthene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	205-99-2	
Benzo(g,h,i)perylene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	191-24-2	
Benzo(k)fluoranthene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	207-08-9	
Benzoic acid	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	65-85-0	
Benzyl alcohol	<827	ug/kg	827	1	03/18/19 12:40	03/20/19 16:32	100-51-6	
4-Bromophenylphenyl ether	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	101-55-3	
Butylbenzylphthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	85-68-7	
Caprolactam	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	105-60-2	N2
Carbazole	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	86-74-8	
4-Chloro-3-methylphenol	<827	ug/kg	827	1	03/18/19 12:40	03/20/19 16:32	59-50-7	
bis(2-Chloroethoxy)methane	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	111-91-1	
bis(2-Chloroethyl) ether	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	111-44-4	
bis(2-Chloroisopropyl) ether	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	108-60-1	
2-Chloronaphthalene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	91-58-7	
2-Chlorophenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	95-57-8	
4-Chlorophenylphenyl ether	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	7005-72-3	
Chrysene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	218-01-9	
Dibenz(a,h)anthracene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	53-70-3	
Dibenzofuran	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	132-64-9	
3,3'-Dichlorobenzidine	<827	ug/kg	827	1	03/18/19 12:40	03/20/19 16:32	91-94-1	
2,4-Dichlorophenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	120-83-2	
Diethylphthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-28 (2-3') **Lab ID:** 50218951054 **Collected:** 03/07/19 16:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	105-67-9	
Dimethylphthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	131-11-3	
Di-n-butylphthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	84-74-2	
4,6-Dinitro-2-methylphenol	<827	ug/kg	827	1	03/18/19 12:40	03/20/19 16:32	534-52-1	
2,4-Dinitrophenol	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	51-28-5	
2,4-Dinitrotoluene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	121-14-2	
2,6-Dinitrotoluene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	606-20-2	
Di-n-octylphthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	117-84-0	
bis(2-Ethylhexyl)phthalate	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	117-81-7	
Fluoranthene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	206-44-0	
Fluorene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	86-73-7	
Hexachlorobenzene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	118-74-1	
Hexachlorocyclopentadiene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	77-47-4	
Hexachloroethane	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	67-72-1	
Indeno(1,2,3-cd)pyrene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	193-39-5	
Isophorone	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	78-59-1	
2-Methylnaphthalene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	91-57-6	
2-Methylphenol(o-Cresol)	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	<827	ug/kg	827	1	03/18/19 12:40	03/20/19 16:32		
2-Nitroaniline	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	88-74-4	
3-Nitroaniline	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	99-09-2	
4-Nitroaniline	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	100-01-6	
Nitrobenzene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	98-95-3	
2-Nitrophenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	88-75-5	
4-Nitrophenol	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	100-02-7	
N-Nitrosodimethylamine	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	62-75-9	
N-Nitroso-di-n-propylamine	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	621-64-7	
N-Nitrosodiphenylamine	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	86-30-6	
Pentachlorophenol	<2010	ug/kg	2010	1	03/18/19 12:40	03/20/19 16:32	87-86-5	
Phenanthrene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	85-01-8	
Phenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	108-95-2	
Pyrene	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	129-00-0	
Pyridine	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	110-86-1	
2,4,5-Trichlorophenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	95-95-4	
2,4,6-Trichlorophenol	<414	ug/kg	414	1	03/18/19 12:40	03/20/19 16:32	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	63	%.	18-98	1	03/18/19 12:40	03/20/19 16:32	4165-60-0	
Phenol-d5 (S)	81	%.	18-108	1	03/18/19 12:40	03/20/19 16:32	4165-62-2	
2-Fluorophenol (S)	81	%.	16-104	1	03/18/19 12:40	03/20/19 16:32	367-12-4	
2,4,6-Tribromophenol (S)	82	%.	10-114	1	03/18/19 12:40	03/20/19 16:32	118-79-6	
2-Fluorobiphenyl (S)	68	%.	21-96	1	03/18/19 12:40	03/20/19 16:32	321-60-8	
p-Terphenyl-d14 (S)	87	%.	29-124	1	03/18/19 12:40	03/20/19 16:32	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1		03/19/19 08:18	67-64-1
Acrylonitrile	<1050	ug/kg	1050	1		03/19/19 08:18	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-28 (2-3') Lab ID: 50218951054 Collected: 03/07/19 16:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	71-43-2	
Bromobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	108-86-1	
Bromochloromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	74-97-5	
Bromodichloromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-27-4	
Bromoform	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-25-2	
Bromomethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	74-83-9	
2-Butanone (MEK)	<262	ug/kg	262	1		03/19/19 08:18	78-93-3	
tert-Butyl Alcohol	<524	ug/kg	524	1		03/19/19 08:18	75-65-0	L1
n-Butylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	104-51-8	
sec-Butylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	135-98-8	
tert-Butylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/19/19 08:18	75-15-0	
Carbon tetrachloride	<52.4	ug/kg	52.4	1		03/19/19 08:18	56-23-5	
Chlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	108-90-7	
Chloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-00-3	
Chloroform	<52.4	ug/kg	52.4	1		03/19/19 08:18	67-66-3	
Chloromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	74-87-3	
2-Chlorotoluene	<52.4	ug/kg	52.4	1		03/19/19 08:18	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/19/19 08:18	96-12-8	
Dibromochloromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	124-48-1	
1,2-Dibromoethane (EDB)	<52.4	ug/kg	52.4	1		03/19/19 08:18	106-93-4	
Dibromomethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	74-95-3	
1,2-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	95-50-1	
1,3-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	541-73-1	
1,4-Dichlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/19/19 08:18	110-57-6	
Dichlorodifluoromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-71-8	
1,1-Dichloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-34-3	
1,2-Dichloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	107-06-2	
1,1-Dichloroethene	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-35-4	
cis-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/19/19 08:18	156-59-2	
trans-1,2-Dichloroethene	<52.4	ug/kg	52.4	1		03/19/19 08:18	156-60-5	
1,2-Dichloropropane	<52.4	ug/kg	52.4	1		03/19/19 08:18	78-87-5	
cis-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/19/19 08:18	10061-01-5	
trans-1,3-Dichloropropene	<52.4	ug/kg	52.4	1		03/19/19 08:18	10061-02-6	
Diethyl ether (Ethyl ether)	<52.4	ug/kg	52.4	1		03/19/19 08:18	60-29-7	
Ethylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/19/19 08:18	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/19/19 08:18	74-88-4	
Isopropylbenzene (Cumene)	<52.4	ug/kg	52.4	1		03/19/19 08:18	98-82-8	
p-Isopropyltoluene	<52.4	ug/kg	52.4	1		03/19/19 08:18	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/19/19 08:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	<262	ug/kg	262	1		03/19/19 08:18	108-10-1	
Methyl-tert-butyl ether	<52.4	ug/kg	52.4	1		03/19/19 08:18	1634-04-4	
Naphthalene	<52.4	ug/kg	52.4	1		03/19/19 08:18	91-20-3	
n-Propylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-28 (2-3') Lab ID: 50218951054 Collected: 03/07/19 16:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.4	ug/kg	52.4	1		03/19/19 08:18	100-42-5	
1,1,1,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	630-20-6	
1,1,2,2-Tetrachloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	79-34-5	
Tetrachloroethene	<52.4	ug/kg	52.4	1		03/19/19 08:18	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/19/19 08:18	109-99-9	
Toluene	<52.4	ug/kg	52.4	1		03/19/19 08:18	108-88-3	
1,2,3-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	87-61-6	
1,2,4-Trichlorobenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	120-82-1	
1,1,1-Trichloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	71-55-6	
1,1,2-Trichloroethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	79-00-5	
Trichloroethene	<52.4	ug/kg	52.4	1		03/19/19 08:18	79-01-6	
Trichlorofluoromethane	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-69-4	
1,2,3-Trichloropropane	<52.4	ug/kg	52.4	1		03/19/19 08:18	96-18-4	
1,2,3-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	526-73-8	N2
1,2,4-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	95-63-6	
1,3,5-Trimethylbenzene	<52.4	ug/kg	52.4	1		03/19/19 08:18	108-67-8	
Vinyl chloride	<52.4	ug/kg	52.4	1		03/19/19 08:18	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/19/19 08:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/19/19 08:18	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 08:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 08:18	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.5	%	0.10	1		03/18/19 10:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (1-2') Lab ID: 50218951055 Collected: 03/07/19 16:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3450	ug/kg	588	5	03/14/19 23:37	03/19/19 16:49	7440-38-2	
Barium	30400	ug/kg	588	5	03/14/19 23:37	03/19/19 16:49	7440-39-3	
Cadmium	5180	ug/kg	58.8	1	03/14/19 23:37	03/18/19 11:50	7440-43-9	
Chromium	6610	ug/kg	235	1	03/14/19 23:37	03/18/19 11:50	7440-47-3	
Copper	2240000	ug/kg	5880	100	03/14/19 23:37	03/19/19 15:45	7440-50-8	
Lead	408000	ug/kg	11800	100	03/14/19 23:37	03/19/19 15:45	7439-92-1	N2
Selenium	<588	ug/kg	588	5	03/14/19 23:37	03/19/19 16:49	7782-49-2	D3
Silver	501	ug/kg	58.8	1	03/14/19 23:37	03/18/19 11:50	7440-22-4	
Zinc	1070000	ug/kg	58800	100	03/14/19 23:37	03/19/19 15:45	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<237	ug/kg	237	1	03/17/19 17:55	03/18/19 09:20	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	83-32-9	
Acenaphthylene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	208-96-8	
Aniline	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	62-53-3	
Anthracene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	120-12-7	
Atrazine	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	92-87-5	
Benzo(a)anthracene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	56-55-3	
Benzo(a)pyrene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	50-32-8	
Benzo(b)fluoranthene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	205-99-2	
Benzo(g,h,i)perylene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	191-24-2	
Benzo(k)fluoranthene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	65-85-0	
Benzyl alcohol	<804	ug/kg	804	1	03/18/19 12:40	03/20/19 16:48	100-51-6	
4-Bromophenylphenyl ether	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	101-55-3	
Butylbenzylphthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	85-68-7	
Caprolactam	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	105-60-2	N2
Carbazole	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	86-74-8	
4-Chloro-3-methylphenol	<804	ug/kg	804	1	03/18/19 12:40	03/20/19 16:48	59-50-7	
bis(2-Chloroethoxy)methane	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	111-91-1	
bis(2-Chloroethyl) ether	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	111-44-4	
bis(2-Chloroisopropyl) ether	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	108-60-1	
2-Chloronaphthalene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	91-58-7	
2-Chlorophenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	95-57-8	
4-Chlorophenylphenyl ether	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	7005-72-3	
Chrysene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	218-01-9	
Dibenz(a,h)anthracene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	53-70-3	
Dibenzofuran	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	132-64-9	
3,3'-Dichlorobenzidine	<804	ug/kg	804	1	03/18/19 12:40	03/20/19 16:48	91-94-1	
2,4-Dichlorophenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	120-83-2	
Diethylphthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (1-2') Lab ID: 50218951055 Collected: 03/07/19 16:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	105-67-9	
Dimethylphthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	131-11-3	
Di-n-butylphthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	84-74-2	
4,6-Dinitro-2-methylphenol	<804	ug/kg	804	1	03/18/19 12:40	03/20/19 16:48	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	51-28-5	
2,4-Dinitrotoluene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	121-14-2	
2,6-Dinitrotoluene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	606-20-2	
Di-n-octylphthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	117-84-0	
bis(2-Ethylhexyl)phthalate	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	117-81-7	
Fluoranthene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	206-44-0	
Fluorene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	86-73-7	
Hexachlorobenzene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	118-74-1	
Hexachlorocyclopentadiene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	77-47-4	
Hexachloroethane	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	67-72-1	
Indeno(1,2,3-cd)pyrene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	193-39-5	
Isophorone	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	78-59-1	
2-Methylnaphthalene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	91-57-6	
2-Methylphenol(o-Cresol)	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	<804	ug/kg	804	1	03/18/19 12:40	03/20/19 16:48		
2-Nitroaniline	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	88-74-4	
3-Nitroaniline	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	99-09-2	
4-Nitroaniline	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	100-01-6	
Nitrobenzene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	98-95-3	
2-Nitrophenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	100-02-7	
N-Nitrosodimethylamine	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	62-75-9	
N-Nitroso-di-n-propylamine	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	621-64-7	
N-Nitrosodiphenylamine	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/20/19 16:48	87-86-5	
Phenanthrene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	85-01-8	
Phenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	108-95-2	
Pyrene	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	129-00-0	
Pyridine	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	110-86-1	
2,4,5-Trichlorophenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	95-95-4	
2,4,6-Trichlorophenol	<402	ug/kg	402	1	03/18/19 12:40	03/20/19 16:48	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%.	18-98	1	03/18/19 12:40	03/20/19 16:48	4165-60-0	
Phenol-d5 (S)	67	%.	18-108	1	03/18/19 12:40	03/20/19 16:48	4165-62-2	
2-Fluorophenol (S)	67	%.	16-104	1	03/18/19 12:40	03/20/19 16:48	367-12-4	
2,4,6-Tribromophenol (S)	57	%.	10-114	1	03/18/19 12:40	03/20/19 16:48	118-79-6	
2-Fluorobiphenyl (S)	66	%.	21-96	1	03/18/19 12:40	03/20/19 16:48	321-60-8	
p-Terphenyl-d14 (S)	93	%.	29-124	1	03/18/19 12:40	03/20/19 16:48	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1080	ug/kg	1080	1		03/19/19 08:51	67-64-1	
Acrylonitrile	<1080	ug/kg	1080	1		03/19/19 08:51	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (1-2') **Lab ID:** 50218951055 **Collected:** 03/07/19 16:50 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	71-43-2	
Bromobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	108-86-1	
Bromochloromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	74-97-5	
Bromodichloromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-27-4	
Bromoform	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-25-2	
Bromomethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	74-83-9	
2-Butanone (MEK)	<271	ug/kg	271	1		03/19/19 08:51	78-93-3	
tert-Butyl Alcohol	<542	ug/kg	542	1		03/19/19 08:51	75-65-0	L1
n-Butylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	104-51-8	
sec-Butylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	135-98-8	
tert-Butylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	98-06-6	
Carbon disulfide	<108	ug/kg	108	1		03/19/19 08:51	75-15-0	
Carbon tetrachloride	<54.2	ug/kg	54.2	1		03/19/19 08:51	56-23-5	
Chlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	108-90-7	
Chloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-00-3	
Chloroform	<54.2	ug/kg	54.2	1		03/19/19 08:51	67-66-3	
Chloromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	74-87-3	
2-Chlorotoluene	<54.2	ug/kg	54.2	1		03/19/19 08:51	95-49-8	
1,2-Dibromo-3-chloropropane	<108	ug/kg	108	1		03/19/19 08:51	96-12-8	
Dibromochloromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	124-48-1	
1,2-Dibromoethane (EDB)	<54.2	ug/kg	54.2	1		03/19/19 08:51	106-93-4	
Dibromomethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	74-95-3	
1,2-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	95-50-1	
1,3-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	541-73-1	
1,4-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	106-46-7	
trans-1,4-Dichloro-2-butene	<1080	ug/kg	1080	1		03/19/19 08:51	110-57-6	
Dichlorodifluoromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-71-8	
1,1-Dichloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-34-3	
1,2-Dichloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	107-06-2	
1,1-Dichloroethene	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-35-4	
cis-1,2-Dichloroethene	<54.2	ug/kg	54.2	1		03/19/19 08:51	156-59-2	
trans-1,2-Dichloroethene	<54.2	ug/kg	54.2	1		03/19/19 08:51	156-60-5	
1,2-Dichloropropane	<54.2	ug/kg	54.2	1		03/19/19 08:51	78-87-5	
cis-1,3-Dichloropropene	<54.2	ug/kg	54.2	1		03/19/19 08:51	10061-01-5	
trans-1,3-Dichloropropene	<54.2	ug/kg	54.2	1		03/19/19 08:51	10061-02-6	
Diethyl ether (Ethyl ether)	<54.2	ug/kg	54.2	1		03/19/19 08:51	60-29-7	
Ethylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	100-41-4	
2-Hexanone	<1080	ug/kg	1080	1		03/19/19 08:51	591-78-6	
Iodomethane	<1080	ug/kg	1080	1		03/19/19 08:51	74-88-4	
Isopropylbenzene (Cumene)	<54.2	ug/kg	54.2	1		03/19/19 08:51	98-82-8	
p-Isopropyltoluene	<54.2	ug/kg	54.2	1		03/19/19 08:51	99-87-6	
Methylene Chloride	<217	ug/kg	217	1		03/19/19 08:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	<271	ug/kg	271	1		03/19/19 08:51	108-10-1	
Methyl-tert-butyl ether	<54.2	ug/kg	54.2	1		03/19/19 08:51	1634-04-4	
Naphthalene	<54.2	ug/kg	54.2	1		03/19/19 08:51	91-20-3	
n-Propylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (1-2') Lab ID: 50218951055 Collected: 03/07/19 16:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.2	ug/kg	54.2	1		03/19/19 08:51	100-42-5	
1,1,1,2-Tetrachloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	630-20-6	
1,1,2,2-Tetrachloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	79-34-5	
Tetrachloroethene	<54.2	ug/kg	54.2	1		03/19/19 08:51	127-18-4	
Tetrahydrofuran	<1080	ug/kg	1080	1		03/19/19 08:51	109-99-9	
Toluene	<54.2	ug/kg	54.2	1		03/19/19 08:51	108-88-3	
1,2,3-Trichlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	87-61-6	
1,2,4-Trichlorobenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	120-82-1	
1,1,1-Trichloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	71-55-6	
1,1,2-Trichloroethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	79-00-5	
Trichloroethene	<54.2	ug/kg	54.2	1		03/19/19 08:51	79-01-6	
Trichlorofluoromethane	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-69-4	
1,2,3-Trichloropropane	<54.2	ug/kg	54.2	1		03/19/19 08:51	96-18-4	
1,2,3-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	526-73-8	N2
1,2,4-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	95-63-6	
1,3,5-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/19/19 08:51	108-67-8	
Vinyl chloride	<54.2	ug/kg	54.2	1		03/19/19 08:51	75-01-4	
Xylene (Total)	<108	ug/kg	108	1		03/19/19 08:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 08:51	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/19/19 08:51	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 08:51	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.5	%	0.10	1		03/18/19 10:27

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (4-5') Lab ID: 50218951056 Collected: 03/07/19 17:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	12800	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:37	7440-38-2	
Barium	135000	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:37	7440-39-3	
Cadmium	227	ug/kg	62.2	1	03/14/19 23:37	03/18/19 12:31	7440-43-9	
Chromium	29100	ug/kg	1240	5	03/14/19 23:37	03/20/19 05:37	7440-47-3	
Copper	19600	ug/kg	311	5	03/14/19 23:37	03/20/19 05:37	7440-50-8	
Lead	13000	ug/kg	124	1	03/14/19 23:37	03/18/19 12:31	7439-92-1	N2
Selenium	1420	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:37	7782-49-2	
Silver	88.9	ug/kg	62.2	1	03/14/19 23:37	03/18/19 12:31	7440-22-4	
Zinc	65000	ug/kg	3110	5	03/14/19 23:37	03/20/19 05:37	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<240	ug/kg	240	1	03/17/19 17:55	03/18/19 09:28	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	83-32-9	
Acenaphthylene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	208-96-8	
Aniline	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	62-53-3	
Anthracene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	120-12-7	
Atrazine	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	1912-24-9	N2
Azobenzene	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	103-33-3	N2
Benidine	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	92-87-5	
Benzo(a)anthracene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	56-55-3	
Benzo(a)pyrene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	50-32-8	
Benzo(b)fluoranthene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	205-99-2	
Benzo(g,h,i)perylene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	191-24-2	
Benzo(k)fluoranthene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	207-08-9	
Benzoic acid	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	65-85-0	
Benzyl alcohol	<843	ug/kg	843	1	03/18/19 12:40	03/20/19 17:04	100-51-6	
4-Bromophenylphenyl ether	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	101-55-3	
Butylbenzylphthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	85-68-7	
Caprolactam	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	105-60-2	N2
Carbazole	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	86-74-8	
4-Chloro-3-methylphenol	<843	ug/kg	843	1	03/18/19 12:40	03/20/19 17:04	59-50-7	
bis(2-Chloroethoxy)methane	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	111-91-1	
bis(2-Chloroethyl) ether	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	111-44-4	
bis(2-Chloroisopropyl) ether	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	108-60-1	
2-Chloronaphthalene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	91-58-7	
2-Chlorophenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	95-57-8	
4-Chlorophenylphenyl ether	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	7005-72-3	
Chrysene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	218-01-9	
Dibenz(a,h)anthracene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	53-70-3	
Dibenzofuran	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	132-64-9	
3,3'-Dichlorobenzidine	<843	ug/kg	843	1	03/18/19 12:40	03/20/19 17:04	91-94-1	
2,4-Dichlorophenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	120-83-2	
Diethylphthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (4-5') **Lab ID:** 50218951056 **Collected:** 03/07/19 17:00 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	105-67-9	
Dimethylphthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	131-11-3	
Di-n-butylphthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	84-74-2	
4,6-Dinitro-2-methylphenol	<843	ug/kg	843	1	03/18/19 12:40	03/20/19 17:04	534-52-1	
2,4-Dinitrophenol	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	51-28-5	
2,4-Dinitrotoluene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	121-14-2	
2,6-Dinitrotoluene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	606-20-2	
Di-n-octylphthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	117-84-0	
bis(2-Ethylhexyl)phthalate	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	117-81-7	
Fluoranthene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	206-44-0	
Fluorene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	86-73-7	
Hexachlorobenzene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	118-74-1	
Hexachlorocyclopentadiene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	77-47-4	
Hexachloroethane	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	67-72-1	
Indeno(1,2,3-cd)pyrene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	193-39-5	
Isophorone	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	78-59-1	
2-Methylnaphthalene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	91-57-6	
2-Methylphenol(o-Cresol)	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	<843	ug/kg	843	1	03/18/19 12:40	03/20/19 17:04		
2-Nitroaniline	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	88-74-4	
3-Nitroaniline	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	99-09-2	
4-Nitroaniline	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	100-01-6	
Nitrobenzene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	98-95-3	
2-Nitrophenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	88-75-5	
4-Nitrophenol	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	100-02-7	
N-Nitrosodimethylamine	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	62-75-9	
N-Nitroso-di-n-propylamine	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	621-64-7	
N-Nitrosodiphenylamine	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	86-30-6	
Pentachlorophenol	<2040	ug/kg	2040	1	03/18/19 12:40	03/20/19 17:04	87-86-5	
Phenanthrene	550	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	85-01-8	
Phenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	108-95-2	
Pyrene	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	129-00-0	
Pyridine	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	110-86-1	
2,4,5-Trichlorophenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	95-95-4	
2,4,6-Trichlorophenol	<421	ug/kg	421	1	03/18/19 12:40	03/20/19 17:04	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%.	18-98	1	03/18/19 12:40	03/20/19 17:04	4165-60-0	
Phenol-d5 (S)	75	%.	18-108	1	03/18/19 12:40	03/20/19 17:04	4165-62-2	
2-Fluorophenol (S)	73	%.	16-104	1	03/18/19 12:40	03/20/19 17:04	367-12-4	
2,4,6-Tribromophenol (S)	70	%.	10-114	1	03/18/19 12:40	03/20/19 17:04	118-79-6	
2-Fluorobiphenyl (S)	70	%.	21-96	1	03/18/19 12:40	03/20/19 17:04	321-60-8	
p-Terphenyl-d14 (S)	91	%.	29-124	1	03/18/19 12:40	03/20/19 17:04	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1140	ug/kg	1140	1	03/19/19 09:24	67-64-1
Acrylonitrile	<1140	ug/kg	1140	1	03/19/19 09:24	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (4-5') Lab ID: 50218951056 Collected: 03/07/19 17:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	71-43-2	
Bromobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	108-86-1	
Bromochloromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	74-97-5	
Bromodichloromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-27-4	
Bromoform	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-25-2	
Bromomethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	74-83-9	
2-Butanone (MEK)	<286	ug/kg	286	1		03/19/19 09:24	78-93-3	
tert-Butyl Alcohol	<571	ug/kg	571	1		03/19/19 09:24	75-65-0	L1
n-Butylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	104-51-8	
sec-Butylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	135-98-8	
tert-Butylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	98-06-6	
Carbon disulfide	<114	ug/kg	114	1		03/19/19 09:24	75-15-0	
Carbon tetrachloride	<57.1	ug/kg	57.1	1		03/19/19 09:24	56-23-5	
Chlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	108-90-7	
Chloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-00-3	
Chloroform	<57.1	ug/kg	57.1	1		03/19/19 09:24	67-66-3	
Chloromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	74-87-3	
2-Chlorotoluene	<57.1	ug/kg	57.1	1		03/19/19 09:24	95-49-8	
1,2-Dibromo-3-chloropropane	<114	ug/kg	114	1		03/19/19 09:24	96-12-8	
Dibromochloromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	124-48-1	
1,2-Dibromoethane (EDB)	<57.1	ug/kg	57.1	1		03/19/19 09:24	106-93-4	
Dibromomethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	74-95-3	
1,2-Dichlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	95-50-1	
1,3-Dichlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	541-73-1	
1,4-Dichlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	106-46-7	
trans-1,4-Dichloro-2-butene	<1140	ug/kg	1140	1		03/19/19 09:24	110-57-6	
Dichlorodifluoromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-71-8	
1,1-Dichloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-34-3	
1,2-Dichloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	107-06-2	
1,1-Dichloroethene	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-35-4	
cis-1,2-Dichloroethene	<57.1	ug/kg	57.1	1		03/19/19 09:24	156-59-2	
trans-1,2-Dichloroethene	<57.1	ug/kg	57.1	1		03/19/19 09:24	156-60-5	
1,2-Dichloropropane	<57.1	ug/kg	57.1	1		03/19/19 09:24	78-87-5	
cis-1,3-Dichloropropene	<57.1	ug/kg	57.1	1		03/19/19 09:24	10061-01-5	
trans-1,3-Dichloropropene	<57.1	ug/kg	57.1	1		03/19/19 09:24	10061-02-6	
Diethyl ether (Ethyl ether)	<57.1	ug/kg	57.1	1		03/19/19 09:24	60-29-7	
Ethylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	100-41-4	
2-Hexanone	<1140	ug/kg	1140	1		03/19/19 09:24	591-78-6	
Iodomethane	<1140	ug/kg	1140	1		03/19/19 09:24	74-88-4	
Isopropylbenzene (Cumene)	<57.1	ug/kg	57.1	1		03/19/19 09:24	98-82-8	
p-Isopropyltoluene	<57.1	ug/kg	57.1	1		03/19/19 09:24	99-87-6	
Methylene Chloride	<228	ug/kg	228	1		03/19/19 09:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	<286	ug/kg	286	1		03/19/19 09:24	108-10-1	
Methyl-tert-butyl ether	<57.1	ug/kg	57.1	1		03/19/19 09:24	1634-04-4	
Naphthalene	<57.1	ug/kg	57.1	1		03/19/19 09:24	91-20-3	
n-Propylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-29 (4-5') Lab ID: 50218951056 Collected: 03/07/19 17:00 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<57.1	ug/kg	57.1	1		03/19/19 09:24	100-42-5	
1,1,1,2-Tetrachloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	630-20-6	
1,1,2,2-Tetrachloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	79-34-5	
Tetrachloroethene	<57.1	ug/kg	57.1	1		03/19/19 09:24	127-18-4	
Tetrahydrofuran	<1140	ug/kg	1140	1		03/19/19 09:24	109-99-9	
Toluene	<57.1	ug/kg	57.1	1		03/19/19 09:24	108-88-3	
1,2,3-Trichlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	87-61-6	
1,2,4-Trichlorobenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	120-82-1	
1,1,1-Trichloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	71-55-6	
1,1,2-Trichloroethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	79-00-5	
Trichloroethene	<57.1	ug/kg	57.1	1		03/19/19 09:24	79-01-6	
Trichlorofluoromethane	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-69-4	
1,2,3-Trichloropropane	<57.1	ug/kg	57.1	1		03/19/19 09:24	96-18-4	
1,2,3-Trimethylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	526-73-8	N2
1,2,4-Trimethylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	95-63-6	
1,3,5-Trimethylbenzene	<57.1	ug/kg	57.1	1		03/19/19 09:24	108-67-8	
Vinyl chloride	<57.1	ug/kg	57.1	1		03/19/19 09:24	75-01-4	
Xylene (Total)	<114	ug/kg	114	1		03/19/19 09:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 09:24	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 09:24	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 09:24	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	21.7	%	0.10	1		03/18/19 10:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (1-2') Lab ID: 50218951057 Collected: 03/07/19 17:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5810	ug/kg	1140	10	03/14/19 23:37	03/20/19 06:41	7440-38-2	
Barium	228000	ug/kg	11400	100	03/14/19 23:37	03/19/19 16:36	7440-39-3	
Cadmium	7770	ug/kg	56.9	1	03/14/19 23:37	03/18/19 12:36	7440-43-9	
Chromium	21800	ug/kg	1140	5	03/14/19 23:37	03/20/19 05:42	7440-47-3	
Copper	1190000	ug/kg	5690	100	03/14/19 23:37	03/19/19 16:36	7440-50-8	
Lead	1870000	ug/kg	11400	100	03/14/19 23:37	03/19/19 16:36	7439-92-1	N2
Selenium	<1140	ug/kg	1140	10	03/14/19 23:37	03/20/19 06:41	7782-49-2	D3
Silver	524	ug/kg	56.9	1	03/14/19 23:37	03/18/19 12:36	7440-22-4	
Zinc	512000	ug/kg	56900	100	03/14/19 23:37	03/19/19 16:36	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<237	ug/kg	237	1	03/17/19 17:55	03/18/19 09:30	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	83-32-9	
Acenaphthylene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	208-96-8	
Aniline	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	62-53-3	
Anthracene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	120-12-7	
Atrazine	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	1912-24-9	N2
Azobenzene	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	103-33-3	N2
Benidone	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	92-87-5	
Benzo(a)anthracene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	56-55-3	
Benzo(a)pyrene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	50-32-8	
Benzo(b)fluoranthene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	205-99-2	
Benzo(g,h,i)perylene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	191-24-2	
Benzo(k)fluoranthene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	207-08-9	
Benzoic acid	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	65-85-0	
Benzyl alcohol	<750	ug/kg	750	1	03/18/19 12:40	03/20/19 17:20	100-51-6	
4-Bromophenylphenyl ether	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	101-55-3	
Butylbenzylphthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	85-68-7	
Caprolactam	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	105-60-2	N2
Carbazole	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	86-74-8	
4-Chloro-3-methylphenol	<750	ug/kg	750	1	03/18/19 12:40	03/20/19 17:20	59-50-7	
bis(2-Chloroethoxy)methane	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	111-91-1	
bis(2-Chloroethyl) ether	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	111-44-4	
bis(2-Chloroisopropyl) ether	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	108-60-1	
2-Chloronaphthalene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	91-58-7	
2-Chlorophenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	95-57-8	
4-Chlorophenylphenyl ether	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	7005-72-3	
Chrysene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	218-01-9	
Dibenz(a,h)anthracene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	53-70-3	
Dibenzofuran	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	132-64-9	
3,3'-Dichlorobenzidine	<750	ug/kg	750	1	03/18/19 12:40	03/20/19 17:20	91-94-1	
2,4-Dichlorophenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	120-83-2	
Diethylphthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (1-2') Lab ID: 50218951057 Collected: 03/07/19 17:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	105-67-9	
Dimethylphthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	131-11-3	
Di-n-butylphthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	84-74-2	
4,6-Dinitro-2-methylphenol	<750	ug/kg	750	1	03/18/19 12:40	03/20/19 17:20	534-52-1	
2,4-Dinitrophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	51-28-5	
2,4-Dinitrotoluene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	121-14-2	
2,6-Dinitrotoluene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	606-20-2	
Di-n-octylphthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	117-84-0	
bis(2-Ethylhexyl)phthalate	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	117-81-7	
Fluoranthene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	206-44-0	
Fluorene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	86-73-7	
Hexachlorobenzene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	118-74-1	
Hexachlorocyclopentadiene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	77-47-4	
Hexachloroethane	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	67-72-1	
Indeno(1,2,3-cd)pyrene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	193-39-5	
Isophorone	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	78-59-1	
2-Methylnaphthalene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	91-57-6	
2-Methylphenol(o-Cresol)	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	<750	ug/kg	750	1	03/18/19 12:40	03/20/19 17:20		
2-Nitroaniline	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	88-74-4	
3-Nitroaniline	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	99-09-2	
4-Nitroaniline	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	100-01-6	
Nitrobenzene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	98-95-3	
2-Nitrophenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	88-75-5	
4-Nitrophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	100-02-7	
N-Nitrosodimethylamine	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	62-75-9	
N-Nitroso-di-n-propylamine	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	621-64-7	
N-Nitrosodiphenylamine	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	86-30-6	
Pentachlorophenol	<1820	ug/kg	1820	1	03/18/19 12:40	03/20/19 17:20	87-86-5	
Phenanthrene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	85-01-8	
Phenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	108-95-2	
Pyrene	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	129-00-0	
Pyridine	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	110-86-1	
2,4,5-Trichlorophenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	95-95-4	
2,4,6-Trichlorophenol	<375	ug/kg	375	1	03/18/19 12:40	03/20/19 17:20	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%.	18-98	1	03/18/19 12:40	03/20/19 17:20	4165-60-0	
Phenol-d5 (S)	68	%.	18-108	1	03/18/19 12:40	03/20/19 17:20	4165-62-2	
2-Fluorophenol (S)	66	%.	16-104	1	03/18/19 12:40	03/20/19 17:20	367-12-4	
2,4,6-Tribromophenol (S)	65	%.	10-114	1	03/18/19 12:40	03/20/19 17:20	118-79-6	
2-Fluorobiphenyl (S)	60	%.	21-96	1	03/18/19 12:40	03/20/19 17:20	321-60-8	
p-Terphenyl-d14 (S)	81	%.	29-124	1	03/18/19 12:40	03/20/19 17:20	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1150	ug/kg	1150	1	03/19/19 09:56	67-64-1
Acrylonitrile	<1150	ug/kg	1150	1	03/19/19 09:56	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (1-2') Lab ID: 50218951057 Collected: 03/07/19 17:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	71-43-2	
Bromobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	108-86-1	
Bromochloromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	74-97-5	
Bromodichloromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-27-4	
Bromoform	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-25-2	
Bromomethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	74-83-9	
2-Butanone (MEK)	<289	ug/kg	289	1		03/19/19 09:56	78-93-3	
tert-Butyl Alcohol	<577	ug/kg	577	1		03/19/19 09:56	75-65-0	L1
n-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	104-51-8	
sec-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	135-98-8	
tert-Butylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	98-06-6	
Carbon disulfide	<115	ug/kg	115	1		03/19/19 09:56	75-15-0	
Carbon tetrachloride	<57.7	ug/kg	57.7	1		03/19/19 09:56	56-23-5	
Chlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	108-90-7	
Chloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-00-3	
Chloroform	<57.7	ug/kg	57.7	1		03/19/19 09:56	67-66-3	
Chloromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	74-87-3	
2-Chlorotoluene	<57.7	ug/kg	57.7	1		03/19/19 09:56	95-49-8	
1,2-Dibromo-3-chloropropane	<115	ug/kg	115	1		03/19/19 09:56	96-12-8	
Dibromochloromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	124-48-1	
1,2-Dibromoethane (EDB)	<57.7	ug/kg	57.7	1		03/19/19 09:56	106-93-4	
Dibromomethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	74-95-3	
1,2-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	95-50-1	
1,3-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	541-73-1	
1,4-Dichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	106-46-7	
trans-1,4-Dichloro-2-butene	<1150	ug/kg	1150	1		03/19/19 09:56	110-57-6	
Dichlorodifluoromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-71-8	
1,1-Dichloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-34-3	
1,2-Dichloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	107-06-2	
1,1-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-35-4	
cis-1,2-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 09:56	156-59-2	
trans-1,2-Dichloroethene	<57.7	ug/kg	57.7	1		03/19/19 09:56	156-60-5	
1,2-Dichloropropane	<57.7	ug/kg	57.7	1		03/19/19 09:56	78-87-5	
cis-1,3-Dichloropropene	<57.7	ug/kg	57.7	1		03/19/19 09:56	10061-01-5	
trans-1,3-Dichloropropene	<57.7	ug/kg	57.7	1		03/19/19 09:56	10061-02-6	
Diethyl ether (Ethyl ether)	<57.7	ug/kg	57.7	1		03/19/19 09:56	60-29-7	
Ethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	100-41-4	
2-Hexanone	<1150	ug/kg	1150	1		03/19/19 09:56	591-78-6	
Iodomethane	<1150	ug/kg	1150	1		03/19/19 09:56	74-88-4	
Isopropylbenzene (Cumene)	<57.7	ug/kg	57.7	1		03/19/19 09:56	98-82-8	
p-Isopropyltoluene	<57.7	ug/kg	57.7	1		03/19/19 09:56	99-87-6	
Methylene Chloride	<231	ug/kg	231	1		03/19/19 09:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<289	ug/kg	289	1		03/19/19 09:56	108-10-1	
Methyl-tert-butyl ether	<57.7	ug/kg	57.7	1		03/19/19 09:56	1634-04-4	
Naphthalene	<57.7	ug/kg	57.7	1		03/19/19 09:56	91-20-3	
n-Propylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (1-2') Lab ID: 50218951057 Collected: 03/07/19 17:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<57.7	ug/kg	57.7	1		03/19/19 09:56	100-42-5	
1,1,1,2-Tetrachloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	630-20-6	
1,1,2,2-Tetrachloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	79-34-5	
Tetrachloroethene	<57.7	ug/kg	57.7	1		03/19/19 09:56	127-18-4	
Tetrahydrofuran	<1150	ug/kg	1150	1		03/19/19 09:56	109-99-9	
Toluene	<57.7	ug/kg	57.7	1		03/19/19 09:56	108-88-3	
1,2,3-Trichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	87-61-6	
1,2,4-Trichlorobenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	120-82-1	
1,1,1-Trichloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	71-55-6	
1,1,2-Trichloroethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	79-00-5	
Trichloroethene	<57.7	ug/kg	57.7	1		03/19/19 09:56	79-01-6	
Trichlorofluoromethane	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-69-4	
1,2,3-Trichloropropane	<57.7	ug/kg	57.7	1		03/19/19 09:56	96-18-4	
1,2,3-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	526-73-8	N2
1,2,4-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	95-63-6	
1,3,5-Trimethylbenzene	<57.7	ug/kg	57.7	1		03/19/19 09:56	108-67-8	
Vinyl chloride	<57.7	ug/kg	57.7	1		03/19/19 09:56	75-01-4	
Xylene (Total)	<115	ug/kg	115	1		03/19/19 09:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	85-118	1		03/19/19 09:56	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 09:56	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 09:56	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	12.6	%	0.10	1		03/18/19 10:28

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (4-5') Lab ID: 50218951058 Collected: 03/07/19 17:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	2480	ug/kg	550	5	03/14/19 23:37	03/20/19 05:46	7440-38-2	
Barium	29800	ug/kg	550	5	03/14/19 23:37	03/20/19 05:46	7440-39-3	
Cadmium	80.4	ug/kg	55.0	1	03/14/19 23:37	03/18/19 12:45	7440-43-9	
Chromium	6960	ug/kg	220	1	03/14/19 23:37	03/18/19 12:45	7440-47-3	
Copper	2730	ug/kg	55.0	1	03/14/19 23:37	03/18/19 12:45	7440-50-8	
Lead	5030	ug/kg	110	1	03/14/19 23:37	03/18/19 12:45	7439-92-1	N2
Selenium	665	ug/kg	550	5	03/14/19 23:37	03/20/19 05:46	7782-49-2	
Silver	<55.0	ug/kg	55.0	1	03/14/19 23:37	03/18/19 12:45	7440-22-4	
Zinc	16100	ug/kg	550	1	03/14/19 23:37	03/18/19 12:45	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<231	ug/kg	231	1	03/17/19 17:55	03/18/19 09:33	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	83-32-9	
Acenaphthylene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	208-96-8	
Aniline	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	62-53-3	
Anthracene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	120-12-7	
Atrazine	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	1912-24-9	N2
Azobenzene	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	103-33-3	N2
Benidine	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	92-87-5	
Benzo(a)anthracene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	56-55-3	
Benzo(a)pyrene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	50-32-8	
Benzo(b)fluoranthene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	205-99-2	
Benzo(g,h,i)perylene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	191-24-2	
Benzo(k)fluoranthene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	207-08-9	
Benzoic acid	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	65-85-0	
Benzyl alcohol	<739	ug/kg	739	1	03/18/19 12:40	03/20/19 17:36	100-51-6	
4-Bromophenylphenyl ether	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	101-55-3	
Butylbenzylphthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	85-68-7	
Caprolactam	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	105-60-2	N2
Carbazole	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	86-74-8	
4-Chloro-3-methylphenol	<739	ug/kg	739	1	03/18/19 12:40	03/20/19 17:36	59-50-7	
bis(2-Chloroethoxy)methane	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	111-91-1	
bis(2-Chloroethyl) ether	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	111-44-4	
bis(2-Chloroisopropyl) ether	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	108-60-1	
2-Chloronaphthalene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	91-58-7	
2-Chlorophenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	95-57-8	
4-Chlorophenylphenyl ether	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	7005-72-3	
Chrysene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	218-01-9	
Dibenz(a,h)anthracene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	53-70-3	
Dibenzofuran	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	132-64-9	
3,3'-Dichlorobenzidine	<739	ug/kg	739	1	03/18/19 12:40	03/20/19 17:36	91-94-1	
2,4-Dichlorophenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	120-83-2	
Diethylphthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (4-5') **Lab ID:** 50218951058 **Collected:** 03/07/19 17:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	105-67-9	
Dimethylphthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	131-11-3	
Di-n-butylphthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	84-74-2	
4,6-Dinitro-2-methylphenol	<739	ug/kg	739	1	03/18/19 12:40	03/20/19 17:36	534-52-1	
2,4-Dinitrophenol	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	51-28-5	
2,4-Dinitrotoluene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	121-14-2	
2,6-Dinitrotoluene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	606-20-2	
Di-n-octylphthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	117-84-0	
bis(2-Ethylhexyl)phthalate	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	117-81-7	
Fluoranthene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	206-44-0	
Fluorene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	86-73-7	
Hexachlorobenzene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	118-74-1	
Hexachlorocyclopentadiene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	77-47-4	
Hexachloroethane	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	67-72-1	
Indeno(1,2,3-cd)pyrene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	193-39-5	
Isophorone	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	78-59-1	
2-Methylnaphthalene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	91-57-6	
2-Methylphenol(o-Cresol)	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	<739	ug/kg	739	1	03/18/19 12:40	03/20/19 17:36		
2-Nitroaniline	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	88-74-4	
3-Nitroaniline	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	99-09-2	
4-Nitroaniline	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	100-01-6	
Nitrobenzene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	98-95-3	
2-Nitrophenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	88-75-5	
4-Nitrophenol	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	100-02-7	
N-Nitrosodimethylamine	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	62-75-9	
N-Nitroso-di-n-propylamine	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	621-64-7	
N-Nitrosodiphenylamine	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	86-30-6	
Pentachlorophenol	<1790	ug/kg	1790	1	03/18/19 12:40	03/20/19 17:36	87-86-5	
Phenanthrene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	85-01-8	
Phenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	108-95-2	
Pyrene	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	129-00-0	
Pyridine	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	110-86-1	
2,4,5-Trichlorophenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	95-95-4	
2,4,6-Trichlorophenol	<370	ug/kg	370	1	03/18/19 12:40	03/20/19 17:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%.	18-98	1	03/18/19 12:40	03/20/19 17:36	4165-60-0	
Phenol-d5 (S)	86	%.	18-108	1	03/18/19 12:40	03/20/19 17:36	4165-62-2	
2-Fluorophenol (S)	86	%.	16-104	1	03/18/19 12:40	03/20/19 17:36	367-12-4	
2,4,6-Tribromophenol (S)	84	%.	10-114	1	03/18/19 12:40	03/20/19 17:36	118-79-6	
2-Fluorobiphenyl (S)	75	%.	21-96	1	03/18/19 12:40	03/20/19 17:36	321-60-8	
p-Terphenyl-d14 (S)	95	%.	29-124	1	03/18/19 12:40	03/20/19 17:36	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<954	ug/kg	954	1	03/19/19 10:29	67-64-1
Acrylonitrile	<954	ug/kg	954	1	03/19/19 10:29	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (4-5') **Lab ID:** 50218951058 **Collected:** 03/07/19 17:20 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	71-43-2	
Bromobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	108-86-1	
Bromochloromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	74-97-5	
Bromodichloromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-27-4	
Bromoform	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-25-2	
Bromomethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	74-83-9	
2-Butanone (MEK)	<239	ug/kg	239	1		03/19/19 10:29	78-93-3	
tert-Butyl Alcohol	<477	ug/kg	477	1		03/19/19 10:29	75-65-0	L1
n-Butylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	104-51-8	
sec-Butylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	135-98-8	
tert-Butylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	98-06-6	
Carbon disulfide	<95.4	ug/kg	95.4	1		03/19/19 10:29	75-15-0	
Carbon tetrachloride	<47.7	ug/kg	47.7	1		03/19/19 10:29	56-23-5	
Chlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	108-90-7	
Chloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-00-3	
Chloroform	<47.7	ug/kg	47.7	1		03/19/19 10:29	67-66-3	
Chloromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	74-87-3	
2-Chlorotoluene	<47.7	ug/kg	47.7	1		03/19/19 10:29	95-49-8	
1,2-Dibromo-3-chloropropane	<95.4	ug/kg	95.4	1		03/19/19 10:29	96-12-8	
Dibromochloromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	124-48-1	
1,2-Dibromoethane (EDB)	<47.7	ug/kg	47.7	1		03/19/19 10:29	106-93-4	
Dibromomethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	74-95-3	
1,2-Dichlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	95-50-1	
1,3-Dichlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	541-73-1	
1,4-Dichlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	106-46-7	
trans-1,4-Dichloro-2-butene	<954	ug/kg	954	1		03/19/19 10:29	110-57-6	
Dichlorodifluoromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-71-8	
1,1-Dichloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-34-3	
1,2-Dichloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	107-06-2	
1,1-Dichloroethene	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-35-4	
cis-1,2-Dichloroethene	<47.7	ug/kg	47.7	1		03/19/19 10:29	156-59-2	
trans-1,2-Dichloroethene	<47.7	ug/kg	47.7	1		03/19/19 10:29	156-60-5	
1,2-Dichloropropane	<47.7	ug/kg	47.7	1		03/19/19 10:29	78-87-5	
cis-1,3-Dichloropropene	<47.7	ug/kg	47.7	1		03/19/19 10:29	10061-01-5	
trans-1,3-Dichloropropene	<47.7	ug/kg	47.7	1		03/19/19 10:29	10061-02-6	
Diethyl ether (Ethyl ether)	<47.7	ug/kg	47.7	1		03/19/19 10:29	60-29-7	
Ethylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	100-41-4	
2-Hexanone	<954	ug/kg	954	1		03/19/19 10:29	591-78-6	
Iodomethane	<954	ug/kg	954	1		03/19/19 10:29	74-88-4	
Isopropylbenzene (Cumene)	<47.7	ug/kg	47.7	1		03/19/19 10:29	98-82-8	
p-Isopropyltoluene	<47.7	ug/kg	47.7	1		03/19/19 10:29	99-87-6	
Methylene Chloride	<191	ug/kg	191	1		03/19/19 10:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	<239	ug/kg	239	1		03/19/19 10:29	108-10-1	
Methyl-tert-butyl ether	<47.7	ug/kg	47.7	1		03/19/19 10:29	1634-04-4	
Naphthalene	<47.7	ug/kg	47.7	1		03/19/19 10:29	91-20-3	
n-Propylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-30 (4-5') Lab ID: 50218951058 Collected: 03/07/19 17:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<47.7	ug/kg	47.7	1		03/19/19 10:29	100-42-5	
1,1,1,2-Tetrachloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	630-20-6	
1,1,2,2-Tetrachloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	79-34-5	
Tetrachloroethene	<47.7	ug/kg	47.7	1		03/19/19 10:29	127-18-4	
Tetrahydrofuran	<954	ug/kg	954	1		03/19/19 10:29	109-99-9	
Toluene	<47.7	ug/kg	47.7	1		03/19/19 10:29	108-88-3	
1,2,3-Trichlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	87-61-6	
1,2,4-Trichlorobenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	120-82-1	
1,1,1-Trichloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	71-55-6	
1,1,2-Trichloroethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	79-00-5	
Trichloroethene	<47.7	ug/kg	47.7	1		03/19/19 10:29	79-01-6	
Trichlorofluoromethane	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-69-4	
1,2,3-Trichloropropane	<47.7	ug/kg	47.7	1		03/19/19 10:29	96-18-4	
1,2,3-Trimethylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	526-73-8	N2
1,2,4-Trimethylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	95-63-6	
1,3,5-Trimethylbenzene	<47.7	ug/kg	47.7	1		03/19/19 10:29	108-67-8	
Vinyl chloride	<47.7	ug/kg	47.7	1		03/19/19 10:29	75-01-4	
Xylene (Total)	<95.4	ug/kg	95.4	1		03/19/19 10:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	85-118	1		03/19/19 10:29	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 10:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 10:29	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	11.6	%	0.10	1		03/18/19 10:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (3-4) **Lab ID: 50218951059** Collected: 03/08/19 08:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	11100	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:41	7440-38-2	
Barium	137000	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:41	7440-39-3	
Cadmium	257	ug/kg	62.0	1	03/14/19 23:37	03/18/19 12:59	7440-43-9	
Chromium	25000	ug/kg	1240	5	03/14/19 23:37	03/20/19 05:51	7440-47-3	
Copper	25000	ug/kg	310	5	03/14/19 23:37	03/20/19 05:51	7440-50-8	
Lead	16300	ug/kg	124	1	03/14/19 23:37	03/18/19 12:59	7439-92-1	N2
Selenium	1470	ug/kg	1240	10	03/14/19 23:37	03/20/19 04:41	7782-49-2	
Silver	66.1	ug/kg	62.0	1	03/14/19 23:37	03/18/19 12:59	7440-22-4	
Zinc	60800	ug/kg	3100	5	03/14/19 23:37	03/20/19 05:51	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<254	ug/kg	254	1	03/17/19 17:55	03/18/19 09:35	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	83-32-9	
Acenaphthylene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	208-96-8	
Aniline	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	62-53-3	
Anthracene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	120-12-7	
Atrazine	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	1912-24-9	N2
Azobenzene	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	103-33-3	N2
Benidine	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	92-87-5	
Benzo(a)anthracene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	56-55-3	
Benzo(a)pyrene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	50-32-8	
Benzo(b)fluoranthene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	205-99-2	
Benzo(g,h,i)perylene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	191-24-2	
Benzo(k)fluoranthene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	207-08-9	
Benzoic acid	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	65-85-0	
Benzyl alcohol	<809	ug/kg	809	1	03/18/19 12:40	03/20/19 17:52	100-51-6	
4-Bromophenylphenyl ether	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	101-55-3	
Butylbenzylphthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	85-68-7	
Caprolactam	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	105-60-2	N2
Carbazole	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	86-74-8	
4-Chloro-3-methylphenol	<809	ug/kg	809	1	03/18/19 12:40	03/20/19 17:52	59-50-7	
bis(2-Chloroethoxy)methane	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	111-91-1	
bis(2-Chloroethyl) ether	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	111-44-4	
bis(2-Chloroisopropyl) ether	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	108-60-1	
2-Chloronaphthalene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	91-58-7	
2-Chlorophenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	95-57-8	
4-Chlorophenylphenyl ether	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	7005-72-3	
Chrysene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	218-01-9	
Dibenz(a,h)anthracene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	53-70-3	
Dibenzofuran	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	132-64-9	
3,3'-Dichlorobenzidine	<809	ug/kg	809	1	03/18/19 12:40	03/20/19 17:52	91-94-1	
2,4-Dichlorophenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	120-83-2	
Diethylphthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (3-4') Lab ID: 50218951059 Collected: 03/08/19 08:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	105-67-9	
Dimethylphthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	131-11-3	
Di-n-butylphthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	84-74-2	
4,6-Dinitro-2-methylphenol	<809	ug/kg	809	1	03/18/19 12:40	03/20/19 17:52	534-52-1	
2,4-Dinitrophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	51-28-5	
2,4-Dinitrotoluene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	121-14-2	
2,6-Dinitrotoluene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	606-20-2	
Di-n-octylphthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	117-84-0	
bis(2-Ethylhexyl)phthalate	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	117-81-7	
Fluoranthene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	206-44-0	
Fluorene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	86-73-7	
Hexachlorobenzene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	118-74-1	
Hexachlorocyclopentadiene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	77-47-4	
Hexachloroethane	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	67-72-1	
Indeno(1,2,3-cd)pyrene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	193-39-5	
Isophorone	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	78-59-1	
2-Methylnaphthalene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	91-57-6	
2-Methylphenol(o-Cresol)	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	<809	ug/kg	809	1	03/18/19 12:40	03/20/19 17:52		
2-Nitroaniline	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	88-74-4	
3-Nitroaniline	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	99-09-2	
4-Nitroaniline	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	100-01-6	
Nitrobenzene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	98-95-3	
2-Nitrophenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	88-75-5	
4-Nitrophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	100-02-7	
N-Nitrosodimethylamine	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	62-75-9	
N-Nitroso-di-n-propylamine	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	621-64-7	
N-Nitrosodiphenylamine	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	86-30-6	
Pentachlorophenol	<1960	ug/kg	1960	1	03/18/19 12:40	03/20/19 17:52	87-86-5	
Phenanthrene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	85-01-8	
Phenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	108-95-2	
Pyrene	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	129-00-0	
Pyridine	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	110-86-1	
2,4,5-Trichlorophenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	95-95-4	
2,4,6-Trichlorophenol	<405	ug/kg	405	1	03/18/19 12:40	03/20/19 17:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%.	18-98	1	03/18/19 12:40	03/20/19 17:52	4165-60-0	
Phenol-d5 (S)	86	%.	18-108	1	03/18/19 12:40	03/20/19 17:52	4165-62-2	
2-Fluorophenol (S)	84	%.	16-104	1	03/18/19 12:40	03/20/19 17:52	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	10-114	1	03/18/19 12:40	03/20/19 17:52	118-79-6	
2-Fluorobiphenyl (S)	74	%.	21-96	1	03/18/19 12:40	03/20/19 17:52	321-60-8	
p-Terphenyl-d14 (S)	94	%.	29-124	1	03/18/19 12:40	03/20/19 17:52	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1030	ug/kg	1030	1		03/19/19 11:01	67-64-1	
Acrylonitrile	<1030	ug/kg	1030	1		03/19/19 11:01	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (3-4') **Lab ID:** 50218951059 **Collected:** 03/08/19 08:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	71-43-2	
Bromobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	108-86-1	
Bromochloromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	74-97-5	
Bromodichloromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-27-4	
Bromoform	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-25-2	
Bromomethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	74-83-9	
2-Butanone (MEK)	<258	ug/kg	258	1		03/19/19 11:01	78-93-3	
tert-Butyl Alcohol	<515	ug/kg	515	1		03/19/19 11:01	75-65-0	L1
n-Butylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	104-51-8	
sec-Butylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	135-98-8	
tert-Butylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	98-06-6	
Carbon disulfide	<103	ug/kg	103	1		03/19/19 11:01	75-15-0	
Carbon tetrachloride	<51.5	ug/kg	51.5	1		03/19/19 11:01	56-23-5	
Chlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	108-90-7	
Chloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-00-3	
Chloroform	<51.5	ug/kg	51.5	1		03/19/19 11:01	67-66-3	
Chloromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	74-87-3	
2-Chlorotoluene	<51.5	ug/kg	51.5	1		03/19/19 11:01	95-49-8	
1,2-Dibromo-3-chloropropane	<103	ug/kg	103	1		03/19/19 11:01	96-12-8	
Dibromochloromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	124-48-1	
1,2-Dibromoethane (EDB)	<51.5	ug/kg	51.5	1		03/19/19 11:01	106-93-4	
Dibromomethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	74-95-3	
1,2-Dichlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	95-50-1	
1,3-Dichlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	541-73-1	
1,4-Dichlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	106-46-7	
trans-1,4-Dichloro-2-butene	<1030	ug/kg	1030	1		03/19/19 11:01	110-57-6	
Dichlorodifluoromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-71-8	
1,1-Dichloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-34-3	
1,2-Dichloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	107-06-2	
1,1-Dichloroethene	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-35-4	
cis-1,2-Dichloroethene	<51.5	ug/kg	51.5	1		03/19/19 11:01	156-59-2	
trans-1,2-Dichloroethene	<51.5	ug/kg	51.5	1		03/19/19 11:01	156-60-5	
1,2-Dichloropropane	<51.5	ug/kg	51.5	1		03/19/19 11:01	78-87-5	
cis-1,3-Dichloropropene	<51.5	ug/kg	51.5	1		03/19/19 11:01	10061-01-5	
trans-1,3-Dichloropropene	<51.5	ug/kg	51.5	1		03/19/19 11:01	10061-02-6	
Diethyl ether (Ethyl ether)	<51.5	ug/kg	51.5	1		03/19/19 11:01	60-29-7	
Ethylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	100-41-4	
2-Hexanone	<1030	ug/kg	1030	1		03/19/19 11:01	591-78-6	
Iodomethane	<1030	ug/kg	1030	1		03/19/19 11:01	74-88-4	
Isopropylbenzene (Cumene)	<51.5	ug/kg	51.5	1		03/19/19 11:01	98-82-8	
p-Isopropyltoluene	<51.5	ug/kg	51.5	1		03/19/19 11:01	99-87-6	
Methylene Chloride	<206	ug/kg	206	1		03/19/19 11:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	<258	ug/kg	258	1		03/19/19 11:01	108-10-1	
Methyl-tert-butyl ether	<51.5	ug/kg	51.5	1		03/19/19 11:01	1634-04-4	
Naphthalene	<51.5	ug/kg	51.5	1		03/19/19 11:01	91-20-3	
n-Propylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (3-4') Lab ID: 50218951059 Collected: 03/08/19 08:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<51.5	ug/kg	51.5	1		03/19/19 11:01	100-42-5	
1,1,1,2-Tetrachloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	630-20-6	
1,1,2,2-Tetrachloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	79-34-5	
Tetrachloroethene	<51.5	ug/kg	51.5	1		03/19/19 11:01	127-18-4	
Tetrahydrofuran	<1030	ug/kg	1030	1		03/19/19 11:01	109-99-9	
Toluene	<51.5	ug/kg	51.5	1		03/19/19 11:01	108-88-3	
1,2,3-Trichlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	87-61-6	
1,2,4-Trichlorobenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	120-82-1	
1,1,1-Trichloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	71-55-6	
1,1,2-Trichloroethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	79-00-5	
Trichloroethene	<51.5	ug/kg	51.5	1		03/19/19 11:01	79-01-6	
Trichlorofluoromethane	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-69-4	
1,2,3-Trichloropropane	<51.5	ug/kg	51.5	1		03/19/19 11:01	96-18-4	
1,2,3-Trimethylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	526-73-8	N2
1,2,4-Trimethylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	95-63-6	
1,3,5-Trimethylbenzene	<51.5	ug/kg	51.5	1		03/19/19 11:01	108-67-8	
Vinyl chloride	<51.5	ug/kg	51.5	1		03/19/19 11:01	75-01-4	
Xylene (Total)	<103	ug/kg	103	1		03/19/19 11:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 11:01	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 11:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 11:01	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.5	%	0.10	1		03/18/19 10:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (6-7') Lab ID: 50218951060 Collected: 03/08/19 08:45 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	9720	ug/kg	1210	10	03/14/19 23:37	03/20/19 05:14	7440-38-2	
Barium	79900	ug/kg	603	5	03/14/19 23:37	03/20/19 04:46	7440-39-3	
Cadmium	195	ug/kg	60.3	1	03/14/19 23:37	03/18/19 13:03	7440-43-9	
Chromium	17200	ug/kg	1210	5	03/14/19 23:37	03/20/19 04:46	7440-47-3	
Copper	18800	ug/kg	301	5	03/14/19 23:37	03/20/19 04:46	7440-50-8	
Lead	11500	ug/kg	121	1	03/14/19 23:37	03/18/19 13:03	7439-92-1	N2
Selenium	1260	ug/kg	1210	10	03/14/19 23:37	03/20/19 05:14	7782-49-2	
Silver	79.9	ug/kg	60.3	1	03/14/19 23:37	03/18/19 13:03	7440-22-4	
Zinc	50200	ug/kg	3010	5	03/14/19 23:37	03/20/19 04:46	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<249	ug/kg	249	1	03/17/19 17:55	03/18/19 09:38	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	83-32-9	
Acenaphthylene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	208-96-8	
Aniline	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	62-53-3	
Anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	120-12-7	
Atrazine	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	1912-24-9	N2
Azobenzene	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	103-33-3	N2
Benidine	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	92-87-5	
Benzo(a)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	56-55-3	
Benzo(a)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	50-32-8	
Benzo(b)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	205-99-2	
Benzo(g,h,i)perylene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	191-24-2	
Benzo(k)fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	207-08-9	
Benzoic acid	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	65-85-0	
Benzyl alcohol	<802	ug/kg	802	1	03/18/19 12:40	03/21/19 16:40	100-51-6	
4-Bromophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	101-55-3	
Butylbenzylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	85-68-7	
Caprolactam	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	105-60-2	N2
Carbazole	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	86-74-8	
4-Chloro-3-methylphenol	<802	ug/kg	802	1	03/18/19 12:40	03/21/19 16:40	59-50-7	
bis(2-Chloroethoxy)methane	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	111-91-1	
bis(2-Chloroethyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	111-44-4	
bis(2-Chloroisopropyl) ether	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	108-60-1	
2-Chloronaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	91-58-7	
2-Chlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	95-57-8	
4-Chlorophenylphenyl ether	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	7005-72-3	
Chrysene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	218-01-9	
Dibenz(a,h)anthracene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	53-70-3	
Dibenzofuran	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	132-64-9	
3,3'-Dichlorobenzidine	<802	ug/kg	802	1	03/18/19 12:40	03/21/19 16:40	91-94-1	
2,4-Dichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	120-83-2	
Diethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (6-7') Lab ID: 50218951060 Collected: 03/08/19 08:45 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	105-67-9	
Dimethylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	131-11-3	
Di-n-butylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	84-74-2	
4,6-Dinitro-2-methylphenol	<802	ug/kg	802	1	03/18/19 12:40	03/21/19 16:40	534-52-1	
2,4-Dinitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	51-28-5	
2,4-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	121-14-2	
2,6-Dinitrotoluene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	606-20-2	
Di-n-octylphthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	117-84-0	
bis(2-Ethylhexyl)phthalate	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	117-81-7	
Fluoranthene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	206-44-0	
Fluorene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	86-73-7	
Hexachlorobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	118-74-1	
Hexachlorocyclopentadiene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	77-47-4	
Hexachloroethane	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	67-72-1	
Indeno(1,2,3-cd)pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	193-39-5	
Isophorone	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	78-59-1	
2-Methylnaphthalene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	91-57-6	
2-Methylphenol(o-Cresol)	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	<802	ug/kg	802	1	03/18/19 12:40	03/21/19 16:40		
2-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	88-74-4	
3-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	99-09-2	
4-Nitroaniline	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	100-01-6	
Nitrobenzene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	98-95-3	
2-Nitrophenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	88-75-5	
4-Nitrophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	100-02-7	
N-Nitrosodimethylamine	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	62-75-9	
N-Nitroso-di-n-propylamine	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	621-64-7	
N-Nitrosodiphenylamine	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	86-30-6	
Pentachlorophenol	<1950	ug/kg	1950	1	03/18/19 12:40	03/21/19 16:40	87-86-5	
Phenanthrene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	85-01-8	
Phenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	108-95-2	
Pyrene	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	129-00-0	
Pyridine	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	110-86-1	
2,4,5-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	95-95-4	
2,4,6-Trichlorophenol	<401	ug/kg	401	1	03/18/19 12:40	03/21/19 16:40	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	40	%.	18-98	1	03/18/19 12:40	03/21/19 16:40	4165-60-0	
Phenol-d5 (S)	45	%.	18-108	1	03/18/19 12:40	03/21/19 16:40	4165-62-2	
2-Fluorophenol (S)	45	%.	16-104	1	03/18/19 12:40	03/21/19 16:40	367-12-4	
2,4,6-Tribromophenol (S)	48	%.	10-114	1	03/18/19 12:40	03/21/19 16:40	118-79-6	
2-Fluorobiphenyl (S)	43	%.	21-96	1	03/18/19 12:40	03/21/19 16:40	321-60-8	
p-Terphenyl-d14 (S)	59	%.	29-124	1	03/18/19 12:40	03/21/19 16:40	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1040	ug/kg	1040	1	03/19/19 11:33	67-64-1
Acrylonitrile	<1040	ug/kg	1040	1	03/19/19 11:33	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (6-7') **Lab ID:** 50218951060 **Collected:** 03/08/19 08:45 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	71-43-2	
Bromobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	108-86-1	
Bromochloromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	74-97-5	
Bromodichloromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-27-4	
Bromoform	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-25-2	
Bromomethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	74-83-9	
2-Butanone (MEK)	<261	ug/kg	261	1		03/19/19 11:33	78-93-3	
tert-Butyl Alcohol	<522	ug/kg	522	1		03/19/19 11:33	75-65-0	L1
n-Butylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	104-51-8	
sec-Butylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	135-98-8	
tert-Butylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	98-06-6	
Carbon disulfide	<104	ug/kg	104	1		03/19/19 11:33	75-15-0	
Carbon tetrachloride	<52.2	ug/kg	52.2	1		03/19/19 11:33	56-23-5	
Chlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	108-90-7	
Chloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-00-3	
Chloroform	<52.2	ug/kg	52.2	1		03/19/19 11:33	67-66-3	
Chloromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	74-87-3	
2-Chlorotoluene	<52.2	ug/kg	52.2	1		03/19/19 11:33	95-49-8	
1,2-Dibromo-3-chloropropane	<104	ug/kg	104	1		03/19/19 11:33	96-12-8	
Dibromochloromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	124-48-1	
1,2-Dibromoethane (EDB)	<52.2	ug/kg	52.2	1		03/19/19 11:33	106-93-4	
Dibromomethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	74-95-3	
1,2-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	95-50-1	
1,3-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	541-73-1	
1,4-Dichlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	106-46-7	
trans-1,4-Dichloro-2-butene	<1040	ug/kg	1040	1		03/19/19 11:33	110-57-6	
Dichlorodifluoromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-71-8	
1,1-Dichloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-34-3	
1,2-Dichloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	107-06-2	
1,1-Dichloroethene	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-35-4	
cis-1,2-Dichloroethene	<52.2	ug/kg	52.2	1		03/19/19 11:33	156-59-2	
trans-1,2-Dichloroethene	<52.2	ug/kg	52.2	1		03/19/19 11:33	156-60-5	
1,2-Dichloropropane	<52.2	ug/kg	52.2	1		03/19/19 11:33	78-87-5	
cis-1,3-Dichloropropene	<52.2	ug/kg	52.2	1		03/19/19 11:33	10061-01-5	
trans-1,3-Dichloropropene	<52.2	ug/kg	52.2	1		03/19/19 11:33	10061-02-6	
Diethyl ether (Ethyl ether)	<52.2	ug/kg	52.2	1		03/19/19 11:33	60-29-7	
Ethylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	100-41-4	
2-Hexanone	<1040	ug/kg	1040	1		03/19/19 11:33	591-78-6	
Iodomethane	<1040	ug/kg	1040	1		03/19/19 11:33	74-88-4	
Isopropylbenzene (Cumene)	<52.2	ug/kg	52.2	1		03/19/19 11:33	98-82-8	
p-Isopropyltoluene	<52.2	ug/kg	52.2	1		03/19/19 11:33	99-87-6	
Methylene Chloride	<209	ug/kg	209	1		03/19/19 11:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	<261	ug/kg	261	1		03/19/19 11:33	108-10-1	
Methyl-tert-butyl ether	<52.2	ug/kg	52.2	1		03/19/19 11:33	1634-04-4	
Naphthalene	<52.2	ug/kg	52.2	1		03/19/19 11:33	91-20-3	
n-Propylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-31 (6-7') Lab ID: 50218951060 Collected: 03/08/19 08:45 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.2	ug/kg	52.2	1		03/19/19 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	79-34-5	
Tetrachloroethene	<52.2	ug/kg	52.2	1		03/19/19 11:33	127-18-4	
Tetrahydrofuran	<1040	ug/kg	1040	1		03/19/19 11:33	109-99-9	
Toluene	<52.2	ug/kg	52.2	1		03/19/19 11:33	108-88-3	
1,2,3-Trichlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	87-61-6	
1,2,4-Trichlorobenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	120-82-1	
1,1,1-Trichloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	71-55-6	
1,1,2-Trichloroethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	79-00-5	
Trichloroethene	<52.2	ug/kg	52.2	1		03/19/19 11:33	79-01-6	
Trichlorofluoromethane	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-69-4	
1,2,3-Trichloropropane	<52.2	ug/kg	52.2	1		03/19/19 11:33	96-18-4	
1,2,3-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	526-73-8	N2
1,2,4-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	95-63-6	
1,3,5-Trimethylbenzene	<52.2	ug/kg	52.2	1		03/19/19 11:33	108-67-8	
Vinyl chloride	<52.2	ug/kg	52.2	1		03/19/19 11:33	75-01-4	
Xylene (Total)	<104	ug/kg	104	1		03/19/19 11:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%	85-118	1		03/19/19 11:33	1868-53-7	
Toluene-d8 (S)	101	%	71-128	1		03/19/19 11:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%	56-144	1		03/19/19 11:33	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.8	%	0.10	1		03/18/19 10:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-32 (2-3') Lab ID: 50218951061 Collected: 03/08/19 09:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8380	ug/kg	1150	10	03/14/19 23:37	03/20/19 05:18	7440-38-2	
Barium	108000	ug/kg	576	5	03/14/19 23:37	03/20/19 04:51	7440-39-3	
Cadmium	215	ug/kg	57.6	1	03/14/19 23:37	03/18/19 13:12	7440-43-9	
Chromium	22000	ug/kg	1150	5	03/14/19 23:37	03/20/19 04:51	7440-47-3	
Copper	11600	ug/kg	288	5	03/14/19 23:37	03/20/19 04:51	7440-50-8	
Lead	17700	ug/kg	115	1	03/14/19 23:37	03/18/19 13:12	7439-92-1	N2
Selenium	1540	ug/kg	1150	10	03/14/19 23:37	03/20/19 05:18	7782-49-2	
Silver	<57.6	ug/kg	57.6	1	03/14/19 23:37	03/18/19 13:12	7440-22-4	
Zinc	51300	ug/kg	2880	5	03/14/19 23:37	03/20/19 04:51	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<238	ug/kg	238	1	03/17/19 17:55	03/18/19 09:45	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	208-96-8	
Aniline	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	62-53-3	
Anthracene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	120-12-7	
Atrazine	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	92-87-5	
Benzo(a)anthracene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	56-55-3	
Benzo(a)pyrene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	50-32-8	
Benzo(b)fluoranthene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	205-99-2	
Benzo(g,h,i)perylene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	191-24-2	
Benzo(k)fluoranthene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	65-85-0	
Benzyl alcohol	<777	ug/kg	777	1	03/18/19 12:40	03/21/19 16:56	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	86-74-8	
4-Chloro-3-methylphenol	<777	ug/kg	777	1	03/18/19 12:40	03/21/19 16:56	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	7005-72-3	
Chrysene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	132-64-9	
3,3'-Dichlorobenzidine	<777	ug/kg	777	1	03/18/19 12:40	03/21/19 16:56	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-32 (2-3') **Lab ID:** 50218951061 **Collected:** 03/08/19 09:40 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	84-74-2	
4,6-Dinitro-2-methylphenol	<777	ug/kg	777	1	03/18/19 12:40	03/21/19 16:56	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	117-81-7	
Fluoranthene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	206-44-0	
Fluorene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	67-72-1	
Indeno(1,2,3-cd)pyrene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	193-39-5	
Isophorone	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	<777	ug/kg	777	1	03/18/19 12:40	03/21/19 16:56		
2-Nitroaniline	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/18/19 12:40	03/21/19 16:56	87-86-5	
Phenanthrene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	85-01-8	
Phenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	108-95-2	
Pyrene	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	129-00-0	
Pyridine	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/18/19 12:40	03/21/19 16:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	42	%	18-98	1	03/18/19 12:40	03/21/19 16:56	4165-60-0	
Phenol-d5 (S)	45	%	18-108	1	03/18/19 12:40	03/21/19 16:56	4165-62-2	
2-Fluorophenol (S)	44	%	16-104	1	03/18/19 12:40	03/21/19 16:56	367-12-4	
2,4,6-Tribromophenol (S)	45	%	10-114	1	03/18/19 12:40	03/21/19 16:56	118-79-6	
2-Fluorobiphenyl (S)	41	%	21-96	1	03/18/19 12:40	03/21/19 16:56	321-60-8	
p-Terphenyl-d14 (S)	54	%	29-124	1	03/18/19 12:40	03/21/19 16:56	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1060	ug/kg	1060	1	03/19/19 12:06	67-64-1
Acrylonitrile	<1060	ug/kg	1060	1	03/19/19 12:06	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-32 (2-3') Lab ID: 50218951061 Collected: 03/08/19 09:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	71-43-2	
Bromobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	108-86-1	
Bromochloromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	74-97-5	
Bromodichloromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-27-4	
Bromoform	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-25-2	
Bromomethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	74-83-9	
2-Butanone (MEK)	<266	ug/kg	266	1		03/19/19 12:06	78-93-3	
tert-Butyl Alcohol	<531	ug/kg	531	1		03/19/19 12:06	75-65-0	L1
n-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	104-51-8	
sec-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	135-98-8	
tert-Butylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	98-06-6	
Carbon disulfide	<106	ug/kg	106	1		03/19/19 12:06	75-15-0	
Carbon tetrachloride	<53.1	ug/kg	53.1	1		03/19/19 12:06	56-23-5	
Chlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	108-90-7	
Chloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-00-3	
Chloroform	<53.1	ug/kg	53.1	1		03/19/19 12:06	67-66-3	
Chloromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	74-87-3	
2-Chlorotoluene	<53.1	ug/kg	53.1	1		03/19/19 12:06	95-49-8	
1,2-Dibromo-3-chloropropane	<106	ug/kg	106	1		03/19/19 12:06	96-12-8	
Dibromochloromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	124-48-1	
1,2-Dibromoethane (EDB)	<53.1	ug/kg	53.1	1		03/19/19 12:06	106-93-4	
Dibromomethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	74-95-3	
1,2-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	95-50-1	
1,3-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	541-73-1	
1,4-Dichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	106-46-7	
trans-1,4-Dichloro-2-butene	<1060	ug/kg	1060	1		03/19/19 12:06	110-57-6	
Dichlorodifluoromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-71-8	
1,1-Dichloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-34-3	
1,2-Dichloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	107-06-2	
1,1-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-35-4	
cis-1,2-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 12:06	156-59-2	
trans-1,2-Dichloroethene	<53.1	ug/kg	53.1	1		03/19/19 12:06	156-60-5	
1,2-Dichloropropane	<53.1	ug/kg	53.1	1		03/19/19 12:06	78-87-5	
cis-1,3-Dichloropropene	<53.1	ug/kg	53.1	1		03/19/19 12:06	10061-01-5	
trans-1,3-Dichloropropene	<53.1	ug/kg	53.1	1		03/19/19 12:06	10061-02-6	
Diethyl ether (Ethyl ether)	<53.1	ug/kg	53.1	1		03/19/19 12:06	60-29-7	
Ethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	100-41-4	
2-Hexanone	<1060	ug/kg	1060	1		03/19/19 12:06	591-78-6	
Iodomethane	<1060	ug/kg	1060	1		03/19/19 12:06	74-88-4	
Isopropylbenzene (Cumene)	<53.1	ug/kg	53.1	1		03/19/19 12:06	98-82-8	
p-Isopropyltoluene	<53.1	ug/kg	53.1	1		03/19/19 12:06	99-87-6	
Methylene Chloride	<213	ug/kg	213	1		03/19/19 12:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	<266	ug/kg	266	1		03/19/19 12:06	108-10-1	
Methyl-tert-butyl ether	<53.1	ug/kg	53.1	1		03/19/19 12:06	1634-04-4	
Naphthalene	<53.1	ug/kg	53.1	1		03/19/19 12:06	91-20-3	
n-Propylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-32 (2-3') Lab ID: 50218951061 Collected: 03/08/19 09:40 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.1	ug/kg	53.1	1		03/19/19 12:06	100-42-5	
1,1,1,2-Tetrachloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	630-20-6	
1,1,2,2-Tetrachloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	79-34-5	
Tetrachloroethene	<53.1	ug/kg	53.1	1		03/19/19 12:06	127-18-4	
Tetrahydrofuran	<1060	ug/kg	1060	1		03/19/19 12:06	109-99-9	
Toluene	<53.1	ug/kg	53.1	1		03/19/19 12:06	108-88-3	
1,2,3-Trichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	87-61-6	
1,2,4-Trichlorobenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	120-82-1	
1,1,1-Trichloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	71-55-6	
1,1,2-Trichloroethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	79-00-5	
Trichloroethene	<53.1	ug/kg	53.1	1		03/19/19 12:06	79-01-6	
Trichlorofluoromethane	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-69-4	
1,2,3-Trichloropropane	<53.1	ug/kg	53.1	1		03/19/19 12:06	96-18-4	
1,2,3-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	526-73-8	N2
1,2,4-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	95-63-6	
1,3,5-Trimethylbenzene	<53.1	ug/kg	53.1	1		03/19/19 12:06	108-67-8	
Vinyl chloride	<53.1	ug/kg	53.1	1		03/19/19 12:06	75-01-4	
Xylene (Total)	<106	ug/kg	106	1		03/19/19 12:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	93	%	85-118	1		03/19/19 12:06	1868-53-7	
Toluene-d8 (S)	101	%	71-128	1		03/19/19 12:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	56-144	1		03/19/19 12:06	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.6	%	0.10	1		03/18/19 10:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (4-5') Lab ID: 50218951062 Collected: 03/08/19 09:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	872	ug/kg	112	1	03/14/19 23:37	03/18/19 13:26	7440-38-2	
Barium	11900	ug/kg	112	1	03/14/19 23:37	03/18/19 13:26	7440-39-3	
Cadmium	78.1	ug/kg	56.0	1	03/14/19 23:37	03/18/19 13:26	7440-43-9	
Chromium	4770	ug/kg	224	1	03/14/19 23:37	03/18/19 13:26	7440-47-3	
Copper	1740	ug/kg	56.0	1	03/14/19 23:37	03/18/19 13:26	7440-50-8	
Lead	1970	ug/kg	112	1	03/14/19 23:37	03/18/19 13:26	7439-92-1	N2
Selenium	263	ug/kg	112	1	03/14/19 23:37	03/18/19 13:26	7782-49-2	
Silver	<56.0	ug/kg	56.0	1	03/14/19 23:37	03/18/19 13:26	7440-22-4	
Zinc	7050	ug/kg	560	1	03/14/19 23:37	03/18/19 13:26	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<221	ug/kg	221	1	03/17/19 17:55	03/18/19 09:47	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	83-32-9	
Acenaphthylene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	208-96-8	
Aniline	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	62-53-3	
Anthracene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	120-12-7	
Atrazine	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	1912-24-9	N2
Azobenzene	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	103-33-3	N2
Benidine	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	92-87-5	
Benzo(a)anthracene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	56-55-3	
Benzo(a)pyrene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	50-32-8	
Benzo(b)fluoranthene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	205-99-2	
Benzo(g,h,i)perylene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	191-24-2	
Benzo(k)fluoranthene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	207-08-9	
Benzoic acid	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	65-85-0	
Benzyl alcohol	<745	ug/kg	745	1	03/18/19 12:40	03/21/19 17:13	100-51-6	
4-Bromophenylphenyl ether	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	101-55-3	
Butylbenzylphthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	85-68-7	
Caprolactam	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	105-60-2	N2
Carbazole	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	86-74-8	
4-Chloro-3-methylphenol	<745	ug/kg	745	1	03/18/19 12:40	03/21/19 17:13	59-50-7	
bis(2-Chloroethoxy)methane	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	111-91-1	
bis(2-Chloroethyl) ether	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	111-44-4	
bis(2-Chloroisopropyl) ether	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	108-60-1	
2-Chloronaphthalene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	91-58-7	
2-Chlorophenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	95-57-8	
4-Chlorophenylphenyl ether	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	7005-72-3	
Chrysene	815	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	218-01-9	
Dibenz(a,h)anthracene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	53-70-3	
Dibenzofuran	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	132-64-9	
3,3'-Dichlorobenzidine	<745	ug/kg	745	1	03/18/19 12:40	03/21/19 17:13	91-94-1	
2,4-Dichlorophenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	120-83-2	
Diethylphthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (4-5') Lab ID: 50218951062 Collected: 03/08/19 09:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	105-67-9	
Dimethylphthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	131-11-3	
Di-n-butylphthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	84-74-2	
4,6-Dinitro-2-methylphenol	<745	ug/kg	745	1	03/18/19 12:40	03/21/19 17:13	534-52-1	
2,4-Dinitrophenol	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	51-28-5	
2,4-Dinitrotoluene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	121-14-2	
2,6-Dinitrotoluene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	606-20-2	
Di-n-octylphthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	117-84-0	
bis(2-Ethylhexyl)phthalate	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	117-81-7	
Fluoranthene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	206-44-0	
Fluorene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	86-73-7	
Hexachlorobenzene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	118-74-1	
Hexachlorocyclopentadiene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	77-47-4	
Hexachloroethane	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	67-72-1	
Indeno(1,2,3-cd)pyrene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	193-39-5	
Isophorone	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	78-59-1	
2-Methylnaphthalene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	91-57-6	
2-Methylphenol(o-Cresol)	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	<745	ug/kg	745	1	03/18/19 12:40	03/21/19 17:13		
2-Nitroaniline	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	88-74-4	
3-Nitroaniline	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	99-09-2	
4-Nitroaniline	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	100-01-6	
Nitrobenzene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	98-95-3	
2-Nitrophenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	88-75-5	
4-Nitrophenol	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	100-02-7	
N-Nitrosodimethylamine	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	62-75-9	
N-Nitroso-di-n-propylamine	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	621-64-7	
N-Nitrosodiphenylamine	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	86-30-6	
Pentachlorophenol	<1810	ug/kg	1810	1	03/18/19 12:40	03/21/19 17:13	87-86-5	
Phenanthrene	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	85-01-8	
Phenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	108-95-2	
Pyrene	714	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	129-00-0	
Pyridine	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	110-86-1	
2,4,5-Trichlorophenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	95-95-4	
2,4,6-Trichlorophenol	<373	ug/kg	373	1	03/18/19 12:40	03/21/19 17:13	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	46	%.	18-98	1	03/18/19 12:40	03/21/19 17:13	4165-60-0	
Phenol-d5 (S)	44	%.	18-108	1	03/18/19 12:40	03/21/19 17:13	4165-62-2	
2-Fluorophenol (S)	43	%.	16-104	1	03/18/19 12:40	03/21/19 17:13	367-12-4	
2,4,6-Tribromophenol (S)	42	%.	10-114	1	03/18/19 12:40	03/21/19 17:13	118-79-6	
2-Fluorobiphenyl (S)	50	%.	21-96	1	03/18/19 12:40	03/21/19 17:13	321-60-8	
p-Terphenyl-d14 (S)	53	%.	29-124	1	03/18/19 12:40	03/21/19 17:13	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<893	ug/kg	893	1	03/19/19 12:39	67-64-1
Acrylonitrile	<893	ug/kg	893	1	03/19/19 12:39	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (4-5') Lab ID: 50218951062 Collected: 03/08/19 09:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	71-43-2	
Bromobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	108-86-1	
Bromochloromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	74-97-5	
Bromodichloromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-27-4	
Bromoform	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-25-2	
Bromomethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	74-83-9	
2-Butanone (MEK)	<223	ug/kg	223	1		03/19/19 12:39	78-93-3	
tert-Butyl Alcohol	<447	ug/kg	447	1		03/19/19 12:39	75-65-0	L1
n-Butylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	104-51-8	
sec-Butylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	135-98-8	
tert-Butylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	98-06-6	
Carbon disulfide	<89.3	ug/kg	89.3	1		03/19/19 12:39	75-15-0	
Carbon tetrachloride	<44.7	ug/kg	44.7	1		03/19/19 12:39	56-23-5	
Chlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	108-90-7	
Chloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-00-3	
Chloroform	<44.7	ug/kg	44.7	1		03/19/19 12:39	67-66-3	
Chloromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	74-87-3	
2-Chlorotoluene	<44.7	ug/kg	44.7	1		03/19/19 12:39	95-49-8	
1,2-Dibromo-3-chloropropane	<89.3	ug/kg	89.3	1		03/19/19 12:39	96-12-8	
Dibromochloromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	124-48-1	
1,2-Dibromoethane (EDB)	<44.7	ug/kg	44.7	1		03/19/19 12:39	106-93-4	
Dibromomethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	74-95-3	
1,2-Dichlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	95-50-1	
1,3-Dichlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	541-73-1	
1,4-Dichlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	106-46-7	
trans-1,4-Dichloro-2-butene	<893	ug/kg	893	1		03/19/19 12:39	110-57-6	
Dichlorodifluoromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-71-8	
1,1-Dichloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-34-3	
1,2-Dichloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	107-06-2	
1,1-Dichloroethene	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-35-4	
cis-1,2-Dichloroethene	<44.7	ug/kg	44.7	1		03/19/19 12:39	156-59-2	
trans-1,2-Dichloroethene	<44.7	ug/kg	44.7	1		03/19/19 12:39	156-60-5	
1,2-Dichloropropane	<44.7	ug/kg	44.7	1		03/19/19 12:39	78-87-5	
cis-1,3-Dichloropropene	<44.7	ug/kg	44.7	1		03/19/19 12:39	10061-01-5	
trans-1,3-Dichloropropene	<44.7	ug/kg	44.7	1		03/19/19 12:39	10061-02-6	
Diethyl ether (Ethyl ether)	<44.7	ug/kg	44.7	1		03/19/19 12:39	60-29-7	
Ethylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	100-41-4	
2-Hexanone	<893	ug/kg	893	1		03/19/19 12:39	591-78-6	
Iodomethane	<893	ug/kg	893	1		03/19/19 12:39	74-88-4	
Isopropylbenzene (Cumene)	<44.7	ug/kg	44.7	1		03/19/19 12:39	98-82-8	
p-Isopropyltoluene	<44.7	ug/kg	44.7	1		03/19/19 12:39	99-87-6	
Methylene Chloride	<179	ug/kg	179	1		03/19/19 12:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<223	ug/kg	223	1		03/19/19 12:39	108-10-1	
Methyl-tert-butyl ether	<44.7	ug/kg	44.7	1		03/19/19 12:39	1634-04-4	
Naphthalene	<44.7	ug/kg	44.7	1		03/19/19 12:39	91-20-3	
n-Propylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (4-5') Lab ID: 50218951062 Collected: 03/08/19 09:50 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<44.7	ug/kg	44.7	1		03/19/19 12:39	100-42-5	
1,1,1,2-Tetrachloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	630-20-6	
1,1,2,2-Tetrachloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	79-34-5	
Tetrachloroethene	<44.7	ug/kg	44.7	1		03/19/19 12:39	127-18-4	
Tetrahydrofuran	<893	ug/kg	893	1		03/19/19 12:39	109-99-9	
Toluene	<44.7	ug/kg	44.7	1		03/19/19 12:39	108-88-3	
1,2,3-Trichlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	87-61-6	
1,2,4-Trichlorobenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	120-82-1	
1,1,1-Trichloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	71-55-6	
1,1,2-Trichloroethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	79-00-5	
Trichloroethene	<44.7	ug/kg	44.7	1		03/19/19 12:39	79-01-6	
Trichlorofluoromethane	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-69-4	
1,2,3-Trichloropropane	<44.7	ug/kg	44.7	1		03/19/19 12:39	96-18-4	
1,2,3-Trimethylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	526-73-8	N2
1,2,4-Trimethylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	95-63-6	
1,3,5-Trimethylbenzene	<44.7	ug/kg	44.7	1		03/19/19 12:39	108-67-8	
Vinyl chloride	<44.7	ug/kg	44.7	1		03/19/19 12:39	75-01-4	
Xylene (Total)	<89.3	ug/kg	89.3	1		03/19/19 12:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 12:39	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 12:39	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 12:39	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	12.0	%	0.10	1		03/18/19 10:56

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (5-6') Lab ID: 50218951063 Collected: 03/08/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5360	ug/kg	1180	10	03/14/19 23:37	03/20/19 05:32	7440-38-2	
Barium	129000	ug/kg	1180	10	03/14/19 23:37	03/20/19 05:32	7440-39-3	
Cadmium	99.4	ug/kg	58.8	1	03/14/19 23:37	03/18/19 13:31	7440-43-9	
Chromium	21900	ug/kg	1180	5	03/14/19 23:37	03/20/19 04:55	7440-47-3	
Copper	17700	ug/kg	294	5	03/14/19 23:37	03/20/19 04:55	7440-50-8	
Lead	11500	ug/kg	118	1	03/14/19 23:37	03/18/19 13:31	7439-92-1	N2
Selenium	1490	ug/kg	1180	10	03/14/19 23:37	03/20/19 05:32	7782-49-2	
Silver	<58.8	ug/kg	58.8	1	03/14/19 23:37	03/18/19 13:31	7440-22-4	
Zinc	56700	ug/kg	2940	5	03/14/19 23:37	03/20/19 04:55	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<238	ug/kg	238	1	03/17/19 17:55	03/18/19 09:50	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	83-32-9	
Acenaphthylene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	208-96-8	
Aniline	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	62-53-3	
Anthracene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	120-12-7	
Atrazine	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	103-33-3	N2
Benidine	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	92-87-5	
Benzo(a)anthracene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	56-55-3	
Benzo(a)pyrene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	50-32-8	
Benzo(b)fluoranthene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	205-99-2	
Benzo(g,h,i)perylene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	191-24-2	
Benzo(k)fluoranthene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	65-85-0	
Benzyl alcohol	<797	ug/kg	797	1	03/18/19 12:40	03/21/19 17:29	100-51-6	
4-Bromophenylphenyl ether	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	101-55-3	
Butylbenzylphthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	85-68-7	
Caprolactam	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	105-60-2	N2
Carbazole	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	86-74-8	
4-Chloro-3-methylphenol	<797	ug/kg	797	1	03/18/19 12:40	03/21/19 17:29	59-50-7	
bis(2-Chloroethoxy)methane	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	111-91-1	
bis(2-Chloroethyl) ether	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	111-44-4	
bis(2-Chloroisopropyl) ether	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	108-60-1	
2-Chloronaphthalene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	91-58-7	
2-Chlorophenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	95-57-8	
4-Chlorophenylphenyl ether	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	7005-72-3	
Chrysene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	218-01-9	
Dibenz(a,h)anthracene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	53-70-3	
Dibenzofuran	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	132-64-9	
3,3'-Dichlorobenzidine	<797	ug/kg	797	1	03/18/19 12:40	03/21/19 17:29	91-94-1	
2,4-Dichlorophenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	120-83-2	
Diethylphthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (5-6') Lab ID: 50218951063 Collected: 03/08/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	105-67-9	
Dimethylphthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	131-11-3	
Di-n-butylphthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	84-74-2	
4,6-Dinitro-2-methylphenol	<797	ug/kg	797	1	03/18/19 12:40	03/21/19 17:29	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	51-28-5	
2,4-Dinitrotoluene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	121-14-2	
2,6-Dinitrotoluene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	606-20-2	
Di-n-octylphthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	117-84-0	
bis(2-Ethylhexyl)phthalate	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	117-81-7	
Fluoranthene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	206-44-0	
Fluorene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	86-73-7	
Hexachlorobenzene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	118-74-1	
Hexachlorocyclopentadiene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	77-47-4	
Hexachloroethane	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	67-72-1	
Indeno(1,2,3-cd)pyrene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	193-39-5	
Isophorone	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	78-59-1	
2-Methylnaphthalene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	91-57-6	
2-Methylphenol(o-Cresol)	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	<797	ug/kg	797	1	03/18/19 12:40	03/21/19 17:29		
2-Nitroaniline	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	88-74-4	
3-Nitroaniline	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	99-09-2	
4-Nitroaniline	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	100-01-6	
Nitrobenzene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	98-95-3	
2-Nitrophenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	100-02-7	
N-Nitrosodimethylamine	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	62-75-9	
N-Nitroso-di-n-propylamine	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	621-64-7	
N-Nitrosodiphenylamine	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/18/19 12:40	03/21/19 17:29	87-86-5	
Phenanthrene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	85-01-8	
Phenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	108-95-2	
Pyrene	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	129-00-0	
Pyridine	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	110-86-1	
2,4,5-Trichlorophenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	95-95-4	
2,4,6-Trichlorophenol	<399	ug/kg	399	1	03/18/19 12:40	03/21/19 17:29	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	51	%.	18-98	1	03/18/19 12:40	03/21/19 17:29	4165-60-0	
Phenol-d5 (S)	52	%.	18-108	1	03/18/19 12:40	03/21/19 17:29	4165-62-2	
2-Fluorophenol (S)	53	%.	16-104	1	03/18/19 12:40	03/21/19 17:29	367-12-4	
2,4,6-Tribromophenol (S)	55	%.	10-114	1	03/18/19 12:40	03/21/19 17:29	118-79-6	
2-Fluorobiphenyl (S)	56	%.	21-96	1	03/18/19 12:40	03/21/19 17:29	321-60-8	
p-Terphenyl-d14 (S)	77	%.	29-124	1	03/18/19 12:40	03/21/19 17:29	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1120	ug/kg	1120	1		03/19/19 13:11	67-64-1	
Acrylonitrile	<1120	ug/kg	1120	1		03/19/19 13:11	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (5-6') **Lab ID: 50218951063** Collected: 03/08/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	71-43-2	
Bromobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	108-86-1	
Bromochloromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	74-97-5	
Bromodichloromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-27-4	
Bromoform	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-25-2	
Bromomethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	74-83-9	
2-Butanone (MEK)	<279	ug/kg	279	1		03/19/19 13:11	78-93-3	
tert-Butyl Alcohol	<558	ug/kg	558	1		03/19/19 13:11	75-65-0	L1
n-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	104-51-8	
sec-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	135-98-8	
tert-Butylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	98-06-6	
Carbon disulfide	<112	ug/kg	112	1		03/19/19 13:11	75-15-0	
Carbon tetrachloride	<55.8	ug/kg	55.8	1		03/19/19 13:11	56-23-5	
Chlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	108-90-7	
Chloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-00-3	
Chloroform	<55.8	ug/kg	55.8	1		03/19/19 13:11	67-66-3	
Chloromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	74-87-3	
2-Chlorotoluene	<55.8	ug/kg	55.8	1		03/19/19 13:11	95-49-8	
1,2-Dibromo-3-chloropropane	<112	ug/kg	112	1		03/19/19 13:11	96-12-8	
Dibromochloromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	124-48-1	
1,2-Dibromoethane (EDB)	<55.8	ug/kg	55.8	1		03/19/19 13:11	106-93-4	
Dibromomethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	74-95-3	
1,2-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	95-50-1	
1,3-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	541-73-1	
1,4-Dichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	106-46-7	
trans-1,4-Dichloro-2-butene	<1120	ug/kg	1120	1		03/19/19 13:11	110-57-6	
Dichlorodifluoromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-71-8	
1,1-Dichloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-34-3	
1,2-Dichloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	107-06-2	
1,1-Dichloroethene	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-35-4	
cis-1,2-Dichloroethene	<55.8	ug/kg	55.8	1		03/19/19 13:11	156-59-2	
trans-1,2-Dichloroethene	<55.8	ug/kg	55.8	1		03/19/19 13:11	156-60-5	
1,2-Dichloropropane	<55.8	ug/kg	55.8	1		03/19/19 13:11	78-87-5	
cis-1,3-Dichloropropene	<55.8	ug/kg	55.8	1		03/19/19 13:11	10061-01-5	
trans-1,3-Dichloropropene	<55.8	ug/kg	55.8	1		03/19/19 13:11	10061-02-6	
Diethyl ether (Ethyl ether)	<55.8	ug/kg	55.8	1		03/19/19 13:11	60-29-7	
Ethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	100-41-4	
2-Hexanone	<1120	ug/kg	1120	1		03/19/19 13:11	591-78-6	
Iodomethane	<1120	ug/kg	1120	1		03/19/19 13:11	74-88-4	
Isopropylbenzene (Cumene)	<55.8	ug/kg	55.8	1		03/19/19 13:11	98-82-8	
p-Isopropyltoluene	<55.8	ug/kg	55.8	1		03/19/19 13:11	99-87-6	
Methylene Chloride	<223	ug/kg	223	1		03/19/19 13:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	<279	ug/kg	279	1		03/19/19 13:11	108-10-1	
Methyl-tert-butyl ether	<55.8	ug/kg	55.8	1		03/19/19 13:11	1634-04-4	
Naphthalene	<55.8	ug/kg	55.8	1		03/19/19 13:11	91-20-3	
n-Propylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-33 (5-6') Lab ID: 50218951063 Collected: 03/08/19 09:55 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<55.8	ug/kg	55.8	1		03/19/19 13:11	100-42-5	
1,1,1,2-Tetrachloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	630-20-6	
1,1,2,2-Tetrachloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	79-34-5	
Tetrachloroethene	<55.8	ug/kg	55.8	1		03/19/19 13:11	127-18-4	
Tetrahydrofuran	<1120	ug/kg	1120	1		03/19/19 13:11	109-99-9	
Toluene	<55.8	ug/kg	55.8	1		03/19/19 13:11	108-88-3	
1,2,3-Trichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	87-61-6	
1,2,4-Trichlorobenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	120-82-1	
1,1,1-Trichloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	71-55-6	
1,1,2-Trichloroethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	79-00-5	
Trichloroethene	<55.8	ug/kg	55.8	1		03/19/19 13:11	79-01-6	
Trichlorofluoromethane	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-69-4	
1,2,3-Trichloropropane	<55.8	ug/kg	55.8	1		03/19/19 13:11	96-18-4	
1,2,3-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	526-73-8	N2
1,2,4-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	95-63-6	
1,3,5-Trimethylbenzene	<55.8	ug/kg	55.8	1		03/19/19 13:11	108-67-8	
Vinyl chloride	<55.8	ug/kg	55.8	1		03/19/19 13:11	75-01-4	
Xylene (Total)	<112	ug/kg	112	1		03/19/19 13:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 13:11	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 13:11	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 13:11	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.8	%	0.10	1		03/18/19 10:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (2-3') Lab ID: 50218951064 Collected: 03/08/19 10:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3300	ug/kg	534	5	03/14/19 23:37	03/20/19 06:37	7440-38-2	
Barium	55900	ug/kg	534	5	03/14/19 23:37	03/20/19 06:37	7440-39-3	
Cadmium	21200	ug/kg	53.4	1	03/14/19 23:37	03/18/19 13:40	7440-43-9	
Chromium	9570	ug/kg	1070	5	03/14/19 23:37	03/20/19 06:37	7440-47-3	
Copper	5890000	ug/kg	53400	1000	03/14/19 23:37	03/19/19 16:08	7440-50-8	
Lead	1120000	ug/kg	10700	100	03/14/19 23:37	03/19/19 16:40	7439-92-1	N2
Selenium	652	ug/kg	534	5	03/14/19 23:37	03/20/19 06:37	7782-49-2	
Silver	1860	ug/kg	53.4	1	03/14/19 23:37	03/18/19 13:40	7440-22-4	
Zinc	1090000	ug/kg	53400	100	03/14/19 23:37	03/19/19 16:40	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<224	ug/kg	224	1	03/17/19 17:55	03/18/19 09:52	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	83-32-9	
Acenaphthylene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	208-96-8	
Aniline	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	62-53-3	
Anthracene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	120-12-7	
Atrazine	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	1912-24-9	N2
Azobenzene	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	103-33-3	N2
Benidine	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	92-87-5	
Benzo(a)anthracene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	56-55-3	
Benzo(a)pyrene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	50-32-8	
Benzo(b)fluoranthene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	205-99-2	
Benzo(g,h,i)perylene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	191-24-2	
Benzo(k)fluoranthene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	207-08-9	
Benzoic acid	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	65-85-0	
Benzyl alcohol	<18500	ug/kg	18500	5	03/18/19 12:40	03/21/19 17:45	100-51-6	
4-Bromophenylphenyl ether	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	101-55-3	
Butylbenzylphthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	85-68-7	
Caprolactam	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	105-60-2	N2
Carbazole	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	86-74-8	
4-Chloro-3-methylphenol	<18500	ug/kg	18500	5	03/18/19 12:40	03/21/19 17:45	59-50-7	
bis(2-Chloroethoxy)methane	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	111-91-1	
bis(2-Chloroethyl) ether	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	111-44-4	
bis(2-Chloroisopropyl) ether	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	108-60-1	
2-Chloronaphthalene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	91-58-7	
2-Chlorophenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	95-57-8	
4-Chlorophenylphenyl ether	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	7005-72-3	
Chrysene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	218-01-9	
Dibenz(a,h)anthracene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	53-70-3	
Dibenzofuran	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	132-64-9	
3,3'-Dichlorobenzidine	<18500	ug/kg	18500	5	03/18/19 12:40	03/21/19 17:45	91-94-1	
2,4-Dichlorophenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	120-83-2	
Diethylphthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (2-3') **Lab ID:** 50218951064 **Collected:** 03/08/19 10:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	105-67-9	
Dimethylphthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	131-11-3	
Di-n-butylphthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	84-74-2	
4,6-Dinitro-2-methylphenol	<18500	ug/kg	18500	5	03/18/19 12:40	03/21/19 17:45	534-52-1	
2,4-Dinitrophenol	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	51-28-5	
2,4-Dinitrotoluene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	121-14-2	
2,6-Dinitrotoluene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	606-20-2	
Di-n-octylphthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	117-84-0	
bis(2-Ethylhexyl)phthalate	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	117-81-7	
Fluoranthene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	206-44-0	
Fluorene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	86-73-7	
Hexachlorobenzene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	118-74-1	
Hexachlorocyclopentadiene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	77-47-4	
Hexachloroethane	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	67-72-1	
Indeno(1,2,3-cd)pyrene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	193-39-5	
Isophorone	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	78-59-1	
2-Methylnaphthalene	21500	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	91-57-6	
2-Methylphenol(o-Cresol)	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	<18500	ug/kg	18500	5	03/18/19 12:40	03/21/19 17:45		
2-Nitroaniline	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	88-74-4	
3-Nitroaniline	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	99-09-2	
4-Nitroaniline	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	100-01-6	
Nitrobenzene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	98-95-3	
2-Nitrophenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	88-75-5	
4-Nitrophenol	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	100-02-7	
N-Nitrosodimethylamine	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	62-75-9	
N-Nitroso-di-n-propylamine	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	621-64-7	
N-Nitrosodiphenylamine	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	86-30-6	
Pentachlorophenol	<44900	ug/kg	44900	5	03/18/19 12:40	03/21/19 17:45	87-86-5	
Phenanthrene	14200	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	85-01-8	
Phenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	108-95-2	ED
Pyrene	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	129-00-0	
Pyridine	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	110-86-1	
2,4,5-Trichlorophenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	95-95-4	
2,4,6-Trichlorophenol	<9260	ug/kg	9260	5	03/18/19 12:40	03/21/19 17:45	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%.	18-98	5	03/18/19 12:40	03/21/19 17:45	4165-60-0	S4
Phenol-d5 (S)	53	%.	18-108	5	03/18/19 12:40	03/21/19 17:45	4165-62-2	S4
2-Fluorophenol (S)	50	%.	16-104	5	03/18/19 12:40	03/21/19 17:45	367-12-4	S4
2,4,6-Tribromophenol (S)	65	%.	10-114	5	03/18/19 12:40	03/21/19 17:45	118-79-6	
2-Fluorobiphenyl (S)	69	%.	21-96	5	03/18/19 12:40	03/21/19 17:45	321-60-8	S4
p-Terphenyl-d14 (S)	81	%.	29-124	5	03/18/19 12:40	03/21/19 17:45	1718-51-0	S4

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<974	ug/kg	974	1	03/19/19 13:44	67-64-1
Acrylonitrile	<974	ug/kg	974	1	03/19/19 13:44	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (2-3') **Lab ID:** 50218951064 **Collected:** 03/08/19 10:15 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	71-43-2	
Bromobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	108-86-1	
Bromochloromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	74-97-5	
Bromodichloromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-27-4	
Bromoform	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-25-2	
Bromomethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	74-83-9	
2-Butanone (MEK)	<244	ug/kg	244	1		03/19/19 13:44	78-93-3	
tert-Butyl Alcohol	<487	ug/kg	487	1		03/19/19 13:44	75-65-0	L1
n-Butylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	104-51-8	
sec-Butylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	135-98-8	
tert-Butylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	98-06-6	
Carbon disulfide	<97.4	ug/kg	97.4	1		03/19/19 13:44	75-15-0	
Carbon tetrachloride	<48.7	ug/kg	48.7	1		03/19/19 13:44	56-23-5	
Chlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	108-90-7	
Chloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-00-3	
Chloroform	<48.7	ug/kg	48.7	1		03/19/19 13:44	67-66-3	
Chloromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	74-87-3	
2-Chlorotoluene	<48.7	ug/kg	48.7	1		03/19/19 13:44	95-49-8	
1,2-Dibromo-3-chloropropane	<97.4	ug/kg	97.4	1		03/19/19 13:44	96-12-8	
Dibromochloromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	124-48-1	
1,2-Dibromoethane (EDB)	<48.7	ug/kg	48.7	1		03/19/19 13:44	106-93-4	
Dibromomethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	74-95-3	
1,2-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	95-50-1	
1,3-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	541-73-1	
1,4-Dichlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	106-46-7	
trans-1,4-Dichloro-2-butene	<974	ug/kg	974	1		03/19/19 13:44	110-57-6	
Dichlorodifluoromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-71-8	
1,1-Dichloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-34-3	
1,2-Dichloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	107-06-2	
1,1-Dichloroethene	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-35-4	
cis-1,2-Dichloroethene	<48.7	ug/kg	48.7	1		03/19/19 13:44	156-59-2	
trans-1,2-Dichloroethene	<48.7	ug/kg	48.7	1		03/19/19 13:44	156-60-5	
1,2-Dichloropropane	<48.7	ug/kg	48.7	1		03/19/19 13:44	78-87-5	
cis-1,3-Dichloropropene	<48.7	ug/kg	48.7	1		03/19/19 13:44	10061-01-5	
trans-1,3-Dichloropropene	<48.7	ug/kg	48.7	1		03/19/19 13:44	10061-02-6	
Diethyl ether (Ethyl ether)	<48.7	ug/kg	48.7	1		03/19/19 13:44	60-29-7	
Ethylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	100-41-4	
2-Hexanone	<974	ug/kg	974	1		03/19/19 13:44	591-78-6	
Iodomethane	<974	ug/kg	974	1		03/19/19 13:44	74-88-4	
Isopropylbenzene (Cumene)	<48.7	ug/kg	48.7	1		03/19/19 13:44	98-82-8	
p-Isopropyltoluene	<48.7	ug/kg	48.7	1		03/19/19 13:44	99-87-6	
Methylene Chloride	<195	ug/kg	195	1		03/19/19 13:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	<244	ug/kg	244	1		03/19/19 13:44	108-10-1	
Methyl-tert-butyl ether	<48.7	ug/kg	48.7	1		03/19/19 13:44	1634-04-4	
Naphthalene	<48.7	ug/kg	48.7	1		03/19/19 13:44	91-20-3	
n-Propylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (2-3') Lab ID: 50218951064 Collected: 03/08/19 10:15 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<48.7	ug/kg	48.7	1		03/19/19 13:44	100-42-5	
1,1,1,2-Tetrachloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	630-20-6	
1,1,2,2-Tetrachloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	79-34-5	
Tetrachloroethene	<48.7	ug/kg	48.7	1		03/19/19 13:44	127-18-4	
Tetrahydrofuran	<97.4	ug/kg	97.4	1		03/19/19 13:44	109-99-9	
Toluene	<48.7	ug/kg	48.7	1		03/19/19 13:44	108-88-3	
1,2,3-Trichlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	87-61-6	
1,2,4-Trichlorobenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	120-82-1	
1,1,1-Trichloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	71-55-6	
1,1,2-Trichloroethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	79-00-5	
Trichloroethene	<48.7	ug/kg	48.7	1		03/19/19 13:44	79-01-6	
Trichlorofluoromethane	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-69-4	
1,2,3-Trichloropropane	<48.7	ug/kg	48.7	1		03/19/19 13:44	96-18-4	
1,2,3-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	526-73-8	N2
1,2,4-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	95-63-6	
1,3,5-Trimethylbenzene	<48.7	ug/kg	48.7	1		03/19/19 13:44	108-67-8	
Vinyl chloride	<48.7	ug/kg	48.7	1		03/19/19 13:44	75-01-4	
Xylene (Total)	<97.4	ug/kg	97.4	1		03/19/19 13:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/19/19 13:44	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 13:44	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/19/19 13:44	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	11.5	%	0.10	1		03/18/19 10:56

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (4-5') Lab ID: 50218951065 Collected: 03/08/19 10:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	2640	ug/kg	526	5	03/14/19 23:37	03/20/19 05:00	7440-38-2	
Barium	43800	ug/kg	526	5	03/14/19 23:37	03/20/19 05:00	7440-39-3	
Cadmium	97.3	ug/kg	52.6	1	03/14/19 23:37	03/18/19 13:54	7440-43-9	
Chromium	10700	ug/kg	1050	5	03/14/19 23:37	03/20/19 05:00	7440-47-3	
Copper	4040	ug/kg	263	5	03/14/19 23:37	03/20/19 05:00	7440-50-8	
Lead	5460	ug/kg	105	1	03/14/19 23:37	03/18/19 13:54	7439-92-1	N2
Selenium	666	ug/kg	526	5	03/14/19 23:37	03/20/19 05:00	7782-49-2	
Silver	<52.6	ug/kg	52.6	1	03/14/19 23:37	03/18/19 13:54	7440-22-4	
Zinc	21700	ug/kg	2630	5	03/14/19 23:37	03/20/19 05:00	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<227	ug/kg	227	1	03/17/19 17:55	03/18/19 09:55	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	741	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	83-32-9	
Acenaphthylene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	208-96-8	
Aniline	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	62-53-3	
Anthracene	1170	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	120-12-7	
Atrazine	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	1912-24-9	N2
Azobenzene	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	103-33-3	N2
Benidine	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	92-87-5	
Benzo(a)anthracene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	56-55-3	
Benzo(a)pyrene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	50-32-8	
Benzo(b)fluoranthene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	205-99-2	
Benzo(g,h,i)perylene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	191-24-2	
Benzo(k)fluoranthene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	207-08-9	
Benzoic acid	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	65-85-0	
Benzyl alcohol	<740	ug/kg	740	1	03/19/19 10:35	03/21/19 19:07	100-51-6	
4-Bromophenylphenyl ether	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	101-55-3	
Butylbenzylphthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	85-68-7	
Caprolactam	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	105-60-2	N2
Carbazole	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	86-74-8	
4-Chloro-3-methylphenol	<740	ug/kg	740	1	03/19/19 10:35	03/21/19 19:07	59-50-7	
bis(2-Chloroethoxy)methane	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	111-91-1	
bis(2-Chloroethyl) ether	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	111-44-4	
bis(2-Chloroisopropyl) ether	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	108-60-1	
2-Chloronaphthalene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	91-58-7	
2-Chlorophenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	95-57-8	
4-Chlorophenylphenyl ether	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	7005-72-3	
Chrysene	857	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	218-01-9	
Dibenz(a,h)anthracene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	53-70-3	
Dibenzofuran	768	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	132-64-9	
3,3'-Dichlorobenzidine	<740	ug/kg	740	1	03/19/19 10:35	03/21/19 19:07	91-94-1	
2,4-Dichlorophenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	120-83-2	
Diethylphthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (4-5') Lab ID: 50218951065 Collected: 03/08/19 10:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	105-67-9	
Dimethylphthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	131-11-3	
Di-n-butylphthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	84-74-2	
4,6-Dinitro-2-methylphenol	<740	ug/kg	740	1	03/19/19 10:35	03/21/19 19:07	534-52-1	
2,4-Dinitrophenol	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	51-28-5	
2,4-Dinitrotoluene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	121-14-2	
2,6-Dinitrotoluene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	606-20-2	
Di-n-octylphthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	117-84-0	
bis(2-Ethylhexyl)phthalate	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	117-81-7	
Fluoranthene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	206-44-0	
Fluorene	1740	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	86-73-7	
Hexachlorobenzene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	118-74-1	
Hexachlorocyclopentadiene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	77-47-4	
Hexachloroethane	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	67-72-1	
Indeno(1,2,3-cd)pyrene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	193-39-5	
Isophorone	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	78-59-1	
2-Methylnaphthalene	12500	ug/kg	1850	5	03/19/19 10:35	03/22/19 11:47	91-57-6	
2-Methylphenol(o-Cresol)	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	<740	ug/kg	740	1	03/19/19 10:35	03/21/19 19:07		
2-Nitroaniline	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	88-74-4	
3-Nitroaniline	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	99-09-2	
4-Nitroaniline	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	100-01-6	
Nitrobenzene	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	98-95-3	
2-Nitrophenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	88-75-5	
4-Nitrophenol	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	100-02-7	
N-Nitrosodimethylamine	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	62-75-9	
N-Nitroso-di-n-propylamine	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	621-64-7	
N-Nitrosodiphenylamine	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	86-30-6	
Pentachlorophenol	<1790	ug/kg	1790	1	03/19/19 10:35	03/21/19 19:07	87-86-5	
Phenanthrene	5520	ug/kg	1850	5	03/19/19 10:35	03/22/19 11:47	85-01-8	
Phenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	108-95-2	
Pyrene	2370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	129-00-0	
Pyridine	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	110-86-1	
2,4,5-Trichlorophenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	95-95-4	
2,4,6-Trichlorophenol	<370	ug/kg	370	1	03/19/19 10:35	03/21/19 19:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%.	18-98	1	03/19/19 10:35	03/21/19 19:07	4165-60-0	
Phenol-d5 (S)	73	%.	18-108	1	03/19/19 10:35	03/21/19 19:07	4165-62-2	
2-Fluorophenol (S)	74	%.	16-104	1	03/19/19 10:35	03/21/19 19:07	367-12-4	
2,4,6-Tribromophenol (S)	84	%.	10-114	1	03/19/19 10:35	03/21/19 19:07	118-79-6	
2-Fluorobiphenyl (S)	76	%.	21-96	1	03/19/19 10:35	03/21/19 19:07	321-60-8	
p-Terphenyl-d14 (S)	102	%.	29-124	1	03/19/19 10:35	03/21/19 19:07	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<890	ug/kg	890	1	03/19/19 14:16	67-64-1
Acrylonitrile	<890	ug/kg	890	1	03/19/19 14:16	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (4-5') Lab ID: 50218951065 Collected: 03/08/19 10:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	71-43-2	
Bromobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	108-86-1	
Bromochloromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	74-97-5	
Bromodichloromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-27-4	
Bromoform	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-25-2	
Bromomethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	74-83-9	
2-Butanone (MEK)	<222	ug/kg	222	1		03/19/19 14:16	78-93-3	
tert-Butyl Alcohol	<445	ug/kg	445	1		03/19/19 14:16	75-65-0	L1
n-Butylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	104-51-8	
sec-Butylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	135-98-8	
tert-Butylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	98-06-6	
Carbon disulfide	<89.0	ug/kg	89.0	1		03/19/19 14:16	75-15-0	
Carbon tetrachloride	<44.5	ug/kg	44.5	1		03/19/19 14:16	56-23-5	
Chlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	108-90-7	
Chloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-00-3	
Chloroform	<44.5	ug/kg	44.5	1		03/19/19 14:16	67-66-3	
Chloromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	74-87-3	
2-Chlorotoluene	<44.5	ug/kg	44.5	1		03/19/19 14:16	95-49-8	
1,2-Dibromo-3-chloropropane	<89.0	ug/kg	89.0	1		03/19/19 14:16	96-12-8	
Dibromochloromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	124-48-1	
1,2-Dibromoethane (EDB)	<44.5	ug/kg	44.5	1		03/19/19 14:16	106-93-4	
Dibromomethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	74-95-3	
1,2-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	95-50-1	
1,3-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	541-73-1	
1,4-Dichlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	106-46-7	
trans-1,4-Dichloro-2-butene	<890	ug/kg	890	1		03/19/19 14:16	110-57-6	
Dichlorodifluoromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-71-8	
1,1-Dichloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-34-3	
1,2-Dichloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	107-06-2	
1,1-Dichloroethene	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-35-4	
cis-1,2-Dichloroethene	<44.5	ug/kg	44.5	1		03/19/19 14:16	156-59-2	
trans-1,2-Dichloroethene	<44.5	ug/kg	44.5	1		03/19/19 14:16	156-60-5	
1,2-Dichloropropane	<44.5	ug/kg	44.5	1		03/19/19 14:16	78-87-5	
cis-1,3-Dichloropropene	<44.5	ug/kg	44.5	1		03/19/19 14:16	10061-01-5	
trans-1,3-Dichloropropene	<44.5	ug/kg	44.5	1		03/19/19 14:16	10061-02-6	
Diethyl ether (Ethyl ether)	<44.5	ug/kg	44.5	1		03/19/19 14:16	60-29-7	
Ethylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	100-41-4	
2-Hexanone	<890	ug/kg	890	1		03/19/19 14:16	591-78-6	
Iodomethane	<890	ug/kg	890	1		03/19/19 14:16	74-88-4	
Isopropylbenzene (Cumene)	<44.5	ug/kg	44.5	1		03/19/19 14:16	98-82-8	
p-Isopropyltoluene	<44.5	ug/kg	44.5	1		03/19/19 14:16	99-87-6	
Methylene Chloride	<178	ug/kg	178	1		03/19/19 14:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	<222	ug/kg	222	1		03/19/19 14:16	108-10-1	
Methyl-tert-butyl ether	<44.5	ug/kg	44.5	1		03/19/19 14:16	1634-04-4	
Naphthalene	49.9	ug/kg	44.5	1		03/19/19 14:16	91-20-3	
n-Propylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-34 (4-5') Lab ID: 50218951065 Collected: 03/08/19 10:20 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<44.5	ug/kg	44.5	1		03/19/19 14:16	100-42-5	
1,1,1,2-Tetrachloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	630-20-6	
1,1,2,2-Tetrachloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	79-34-5	
Tetrachloroethene	<44.5	ug/kg	44.5	1		03/19/19 14:16	127-18-4	
Tetrahydrofuran	<890	ug/kg	890	1		03/19/19 14:16	109-99-9	
Toluene	<44.5	ug/kg	44.5	1		03/19/19 14:16	108-88-3	
1,2,3-Trichlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	87-61-6	
1,2,4-Trichlorobenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	120-82-1	
1,1,1-Trichloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	71-55-6	
1,1,2-Trichloroethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	79-00-5	
Trichloroethene	<44.5	ug/kg	44.5	1		03/19/19 14:16	79-01-6	
Trichlorofluoromethane	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-69-4	
1,2,3-Trichloropropane	<44.5	ug/kg	44.5	1		03/19/19 14:16	96-18-4	
1,2,3-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	526-73-8	N2
1,2,4-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	95-63-6	
1,3,5-Trimethylbenzene	<44.5	ug/kg	44.5	1		03/19/19 14:16	108-67-8	
Vinyl chloride	<44.5	ug/kg	44.5	1		03/19/19 14:16	75-01-4	
Xylene (Total)	<89.0	ug/kg	89.0	1		03/19/19 14:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 14:16	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 14:16	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	56-144	1		03/19/19 14:16	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	11.9	%	0.10	1		03/18/19 10:56

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (1-2') Lab ID: 50218951066 Collected: 03/08/19 11:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	7720	ug/kg	615	5	03/14/19 23:37	03/20/19 07:05	7440-38-2	
Barium	107000	ug/kg	615	5	03/14/19 23:37	03/20/19 07:05	7440-39-3	
Cadmium	39500	ug/kg	123	2	03/14/19 23:37	03/18/19 13:58	7440-43-9	
Chromium	8450	ug/kg	1230	5	03/14/19 23:37	03/20/19 07:05	7440-47-3	
Copper	2120000	ug/kg	6150	100	03/14/19 23:37	03/19/19 16:13	7440-50-8	
Lead	687000	ug/kg	12300	100	03/14/19 23:37	03/19/19 16:13	7439-92-1	N2
Selenium	3570	ug/kg	615	5	03/14/19 23:37	03/20/19 07:05	7782-49-2	
Silver	622	ug/kg	123	2	03/14/19 23:37	03/18/19 13:58	7440-22-4	
Zinc	1040000	ug/kg	61500	100	03/14/19 23:37	03/19/19 16:13	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<266	ug/kg	266	1	03/17/19 17:55	03/18/19 09:57	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	83-32-9	
Acenaphthylene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	208-96-8	
Aniline	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	62-53-3	
Anthracene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	120-12-7	
Atrazine	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	1912-24-9	N2
Azobenzene	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	103-33-3	N2
Benidone	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	92-87-5	
Benzo(a)anthracene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	56-55-3	
Benzo(a)pyrene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	50-32-8	
Benzo(b)fluoranthene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	205-99-2	
Benzo(g,h,i)perylene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	191-24-2	
Benzo(k)fluoranthene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	207-08-9	
Benzoic acid	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	65-85-0	
Benzyl alcohol	<4220	ug/kg	4220	5	03/19/19 10:35	03/21/19 19:23	100-51-6	
4-Bromophenylphenyl ether	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	101-55-3	
Butylbenzylphthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	85-68-7	
Caprolactam	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	105-60-2	N2
Carbazole	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	86-74-8	
4-Chloro-3-methylphenol	<4220	ug/kg	4220	5	03/19/19 10:35	03/21/19 19:23	59-50-7	
bis(2-Chloroethoxy)methane	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	111-91-1	
bis(2-Chloroethyl) ether	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	111-44-4	
bis(2-Chloroisopropyl) ether	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	108-60-1	
2-Chloronaphthalene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	91-58-7	
2-Chlorophenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	95-57-8	
4-Chlorophenylphenyl ether	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	7005-72-3	
Chrysene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	218-01-9	
Dibenz(a,h)anthracene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	53-70-3	
Dibenzofuran	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	132-64-9	
3,3'-Dichlorobenzidine	<4220	ug/kg	4220	5	03/19/19 10:35	03/21/19 19:23	91-94-1	
2,4-Dichlorophenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	120-83-2	
Diethylphthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (1-2') **Lab ID:** 50218951066 **Collected:** 03/08/19 11:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	105-67-9	
Dimethylphthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	131-11-3	
Di-n-butylphthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	84-74-2	
4,6-Dinitro-2-methylphenol	<4220	ug/kg	4220	5	03/19/19 10:35	03/21/19 19:23	534-52-1	
2,4-Dinitrophenol	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	51-28-5	
2,4-Dinitrotoluene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	121-14-2	
2,6-Dinitrotoluene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	606-20-2	
Di-n-octylphthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	117-84-0	
bis(2-Ethylhexyl)phthalate	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	117-81-7	
Fluoranthene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	206-44-0	
Fluorene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	86-73-7	
Hexachlorobenzene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	118-74-1	
Hexachlorocyclopentadiene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	77-47-4	
Hexachloroethane	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	67-72-1	
Indeno(1,2,3-cd)pyrene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	193-39-5	
Isophorone	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	78-59-1	
2-Methylnaphthalene	6790	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	91-57-6	
2-Methylphenol(o-Cresol)	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	<4220	ug/kg	4220	5	03/19/19 10:35	03/21/19 19:23		
2-Nitroaniline	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	88-74-4	
3-Nitroaniline	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	99-09-2	
4-Nitroaniline	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	100-01-6	
Nitrobenzene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	98-95-3	
2-Nitrophenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	88-75-5	
4-Nitrophenol	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	100-02-7	
N-Nitrosodimethylamine	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	62-75-9	
N-Nitroso-di-n-propylamine	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	621-64-7	
N-Nitrosodiphenylamine	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	86-30-6	
Pentachlorophenol	<10200	ug/kg	10200	5	03/19/19 10:35	03/21/19 19:23	87-86-5	
Phenanthrene	2250	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	85-01-8	
Phenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	108-95-2	ED
Pyrene	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	129-00-0	
Pyridine	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	110-86-1	
2,4,5-Trichlorophenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	95-95-4	
2,4,6-Trichlorophenol	<2110	ug/kg	2110	5	03/19/19 10:35	03/21/19 19:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	11	%	18-98	5	03/19/19 10:35	03/21/19 19:23	4165-60-0	S4
Phenol-d5 (S)	22	%	18-108	5	03/19/19 10:35	03/21/19 19:23	4165-62-2	
2-Fluorophenol (S)	20	%	16-104	5	03/19/19 10:35	03/21/19 19:23	367-12-4	
2,4,6-Tribromophenol (S)	15	%	10-114	5	03/19/19 10:35	03/21/19 19:23	118-79-6	
2-Fluorobiphenyl (S)	27	%	21-96	5	03/19/19 10:35	03/21/19 19:23	321-60-8	
p-Terphenyl-d14 (S)	40	%	29-124	5	03/19/19 10:35	03/21/19 19:23	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1100	ug/kg	1100	1	03/19/19 14:48	67-64-1
Acrylonitrile	<1100	ug/kg	1100	1	03/19/19 14:48	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (1-2') **Lab ID:** 50218951066 **Collected:** 03/08/19 11:05 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	71-43-2	
Bromobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	108-86-1	
Bromochloromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	74-97-5	
Bromodichloromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-27-4	
Bromoform	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-25-2	
Bromomethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	74-83-9	
2-Butanone (MEK)	<274	ug/kg	274	1		03/19/19 14:48	78-93-3	
tert-Butyl Alcohol	<548	ug/kg	548	1		03/19/19 14:48	75-65-0	L1
n-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	104-51-8	
sec-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	135-98-8	
tert-Butylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	98-06-6	
Carbon disulfide	<110	ug/kg	110	1		03/19/19 14:48	75-15-0	
Carbon tetrachloride	<54.8	ug/kg	54.8	1		03/19/19 14:48	56-23-5	
Chlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	108-90-7	
Chloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-00-3	
Chloroform	<54.8	ug/kg	54.8	1		03/19/19 14:48	67-66-3	
Chloromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	74-87-3	
2-Chlorotoluene	<54.8	ug/kg	54.8	1		03/19/19 14:48	95-49-8	
1,2-Dibromo-3-chloropropane	<110	ug/kg	110	1		03/19/19 14:48	96-12-8	
Dibromochloromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	124-48-1	
1,2-Dibromoethane (EDB)	<54.8	ug/kg	54.8	1		03/19/19 14:48	106-93-4	
Dibromomethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	74-95-3	
1,2-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	95-50-1	
1,3-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	541-73-1	
1,4-Dichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	<1100	ug/kg	1100	1		03/19/19 14:48	110-57-6	
Dichlorodifluoromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-71-8	
1,1-Dichloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-34-3	
1,2-Dichloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	107-06-2	
1,1-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-35-4	
cis-1,2-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 14:48	156-59-2	
trans-1,2-Dichloroethene	<54.8	ug/kg	54.8	1		03/19/19 14:48	156-60-5	
1,2-Dichloropropane	<54.8	ug/kg	54.8	1		03/19/19 14:48	78-87-5	
cis-1,3-Dichloropropene	<54.8	ug/kg	54.8	1		03/19/19 14:48	10061-01-5	
trans-1,3-Dichloropropene	<54.8	ug/kg	54.8	1		03/19/19 14:48	10061-02-6	
Diethyl ether (Ethyl ether)	<54.8	ug/kg	54.8	1		03/19/19 14:48	60-29-7	
Ethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	100-41-4	
2-Hexanone	<1100	ug/kg	1100	1		03/19/19 14:48	591-78-6	
Iodomethane	<1100	ug/kg	1100	1		03/19/19 14:48	74-88-4	
Isopropylbenzene (Cumene)	<54.8	ug/kg	54.8	1		03/19/19 14:48	98-82-8	
p-Isopropyltoluene	<54.8	ug/kg	54.8	1		03/19/19 14:48	99-87-6	
Methylene Chloride	<219	ug/kg	219	1		03/19/19 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	<274	ug/kg	274	1		03/19/19 14:48	108-10-1	
Methyl-tert-butyl ether	<54.8	ug/kg	54.8	1		03/19/19 14:48	1634-04-4	
Naphthalene	<54.8	ug/kg	54.8	1		03/19/19 14:48	91-20-3	
n-Propylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (1-2') Lab ID: 50218951066 Collected: 03/08/19 11:05 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.8	ug/kg	54.8	1		03/19/19 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	79-34-5	
Tetrachloroethene	<54.8	ug/kg	54.8	1		03/19/19 14:48	127-18-4	
Tetrahydrofuran	<1100	ug/kg	1100	1		03/19/19 14:48	109-99-9	
Toluene	<54.8	ug/kg	54.8	1		03/19/19 14:48	108-88-3	
1,2,3-Trichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	87-61-6	
1,2,4-Trichlorobenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	120-82-1	
1,1,1-Trichloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	71-55-6	
1,1,2-Trichloroethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	79-00-5	
Trichloroethene	<54.8	ug/kg	54.8	1		03/19/19 14:48	79-01-6	
Trichlorofluoromethane	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-69-4	
1,2,3-Trichloropropane	<54.8	ug/kg	54.8	1		03/19/19 14:48	96-18-4	
1,2,3-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	526-73-8	N2
1,2,4-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	95-63-6	
1,3,5-Trimethylbenzene	<54.8	ug/kg	54.8	1		03/19/19 14:48	108-67-8	
Vinyl chloride	<54.8	ug/kg	54.8	1		03/19/19 14:48	75-01-4	
Xylene (Total)	<110	ug/kg	110	1		03/19/19 14:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 14:48	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 14:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 14:48	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	22.6	%	0.10	1		03/18/19 10:56

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (4-5') Lab ID: 50218951067 Collected: 03/08/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	2420	ug/kg	590	5	03/14/19 23:37	03/20/19 05:05	7440-38-2	
Barium	55500	ug/kg	590	5	03/14/19 23:37	03/20/19 05:05	7440-39-3	
Cadmium	190	ug/kg	59.0	1	03/14/19 23:37	03/18/19 14:07	7440-43-9	
Chromium	10800	ug/kg	1180	5	03/14/19 23:37	03/20/19 05:05	7440-47-3	
Copper	16800	ug/kg	295	5	03/14/19 23:37	03/20/19 05:05	7440-50-8	
Lead	8710	ug/kg	118	1	03/14/19 23:37	03/18/19 14:07	7439-92-1	N2
Selenium	797	ug/kg	590	5	03/14/19 23:37	03/20/19 05:05	7782-49-2	
Silver	<59.0	ug/kg	59.0	1	03/14/19 23:37	03/18/19 14:07	7440-22-4	
Zinc	37000	ug/kg	2950	5	03/14/19 23:37	03/20/19 05:05	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<231	ug/kg	231	1	03/17/19 17:55	03/18/19 10:00	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	83-32-9	
Acenaphthylene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	208-96-8	
Aniline	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	62-53-3	
Anthracene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	120-12-7	
Atrazine	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	1912-24-9	N2
Azobenzene	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	103-33-3	N2
Benidine	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	92-87-5	
Benzo(a)anthracene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	56-55-3	
Benzo(a)pyrene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	50-32-8	
Benzo(b)fluoranthene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	205-99-2	
Benzo(g,h,i)perylene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	191-24-2	
Benzo(k)fluoranthene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	207-08-9	
Benzoic acid	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	65-85-0	
Benzyl alcohol	<776	ug/kg	776	1	03/19/19 10:35	03/21/19 19:39	100-51-6	
4-Bromophenylphenyl ether	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	101-55-3	
Butylbenzylphthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	85-68-7	
Caprolactam	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	105-60-2	N2
Carbazole	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	86-74-8	
4-Chloro-3-methylphenol	<776	ug/kg	776	1	03/19/19 10:35	03/21/19 19:39	59-50-7	
bis(2-Chloroethoxy)methane	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	111-91-1	
bis(2-Chloroethyl) ether	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	111-44-4	
bis(2-Chloroisopropyl) ether	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	108-60-1	
2-Chloronaphthalene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	91-58-7	
2-Chlorophenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	95-57-8	
4-Chlorophenylphenyl ether	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	7005-72-3	
Chrysene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	218-01-9	
Dibenz(a,h)anthracene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	53-70-3	
Dibenzofuran	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	132-64-9	
3,3'-Dichlorobenzidine	<776	ug/kg	776	1	03/19/19 10:35	03/21/19 19:39	91-94-1	
2,4-Dichlorophenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	120-83-2	
Diethylphthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (4-5') Lab ID: 50218951067 Collected: 03/08/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	105-67-9	
Dimethylphthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	131-11-3	
Di-n-butylphthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	<776	ug/kg	776	1	03/19/19 10:35	03/21/19 19:39	534-52-1	
2,4-Dinitrophenol	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	51-28-5	
2,4-Dinitrotoluene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	121-14-2	
2,6-Dinitrotoluene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	606-20-2	
Di-n-octylphthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	117-81-7	
Fluoranthene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	206-44-0	
Fluorene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	86-73-7	
Hexachlorobenzene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	118-74-1	
Hexachlorocyclopentadiene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	77-47-4	
Hexachloroethane	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	193-39-5	
Isophorone	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	78-59-1	
2-Methylnaphthalene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	91-57-6	
2-Methylphenol(o-Cresol)	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<776	ug/kg	776	1	03/19/19 10:35	03/21/19 19:39		
2-Nitroaniline	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	88-74-4	
3-Nitroaniline	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	99-09-2	
4-Nitroaniline	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	100-01-6	
Nitrobenzene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	98-95-3	
2-Nitrophenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	88-75-5	
4-Nitrophenol	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	100-02-7	
N-Nitrosodimethylamine	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	62-75-9	
N-Nitroso-di-n-propylamine	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	621-64-7	
N-Nitrosodiphenylamine	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	86-30-6	
Pentachlorophenol	<1880	ug/kg	1880	1	03/19/19 10:35	03/21/19 19:39	87-86-5	
Phenanthrene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	85-01-8	
Phenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	108-95-2	
Pyrene	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	129-00-0	
Pyridine	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	110-86-1	
2,4,5-Trichlorophenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	95-95-4	
2,4,6-Trichlorophenol	<388	ug/kg	388	1	03/19/19 10:35	03/21/19 19:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	68	%	18-98	1	03/19/19 10:35	03/21/19 19:39	4165-60-0	
Phenol-d5 (S)	71	%	18-108	1	03/19/19 10:35	03/21/19 19:39	4165-62-2	
2-Fluorophenol (S)	71	%	16-104	1	03/19/19 10:35	03/21/19 19:39	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-114	1	03/19/19 10:35	03/21/19 19:39	118-79-6	
2-Fluorobiphenyl (S)	70	%	21-96	1	03/19/19 10:35	03/21/19 19:39	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-124	1	03/19/19 10:35	03/21/19 19:39	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1	03/19/19 15:21	67-64-1
Acrylonitrile	<1050	ug/kg	1050	1	03/19/19 15:21	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (4-5') **Lab ID:** 50218951067 **Collected:** 03/08/19 11:10 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	71-43-2	
Bromobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	108-86-1	
Bromochloromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	74-97-5	
Bromodichloromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-27-4	
Bromoform	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-25-2	
Bromomethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	74-83-9	
2-Butanone (MEK)	<263	ug/kg	263	1		03/19/19 15:21	78-93-3	
tert-Butyl Alcohol	<525	ug/kg	525	1		03/19/19 15:21	75-65-0	L1
n-Butylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	104-51-8	
sec-Butylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	135-98-8	
tert-Butylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/19/19 15:21	75-15-0	
Carbon tetrachloride	<52.5	ug/kg	52.5	1		03/19/19 15:21	56-23-5	
Chlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	108-90-7	
Chloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-00-3	
Chloroform	<52.5	ug/kg	52.5	1		03/19/19 15:21	67-66-3	
Chloromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	74-87-3	
2-Chlorotoluene	<52.5	ug/kg	52.5	1		03/19/19 15:21	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/19/19 15:21	96-12-8	
Dibromochloromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	124-48-1	
1,2-Dibromoethane (EDB)	<52.5	ug/kg	52.5	1		03/19/19 15:21	106-93-4	
Dibromomethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	74-95-3	
1,2-Dichlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	95-50-1	
1,3-Dichlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	541-73-1	
1,4-Dichlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/19/19 15:21	110-57-6	
Dichlorodifluoromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-71-8	
1,1-Dichloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-34-3	
1,2-Dichloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	107-06-2	
1,1-Dichloroethene	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-35-4	
cis-1,2-Dichloroethene	<52.5	ug/kg	52.5	1		03/19/19 15:21	156-59-2	
trans-1,2-Dichloroethene	<52.5	ug/kg	52.5	1		03/19/19 15:21	156-60-5	
1,2-Dichloropropane	<52.5	ug/kg	52.5	1		03/19/19 15:21	78-87-5	
cis-1,3-Dichloropropene	<52.5	ug/kg	52.5	1		03/19/19 15:21	10061-01-5	
trans-1,3-Dichloropropene	<52.5	ug/kg	52.5	1		03/19/19 15:21	10061-02-6	
Diethyl ether (Ethyl ether)	<52.5	ug/kg	52.5	1		03/19/19 15:21	60-29-7	
Ethylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/19/19 15:21	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/19/19 15:21	74-88-4	
Isopropylbenzene (Cumene)	<52.5	ug/kg	52.5	1		03/19/19 15:21	98-82-8	
p-Isopropyltoluene	<52.5	ug/kg	52.5	1		03/19/19 15:21	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/19/19 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	<263	ug/kg	263	1		03/19/19 15:21	108-10-1	
Methyl-tert-butyl ether	<52.5	ug/kg	52.5	1		03/19/19 15:21	1634-04-4	
Naphthalene	<52.5	ug/kg	52.5	1		03/19/19 15:21	91-20-3	
n-Propylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-35 (4-5') Lab ID: 50218951067 Collected: 03/08/19 11:10 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.5	ug/kg	52.5	1		03/19/19 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	79-34-5	
Tetrachloroethene	<52.5	ug/kg	52.5	1		03/19/19 15:21	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/19/19 15:21	109-99-9	
Toluene	<52.5	ug/kg	52.5	1		03/19/19 15:21	108-88-3	
1,2,3-Trichlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	87-61-6	
1,2,4-Trichlorobenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	120-82-1	
1,1,1-Trichloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	71-55-6	
1,1,2-Trichloroethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	79-00-5	
Trichloroethene	<52.5	ug/kg	52.5	1		03/19/19 15:21	79-01-6	
Trichlorofluoromethane	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-69-4	
1,2,3-Trichloropropane	<52.5	ug/kg	52.5	1		03/19/19 15:21	96-18-4	
1,2,3-Trimethylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	526-73-8	N2
1,2,4-Trimethylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	95-63-6	
1,3,5-Trimethylbenzene	<52.5	ug/kg	52.5	1		03/19/19 15:21	108-67-8	
Vinyl chloride	<52.5	ug/kg	52.5	1		03/19/19 15:21	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/19/19 15:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 15:21	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 15:21	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/19/19 15:21	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.5	%	0.10	1		03/18/19 10:56

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (2-3') Lab ID: 50218951068 Collected: 03/08/19 11:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	1580	ug/kg	110	1	03/14/19 23:37	03/18/19 14:21	7440-38-2	
Barium	30800	ug/kg	549	5	03/14/19 23:37	03/20/19 07:14	7440-39-3	
Cadmium	293000	ug/kg	5490	100	03/14/19 23:37	03/19/19 16:45	7440-43-9	
Chromium	6820	ug/kg	220	1	03/14/19 23:37	03/18/19 14:21	7440-47-3	
Copper	13900000	ug/kg	54900	1000	03/14/19 23:37	03/19/19 16:17	7440-50-8	
Lead	1260000	ug/kg	11000	100	03/14/19 23:37	03/19/19 16:45	7439-92-1	N2
Selenium	344	ug/kg	110	1	03/14/19 23:37	03/18/19 14:21	7782-49-2	
Silver	3430	ug/kg	54.9	1	03/14/19 23:37	03/18/19 14:21	7440-22-4	
Zinc	3550000	ug/kg	549000	1000	03/14/19 23:37	03/19/19 16:17	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<218	ug/kg	218	1	03/17/19 17:55	03/18/19 10:02	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	713	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	83-32-9	
Acenaphthylene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	208-96-8	
Aniline	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	62-53-3	
Anthracene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	120-12-7	
Atrazine	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	1912-24-9	N2
Azobenzene	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	103-33-3	N2
Benidine	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	92-87-5	
Benzo(a)anthracene	423	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	56-55-3	
Benzo(a)pyrene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	50-32-8	
Benzo(b)fluoranthene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	205-99-2	
Benzo(g,h,i)perylene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	191-24-2	
Benzo(k)fluoranthene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	207-08-9	
Benzoic acid	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	65-85-0	
Benzyl alcohol	<722	ug/kg	722	1	03/19/19 10:35	03/21/19 19:56	100-51-6	
4-Bromophenylphenyl ether	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	101-55-3	
Butylbenzylphthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	85-68-7	
Caprolactam	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	105-60-2	N2
Carbazole	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	86-74-8	
4-Chloro-3-methylphenol	<722	ug/kg	722	1	03/19/19 10:35	03/21/19 19:56	59-50-7	
bis(2-Chloroethoxy)methane	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	111-91-1	
bis(2-Chloroethyl) ether	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	111-44-4	
bis(2-Chloroisopropyl) ether	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	108-60-1	
2-Chloronaphthalene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	91-58-7	
2-Chlorophenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	95-57-8	
4-Chlorophenylphenyl ether	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	7005-72-3	
Chrysene	1540	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	218-01-9	
Dibenz(a,h)anthracene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	53-70-3	
Dibenzofuran	802	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	132-64-9	
3,3'-Dichlorobenzidine	<722	ug/kg	722	1	03/19/19 10:35	03/21/19 19:56	91-94-1	
2,4-Dichlorophenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	120-83-2	
Diethylphthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (2-3') **Lab ID:** 50218951068 **Collected:** 03/08/19 11:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	105-67-9	
Dimethylphthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	131-11-3	
Di-n-butylphthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	84-74-2	
4,6-Dinitro-2-methylphenol	<722	ug/kg	722	1	03/19/19 10:35	03/21/19 19:56	534-52-1	
2,4-Dinitrophenol	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	51-28-5	
2,4-Dinitrotoluene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	121-14-2	
2,6-Dinitrotoluene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	606-20-2	
Di-n-octylphthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	117-84-0	
bis(2-Ethylhexyl)phthalate	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	117-81-7	
Fluoranthene	807	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	206-44-0	
Fluorene	1790	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	86-73-7	
Hexachlorobenzene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	118-74-1	
Hexachlorocyclopentadiene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	77-47-4	
Hexachloroethane	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	67-72-1	
Indeno(1,2,3-cd)pyrene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	193-39-5	
Isophorone	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	78-59-1	
2-Methylnaphthalene	9330	ug/kg	1810	5	03/19/19 10:35	03/22/19 12:04	91-57-6	
2-Methylphenol(o-Cresol)	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	<722	ug/kg	722	1	03/19/19 10:35	03/21/19 19:56		
2-Nitroaniline	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	88-74-4	
3-Nitroaniline	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	99-09-2	
4-Nitroaniline	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	100-01-6	
Nitrobenzene	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	98-95-3	
2-Nitrophenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	88-75-5	
4-Nitrophenol	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	100-02-7	
N-Nitrosodimethylamine	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	62-75-9	
N-Nitroso-di-n-propylamine	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	621-64-7	
N-Nitrosodiphenylamine	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	86-30-6	
Pentachlorophenol	<1750	ug/kg	1750	1	03/19/19 10:35	03/21/19 19:56	87-86-5	
Phenanthrene	5740	ug/kg	1810	5	03/19/19 10:35	03/22/19 12:04	85-01-8	
Phenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	108-95-2	
Pyrene	2580	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	129-00-0	
Pyridine	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	110-86-1	
2,4,5-Trichlorophenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	95-95-4	
2,4,6-Trichlorophenol	<361	ug/kg	361	1	03/19/19 10:35	03/21/19 19:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	50	%.	18-98	1	03/19/19 10:35	03/21/19 19:56	4165-60-0	
Phenol-d5 (S)	38	%.	18-108	1	03/19/19 10:35	03/21/19 19:56	4165-62-2	
2-Fluorophenol (S)	34	%.	16-104	1	03/19/19 10:35	03/21/19 19:56	367-12-4	
2,4,6-Tribromophenol (S)	47	%.	10-114	1	03/19/19 10:35	03/21/19 19:56	118-79-6	
2-Fluorobiphenyl (S)	42	%.	21-96	1	03/19/19 10:35	03/21/19 19:56	321-60-8	
p-Terphenyl-d14 (S)	47	%.	29-124	1	03/19/19 10:35	03/21/19 19:56	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1390	ug/kg	1390	1	03/19/19 15:53	67-64-1
Acrylonitrile	<1390	ug/kg	1390	1	03/19/19 15:53	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (2-3') **Lab ID:** 50218951068 **Collected:** 03/08/19 11:30 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	71-43-2	
Bromobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	108-86-1	
Bromochloromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	74-97-5	
Bromodichloromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-27-4	
Bromoform	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-25-2	
Bromomethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	74-83-9	
2-Butanone (MEK)	<348	ug/kg	348	1		03/19/19 15:53	78-93-3	
tert-Butyl Alcohol	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-65-0	L1
n-Butylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	104-51-8	
sec-Butylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	135-98-8	
tert-Butylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	98-06-6	
Carbon disulfide	<139	ug/kg	139	1		03/19/19 15:53	75-15-0	
Carbon tetrachloride	<69.7	ug/kg	69.7	1		03/19/19 15:53	56-23-5	
Chlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	108-90-7	
Chloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-00-3	
Chloroform	<69.7	ug/kg	69.7	1		03/19/19 15:53	67-66-3	
Chloromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	74-87-3	
2-Chlorotoluene	<69.7	ug/kg	69.7	1		03/19/19 15:53	95-49-8	
1,2-Dibromo-3-chloropropane	<139	ug/kg	139	1		03/19/19 15:53	96-12-8	
Dibromochloromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	124-48-1	
1,2-Dibromoethane (EDB)	<69.7	ug/kg	69.7	1		03/19/19 15:53	106-93-4	
Dibromomethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	74-95-3	
1,2-Dichlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	95-50-1	
1,3-Dichlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	541-73-1	
1,4-Dichlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	106-46-7	
trans-1,4-Dichloro-2-butene	<1390	ug/kg	1390	1		03/19/19 15:53	110-57-6	
Dichlorodifluoromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-71-8	
1,1-Dichloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-34-3	
1,2-Dichloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	107-06-2	
1,1-Dichloroethene	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-35-4	
cis-1,2-Dichloroethene	<69.7	ug/kg	69.7	1		03/19/19 15:53	156-59-2	
trans-1,2-Dichloroethene	<69.7	ug/kg	69.7	1		03/19/19 15:53	156-60-5	
1,2-Dichloropropane	<69.7	ug/kg	69.7	1		03/19/19 15:53	78-87-5	
cis-1,3-Dichloropropene	<69.7	ug/kg	69.7	1		03/19/19 15:53	10061-01-5	
trans-1,3-Dichloropropene	<69.7	ug/kg	69.7	1		03/19/19 15:53	10061-02-6	
Diethyl ether (Ethyl ether)	<69.7	ug/kg	69.7	1		03/19/19 15:53	60-29-7	
Ethylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	100-41-4	
2-Hexanone	<1390	ug/kg	1390	1		03/19/19 15:53	591-78-6	
Iodomethane	<1390	ug/kg	1390	1		03/19/19 15:53	74-88-4	
Isopropylbenzene (Cumene)	<69.7	ug/kg	69.7	1		03/19/19 15:53	98-82-8	
p-Isopropyltoluene	<69.7	ug/kg	69.7	1		03/19/19 15:53	99-87-6	
Methylene Chloride	<279	ug/kg	279	1		03/19/19 15:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	<348	ug/kg	348	1		03/19/19 15:53	108-10-1	
Methyl-tert-butyl ether	<69.7	ug/kg	69.7	1		03/19/19 15:53	1634-04-4	
Naphthalene	<69.7	ug/kg	69.7	1		03/19/19 15:53	91-20-3	
n-Propylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (2-3') **Lab ID: 50218951068** Collected: 03/08/19 11:30 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<69.7	ug/kg	69.7	1		03/19/19 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	79-34-5	
Tetrachloroethene	<69.7	ug/kg	69.7	1		03/19/19 15:53	127-18-4	
Tetrahydrofuran	<1390	ug/kg	1390	1		03/19/19 15:53	109-99-9	
Toluene	<69.7	ug/kg	69.7	1		03/19/19 15:53	108-88-3	
1,2,3-Trichlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	87-61-6	
1,2,4-Trichlorobenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	120-82-1	
1,1,1-Trichloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	71-55-6	
1,1,2-Trichloroethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	79-00-5	
Trichloroethene	<69.7	ug/kg	69.7	1		03/19/19 15:53	79-01-6	
Trichlorofluoromethane	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-69-4	
1,2,3-Trichloropropane	<69.7	ug/kg	69.7	1		03/19/19 15:53	96-18-4	
1,2,3-Trimethylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	526-73-8	N2
1,2,4-Trimethylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	95-63-6	
1,3,5-Trimethylbenzene	<69.7	ug/kg	69.7	1		03/19/19 15:53	108-67-8	
Vinyl chloride	<69.7	ug/kg	69.7	1		03/19/19 15:53	75-01-4	
Xylene (Total)	<139	ug/kg	139	1		03/19/19 15:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/19/19 15:53	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 15:53	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/19/19 15:53	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	9.8	%	0.10	1		03/18/19 10:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (5-6') **Lab ID:** 50218951069 **Collected:** 03/08/19 11:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4190	ug/kg	1170	10	03/14/19 23:37	03/20/19 05:09	7440-38-2	
Barium	150000	ug/kg	1170	10	03/14/19 23:37	03/20/19 05:09	7440-39-3	
Cadmium	1580	ug/kg	58.6	1	03/14/19 23:37	03/18/19 14:26	7440-43-9	
Chromium	24100	ug/kg	1170	5	03/14/19 23:37	03/20/19 06:51	7440-47-3	
Copper	25700	ug/kg	293	5	03/14/19 23:37	03/20/19 06:51	7440-50-8	
Lead	13900	ug/kg	117	1	03/14/19 23:37	03/18/19 14:26	7439-92-1	N2
Selenium	1230	ug/kg	1170	10	03/14/19 23:37	03/20/19 05:09	7782-49-2	
Silver	128	ug/kg	58.6	1	03/14/19 23:37	03/18/19 14:26	7440-22-4	
Zinc	59600	ug/kg	2930	5	03/14/19 23:37	03/20/19 06:51	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<245	ug/kg	245	1	03/17/19 17:55	03/18/19 10:05	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	83-32-9	
Acenaphthylene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	208-96-8	
Aniline	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	62-53-3	
Anthracene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	120-12-7	
Atrazine	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	1912-24-9	N2
Azobenzene	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	103-33-3	N2
Benidine	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	92-87-5	
Benzo(a)anthracene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	56-55-3	
Benzo(a)pyrene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	50-32-8	
Benzo(b)fluoranthene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	205-99-2	
Benzo(g,h,i)perylene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	191-24-2	
Benzo(k)fluoranthene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	207-08-9	
Benzoic acid	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	65-85-0	
Benzyl alcohol	<821	ug/kg	821	1	03/19/19 10:35	03/21/19 20:12	100-51-6	
4-Bromophenylphenyl ether	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	101-55-3	
Butylbenzylphthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	85-68-7	
Caprolactam	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	105-60-2	N2
Carbazole	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	86-74-8	
4-Chloro-3-methylphenol	<821	ug/kg	821	1	03/19/19 10:35	03/21/19 20:12	59-50-7	
bis(2-Chloroethoxy)methane	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	111-91-1	
bis(2-Chloroethyl) ether	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	111-44-4	
bis(2-Chloroisopropyl) ether	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	108-60-1	
2-Chloronaphthalene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	91-58-7	
2-Chlorophenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	95-57-8	
4-Chlorophenylphenyl ether	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	7005-72-3	
Chrysene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	218-01-9	
Dibenz(a,h)anthracene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	53-70-3	
Dibenzofuran	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	132-64-9	
3,3'-Dichlorobenzidine	<821	ug/kg	821	1	03/19/19 10:35	03/21/19 20:12	91-94-1	
2,4-Dichlorophenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	120-83-2	
Diethylphthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (5-6') **Lab ID:** 50218951069 **Collected:** 03/08/19 11:35 **Received:** 03/08/19 16:05 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	105-67-9	
Dimethylphthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	131-11-3	
Di-n-butylphthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	84-74-2	
4,6-Dinitro-2-methylphenol	<821	ug/kg	821	1	03/19/19 10:35	03/21/19 20:12	534-52-1	
2,4-Dinitrophenol	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	51-28-5	
2,4-Dinitrotoluene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	121-14-2	
2,6-Dinitrotoluene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	606-20-2	
Di-n-octylphthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	117-84-0	
bis(2-Ethylhexyl)phthalate	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	117-81-7	
Fluoranthene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	206-44-0	
Fluorene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	86-73-7	
Hexachlorobenzene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	118-74-1	
Hexachlorocyclopentadiene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	77-47-4	
Hexachloroethane	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	67-72-1	
Indeno(1,2,3-cd)pyrene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	193-39-5	
Isophorone	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	78-59-1	
2-Methylnaphthalene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	91-57-6	
2-Methylphenol(o-Cresol)	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	<821	ug/kg	821	1	03/19/19 10:35	03/21/19 20:12		
2-Nitroaniline	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	88-74-4	
3-Nitroaniline	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	99-09-2	
4-Nitroaniline	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	100-01-6	
Nitrobenzene	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	98-95-3	
2-Nitrophenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	88-75-5	
4-Nitrophenol	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	100-02-7	
N-Nitrosodimethylamine	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	62-75-9	
N-Nitroso-di-n-propylamine	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	621-64-7	
N-Nitrosodiphenylamine	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	86-30-6	
Pentachlorophenol	<1990	ug/kg	1990	1	03/19/19 10:35	03/21/19 20:12	87-86-5	
Phenanthrene	1080	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	85-01-8	
Phenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	108-95-2	
Pyrene	529	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	129-00-0	
Pyridine	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	110-86-1	
2,4,5-Trichlorophenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	95-95-4	
2,4,6-Trichlorophenol	<410	ug/kg	410	1	03/19/19 10:35	03/21/19 20:12	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	9	%	18-98	1	03/19/19 10:35	03/21/19 20:12	4165-60-0	S5
Phenol-d5 (S)	48	%	18-108	1	03/19/19 10:35	03/21/19 20:12	4165-62-2	
2-Fluorophenol (S)	43	%	16-104	1	03/19/19 10:35	03/21/19 20:12	367-12-4	
2,4,6-Tribromophenol (S)	34	%	10-114	1	03/19/19 10:35	03/21/19 20:12	118-79-6	
2-Fluorobiphenyl (S)	23	%	21-96	1	03/19/19 10:35	03/21/19 20:12	321-60-8	
p-Terphenyl-d14 (S)	51	%	29-124	1	03/19/19 10:35	03/21/19 20:12	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1040	ug/kg	1040	1	03/19/19 16:09	67-64-1
Acrylonitrile	<1040	ug/kg	1040	1	03/19/19 16:09	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (5-6') Lab ID: 50218951069 Collected: 03/08/19 11:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	71-43-2	
Bromobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	108-86-1	
Bromochloromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	74-97-5	
Bromodichloromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-27-4	
Bromoform	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-25-2	
Bromomethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	74-83-9	
2-Butanone (MEK)	<260	ug/kg	260	1		03/19/19 16:09	78-93-3	
tert-Butyl Alcohol	<520	ug/kg	520	1		03/19/19 16:09	75-65-0	
n-Butylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	104-51-8	
sec-Butylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	135-98-8	
tert-Butylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	98-06-6	
Carbon disulfide	<104	ug/kg	104	1		03/19/19 16:09	75-15-0	
Carbon tetrachloride	<52.0	ug/kg	52.0	1		03/19/19 16:09	56-23-5	
Chlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	108-90-7	
Chloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-00-3	
Chloroform	<52.0	ug/kg	52.0	1		03/19/19 16:09	67-66-3	
Chloromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	74-87-3	
2-Chlorotoluene	<52.0	ug/kg	52.0	1		03/19/19 16:09	95-49-8	
1,2-Dibromo-3-chloropropane	<104	ug/kg	104	1		03/19/19 16:09	96-12-8	
Dibromochloromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	124-48-1	
1,2-Dibromoethane (EDB)	<52.0	ug/kg	52.0	1		03/19/19 16:09	106-93-4	
Dibromomethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	74-95-3	
1,2-Dichlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	95-50-1	
1,3-Dichlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	541-73-1	
1,4-Dichlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	106-46-7	
trans-1,4-Dichloro-2-butene	<1040	ug/kg	1040	1		03/19/19 16:09	110-57-6	
Dichlorodifluoromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-71-8	
1,1-Dichloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-34-3	
1,2-Dichloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	107-06-2	
1,1-Dichloroethene	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-35-4	
cis-1,2-Dichloroethene	<52.0	ug/kg	52.0	1		03/19/19 16:09	156-59-2	
trans-1,2-Dichloroethene	<52.0	ug/kg	52.0	1		03/19/19 16:09	156-60-5	
1,2-Dichloropropane	<52.0	ug/kg	52.0	1		03/19/19 16:09	78-87-5	
cis-1,3-Dichloropropene	<52.0	ug/kg	52.0	1		03/19/19 16:09	10061-01-5	
trans-1,3-Dichloropropene	<52.0	ug/kg	52.0	1		03/19/19 16:09	10061-02-6	
Diethyl ether (Ethyl ether)	<52.0	ug/kg	52.0	1		03/19/19 16:09	60-29-7	
Ethylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	100-41-4	
2-Hexanone	<1040	ug/kg	1040	1		03/19/19 16:09	591-78-6	
Iodomethane	<1040	ug/kg	1040	1		03/19/19 16:09	74-88-4	
Isopropylbenzene (Cumene)	<52.0	ug/kg	52.0	1		03/19/19 16:09	98-82-8	
p-Isopropyltoluene	<52.0	ug/kg	52.0	1		03/19/19 16:09	99-87-6	
Methylene Chloride	<208	ug/kg	208	1		03/19/19 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	<260	ug/kg	260	1		03/19/19 16:09	108-10-1	
Methyl-tert-butyl ether	<52.0	ug/kg	52.0	1		03/19/19 16:09	1634-04-4	L1
Naphthalene	<52.0	ug/kg	52.0	1		03/19/19 16:09	91-20-3	
n-Propylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Sample: 7C-11031-SB-36 (5-6') Lab ID: 50218951069 Collected: 03/08/19 11:35 Received: 03/08/19 16:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.0	ug/kg	52.0	1		03/19/19 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	79-34-5	
Tetrachloroethene	<52.0	ug/kg	52.0	1		03/19/19 16:09	127-18-4	
Tetrahydrofuran	<1040	ug/kg	1040	1		03/19/19 16:09	109-99-9	
Toluene	<52.0	ug/kg	52.0	1		03/19/19 16:09	108-88-3	
1,2,3-Trichlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	87-61-6	
1,2,4-Trichlorobenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	120-82-1	
1,1,1-Trichloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	71-55-6	
1,1,2-Trichloroethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	79-00-5	
Trichloroethene	<52.0	ug/kg	52.0	1		03/19/19 16:09	79-01-6	
Trichlorofluoromethane	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-69-4	
1,2,3-Trichloropropane	<52.0	ug/kg	52.0	1		03/19/19 16:09	96-18-4	
1,2,3-Trimethylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	526-73-8	N2
1,2,4-Trimethylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	95-63-6	
1,3,5-Trimethylbenzene	<52.0	ug/kg	52.0	1		03/19/19 16:09	108-67-8	
Vinyl chloride	<52.0	ug/kg	52.0	1		03/19/19 16:09	75-01-4	
Xylene (Total)	<104	ug/kg	104	1		03/19/19 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 16:09	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 16:09	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 16:09	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.1	%	0.10	1		03/18/19 10:57

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	488986	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014		

METHOD BLANK:	2254799	Matrix:	Solid
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/kg	<195	195	03/14/19 09:18	

LABORATORY CONTROL SAMPLE: 2254800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	492	505	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254801 2254802

Parameter	Units	50218821001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	ND	585	620	623	678	105	108	75-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	488987	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034		

METHOD BLANK:	2254803	Matrix:	Solid
Associated Lab Samples:	50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/kg	<189	189	03/14/19 10:34	

LABORATORY CONTROL SAMPLE: 2254804						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	479	503	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:				2254805	2254806							
Parameter	Units	50218951015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	<227	622	606	797	784	104	104	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489153	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054		

METHOD BLANK:	2256063	Matrix:	Solid
Associated Lab Samples:	50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/kg	<197	197	03/19/19 20:34	

LABORATORY CONTROL SAMPLE: 2256064						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ua/ka	508	515	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:				2256065	2256066							
Parameter	Units	50218951035	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
		Result	Spike Conc.	Spike Conc.								Result
Mercury	ug/kg	<228	580	549	630	627	93	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489154	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068, 50218951069		

METHOD BLANK: 2256067 Matrix: Solid

Associated Lab Samples: 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068, 50218951069

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/kg	<197	197	03/18/19 09:16	

LABORATORY CONTROL SAMPLE: 2256068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	484	495	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2256069 2256070

Parameter	Units	50218951055 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	<237	601	607	617	623	101	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	488707	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014		

METHOD BLANK: 2253549 Matrix: Solid
Associated Lab Samples: 50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/kg	<97.5	97.5	03/14/19 18:58	P8
Barium	ug/kg	355	97.5	03/14/19 18:58	
Cadmium	ug/kg	<48.8	48.8	03/14/19 18:58	
Chromium	ug/kg	<195	195	03/14/19 18:58	N2
Copper	ug/kg	<48.8	48.8	03/14/19 18:58	
Lead	ug/kg	<97.5	97.5	03/14/19 18:58	
Selenium	ug/kg	<97.5	97.5	03/14/19 18:58	
Silver	ug/kg	<48.8	48.8	03/14/19 18:58	
Zinc	ug/kg	<488	488	03/14/19 18:58	

LABORATORY CONTROL SAMPLE: 2253550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	3780	3480	92	80-120	N2
Barium	ug/kg	3780	3840	102	80-120	
Cadmium	ug/kg	3780	3670	97	80-120	
Chromium	ug/kg	3780	4150	110	80-120	
Copper	ug/kg	3780	3780	100	80-120	
Lead	ug/kg	3780	3830	101	80-120	
Selenium	ug/kg	3780	3330	88	80-120	
Silver	ug/kg	3780	3900	103	80-120	
Zinc	ug/kg	3780	3380	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253551 2253552

Parameter	Units	50218951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	8080	4880	4750	8350	10200	6	44	75-125	20	20	M3
Barium	ug/kg	248000	4880	4750	2240000	380000	40800	2780	75-125	142	20	1d,P6
Cadmium	ug/kg	558	4880	4750	4800	4740	87	88	75-125	1	20	
Chromium	ug/kg	18900	4880	4750	21300	20300	50	30	75-125	5	20	M3
Copper	ug/kg	48000	4880	4750	26100	47200	-449	-17	75-125	58	20	1d,P6
Lead	ug/kg	613000	4880	4750	236000	235000	-7730	-7950	75-125	0	20	N2,P6
Selenium	ug/kg	609	4880	4750	4250	4310	75	78	75-125	1	20	
Silver	ug/kg	334	4880	4750	4660	4800	89	94	75-125	3	20	
Zinc	ug/kg	185000	4880	4750	254000	165000	1410	-419	75-125	42	20	1d,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	488708	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
Associated Lab Samples:	50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034		

METHOD BLANK: 2253553 Matrix: Solid
Associated Lab Samples: 50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/kg	<100	100	03/15/19 05:34	
Barium	ug/kg	<100	100	03/15/19 05:34	
Cadmium	ug/kg	<50.0	50.0	03/15/19 05:34	
Chromium	ug/kg	<200	200	03/15/19 05:34	
Copper	ug/kg	<50.0	50.0	03/15/19 05:34	
Lead	ug/kg	<100	100	03/15/19 05:34	N2
Selenium	ug/kg	<100	100	03/15/19 05:34	
Silver	ug/kg	<50.0	50.0	03/15/19 05:34	
Zinc	ug/kg	<500	500	03/15/19 05:34	

LABORATORY CONTROL SAMPLE: 2253554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	4000	3630	91	80-120	
Barium	ug/kg	4000	4060	102	80-120	
Cadmium	ug/kg	4000	3810	95	80-120	
Chromium	ug/kg	4000	4000	100	80-120	
Copper	ug/kg	4000	3870	97	80-120	
Lead	ug/kg	4000	4160	104	80-120	N2
Selenium	ug/kg	4000	3790	95	80-120	
Silver	ug/kg	4000	3930	98	80-120	
Zinc	ug/kg	4000	3610	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253555 2253556

Parameter	Units	50218951015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	9960	4590	4420	9040	10200	-20	5	75-125	12	20	M3
Barium	ug/kg	153000	4590	4420	184000	197000	663	988	75-125	7	20	P6
Cadmium	ug/kg	1230000	4590	4420	480000	289000	-16300	-21300	75-125	50	20	2d,P6
Chromium	ug/kg	19200	4590	4420	25500	35600	137	372	75-125	33	20	2d,M3
Copper	ug/kg	10600000	4590	4420	2920000	2940000	-167000	-174000	75-125	1	20	P6
Lead	ug/kg	2930000	4590	4420	1380000	1260000	-33900	-38000	75-125	9	20	N2,P6
Selenium	ug/kg	1220	4590	4420	3870	4290	58	70	75-125	10	20	M3
Silver	ug/kg	8740	4590	4420	6850	6040	-41	-61	75-125	13	20	M3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253555 2253556												
Parameter	Units	50218951015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Zinc	ug/kg	1290000	4590	4420	1130000	942000	-3550	-7870	75-125	18	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	488709	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
Associated Lab Samples:	50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054		

METHOD BLANK: 2253557

Matrix: Solid

Associated Lab Samples: 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/kg	<100	100	03/15/19 19:47	
Barium	ug/kg	<100	100	03/15/19 19:47	
Cadmium	ug/kg	<50.0	50.0	03/15/19 19:47	
Chromium	ug/kg	<200	200	03/15/19 19:47	
Copper	ug/kg	<50.0	50.0	03/15/19 19:47	
Lead	ug/kg	<100	100	03/15/19 19:47	N2
Selenium	ug/kg	<100	100	03/15/19 19:47	
Silver	ug/kg	<50.0	50.0	03/15/19 19:47	
Zinc	ug/kg	<500	500	03/15/19 19:47	

LABORATORY CONTROL SAMPLE: 2253558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	4000	3770	94	80-120	
Barium	ug/kg	4000	4010	100	80-120	
Cadmium	ug/kg	4000	3910	98	80-120	
Chromium	ug/kg	4000	4240	106	80-120	
Copper	ug/kg	4000	3950	99	80-120	
Lead	ug/kg	4000	4000	100	80-120	N2
Selenium	ug/kg	4000	3660	92	80-120	
Silver	ug/kg	4000	4200	105	80-120	
Zinc	ug/kg	4000	3620	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253559 2253560

Parameter	Units	50218951035 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	10100	4550	4450	11300	12100	27	47	75-125	7	20	M3
Barium	ug/kg	64600	4550	4450	70500	78400	128	310	75-125	11	20	M3
Cadmium	ug/kg	93500	4550	4450	108000	105000	309	259	75-125	2	20	M3
Chromium	ug/kg	14800	4550	4450	20600	21200	126	144	75-125	3	20	M3
Copper	ug/kg	24700	4550	4450	24300	23800	-9	-20	75-125	2	20	M3
Lead	ug/kg	56800	4550	4450	45800	49100	-243	-175	75-125	7	20	M3,N2
Selenium	ug/kg	<2660	4550	4450	4820	4660	91	89	75-125	3	20	
Silver	ug/kg	<53.1	4550	4450	4070	4110	89	92	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253559 2253560												
Parameter	Units	50218951035 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Zinc	ug/kg	4330000	4550	4450	4080000	3970000	-5370	-7960	75-125	3	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	488710	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
Associated Lab Samples:	50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068, 50218951069		

METHOD BLANK: 2253561 Matrix: Solid
Associated Lab Samples: 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068, 50218951069

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/kg	<99.8	99.8	03/18/19 11:41	
Barium	ug/kg	<99.8	99.8	03/18/19 11:41	
Cadmium	ug/kg	<49.9	49.9	03/18/19 11:41	
Chromium	ug/kg	<200	200	03/18/19 11:41	
Copper	ug/kg	<49.9	49.9	03/18/19 11:41	
Lead	ug/kg	<99.8	99.8	03/18/19 11:41	N2
Selenium	ug/kg	<99.8	99.8	03/18/19 11:41	
Silver	ug/kg	<49.9	49.9	03/18/19 11:41	
Zinc	ug/kg	<499	499	03/18/19 11:41	

LABORATORY CONTROL SAMPLE: 2253562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	3880	3570	92	80-120	
Barium	ug/kg	3880	3750	97	80-120	
Cadmium	ug/kg	3880	3660	94	80-120	
Chromium	ug/kg	3880	3860	100	80-120	
Copper	ug/kg	3880	3850	99	80-120	
Lead	ug/kg	3880	4030	104	80-120	N2
Selenium	ug/kg	3880	3650	94	80-120	
Silver	ug/kg	3880	3880	100	80-120	
Zinc	ug/kg	3880	3610	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253563 2253564

Parameter	Units	50218951055 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	3450	4600	4660	6020	5990	56	55	75-125	1	20	M3
Barium	ug/kg	30400	4600	4660	34900	26100	98	-93	75-125	29	20	2d,P6
Cadmium	ug/kg	5180	4600	4660	8490	7250	72	44	75-125	16	20	M3
Chromium	ug/kg	6610	4600	4660	9210	7740	57	24	75-125	17	20	M3
Copper	ug/kg	2240000	4600	4660	1570000	467000	-14500	-38100	75-125	108	20	2d,P6
Lead	ug/kg	408000	4600	4660	277000	48300	-2840	-7700	75-125	141	20	2d,N2, P6
Selenium	ug/kg	<588	4600	4660	3860	4720	74	92	75-125	20	20	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253563 2253564												
Parameter	Units	50218951055 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max	
			Spike Conc.	Spike Conc.							RPD	Qual
Silver	ug/kg	501	4600	4660	4580	4600	89	88	75-125	0	20	
Zinc	ug/kg	1070000	4600	4660	804000	233000	-5810	-18000	75-125	110	20	2d,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	490081	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035 Volatile Organics
Associated Lab Samples:	50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068		

METHOD BLANK: 2260638 Matrix: Solid
Associated Lab Samples: 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,1,1-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,1,2,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,1,2-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,1-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,1-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2,3-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2,3-Trichloropropane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2,4-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2,4-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2-Dibromo-3-chloropropane	ug/kg	<100	100	03/19/19 06:08	
1,2-Dibromoethane (EDB)	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,2-Dichloropropane	ug/kg	<50.0	50.0	03/19/19 06:08	
1,3,5-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,3-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
1,4-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
2-Butanone (MEK)	ug/kg	<250	250	03/19/19 06:08	
2-Chlorotoluene	ug/kg	<50.0	50.0	03/19/19 06:08	
2-Hexanone	ug/kg	<1000	1000	03/19/19 06:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	<250	250	03/19/19 06:08	
Acetone	ug/kg	<1000	1000	03/19/19 06:08	
Acrylonitrile	ug/kg	<1000	1000	03/19/19 06:08	
Benzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Bromobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Bromochloromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Bromodichloromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Bromoform	ug/kg	<50.0	50.0	03/19/19 06:08	
Bromomethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Carbon disulfide	ug/kg	<100	100	03/19/19 06:08	
Carbon tetrachloride	ug/kg	<50.0	50.0	03/19/19 06:08	
Chlorobenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Chloroethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Chloroform	ug/kg	<50.0	50.0	03/19/19 06:08	
Chloromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
cis-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 06:08	
cis-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 06:08	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2260638

Matrix: Solid

Associated Lab Samples: 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Dibromomethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Dichlorodifluoromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Diethyl ether (Ethyl ether)	ug/kg	<50.0	50.0	03/19/19 06:08	
Ethylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Iodomethane	ug/kg	<1000	1000	03/19/19 06:08	
Isopropylbenzene (Cumene)	ug/kg	<50.0	50.0	03/19/19 06:08	
Methyl-tert-butyl ether	ug/kg	<50.0	50.0	03/19/19 06:08	
Methylene Chloride	ug/kg	<200	200	03/19/19 06:08	
n-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
n-Propylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Naphthalene	ug/kg	<50.0	50.0	03/19/19 06:08	
p-Isopropyltoluene	ug/kg	<50.0	50.0	03/19/19 06:08	
sec-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Styrene	ug/kg	<50.0	50.0	03/19/19 06:08	
tert-Butyl Alcohol	ug/kg	<500	500	03/19/19 06:08	
tert-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 06:08	
Tetrachloroethene	ug/kg	<50.0	50.0	03/19/19 06:08	
Tetrahydrofuran	ug/kg	<1000	1000	03/19/19 06:08	
Toluene	ug/kg	<50.0	50.0	03/19/19 06:08	
trans-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 06:08	
trans-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 06:08	
trans-1,4-Dichloro-2-butene	ug/kg	<1000	1000	03/19/19 06:08	
Trichloroethene	ug/kg	<50.0	50.0	03/19/19 06:08	
Trichlorofluoromethane	ug/kg	<50.0	50.0	03/19/19 06:08	
Vinyl chloride	ug/kg	<50.0	50.0	03/19/19 06:08	
Xylene (Total)	ug/kg	<100	100	03/19/19 06:08	
4-Bromofluorobenzene (S)	%	100	56-144	03/19/19 06:08	
Dibromofluoromethane (S)	%	97	85-118	03/19/19 06:08	
Toluene-d8 (S)	%	101	71-128	03/19/19 06:08	

LABORATORY CONTROL SAMPLE: 2260639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	103	103	62-123	
1,1,1-Trichloroethane	ug/kg	100	111	111	70-123	
1,1,2,2-Tetrachloroethane	ug/kg	100	97.6	98	65-124	
1,1,2-Trichloroethane	ug/kg	100	105	105	74-129	
1,1-Dichloroethane	ug/kg	100	110	110	73-130	
1,1-Dichloroethene	ug/kg	100	111	111	66-126	
1,2,3-Trichlorobenzene	ug/kg	100	103	103	66-131	
1,2,3-Trichloropropane	ug/kg	100	105	105	44-157	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2260639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	100	106	106	68-129	
1,2,4-Trimethylbenzene	ug/kg	100	103	103	67-126	
1,2-Dibromo-3-chloropropane	ug/kg	100	118	118	69-126	
1,2-Dibromoethane (EDB)	ug/kg	100	109	109	74-120	
1,2-Dichlorobenzene	ug/kg	100	101	101	73-122	
1,2-Dichloroethane	ug/kg	100	102	102	73-127	
1,2-Dichloropropane	ug/kg	100	112	112	75-118	
1,3,5-Trimethylbenzene	ug/kg	100	102	102	65-127	
1,3-Dichlorobenzene	ug/kg	100	101	101	73-121	
1,4-Dichlorobenzene	ug/kg	100	99.2	99	75-119	
2-Butanone (MEK)	ug/kg	500	523	105	59-139	
2-Chlorotoluene	ug/kg	100	101	101	72-121	
2-Hexanone	ug/kg	500	<1000	107	56-139	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	572	114	63-136	
Acetone	ug/kg	500	<1000	116	46-156	
Acrylonitrile	ug/kg	400	<1000	117	67-130	
Benzene	ug/kg	100	105	105	74-119	
Bromobenzene	ug/kg	100	102	102	69-129	
Bromochloromethane	ug/kg	100	93.5	94	67-129	
Bromodichloromethane	ug/kg	100	107	107	68-121	
Bromoform	ug/kg	100	99.2	99	49-124	
Bromomethane	ug/kg	100	118	118	44-142	
Carbon disulfide	ug/kg	100	<100	97	61-129	
Carbon tetrachloride	ug/kg	100	106	106	58-127	
Chlorobenzene	ug/kg	100	102	102	77-122	
Chloroethane	ug/kg	100	111	111	59-141	
Chloroform	ug/kg	100	106	106	75-124	
Chloromethane	ug/kg	100	95.2	95	46-133	
cis-1,2-Dichloroethene	ug/kg	100	110	110	72-122	
cis-1,3-Dichloropropene	ug/kg	100	109	109	68-115	
Dibromochloromethane	ug/kg	100	106	106	60-121	
Dibromomethane	ug/kg	100	112	112	72-124	
Dichlorodifluoromethane	ug/kg	100	140	140	26-186	
Diethyl ether (Ethyl ether)	ug/kg	100	114	114	50-150	
Ethylbenzene	ug/kg	100	102	102	72-123	
Iodomethane	ug/kg	200	<1000	118	38-149	
Isopropylbenzene (Cumene)	ug/kg	100	105	105	65-123	
Methyl-tert-butyl ether	ug/kg	100	117	117	68-120	
Methylene Chloride	ug/kg	100	<200	95	57-142	
n-Butylbenzene	ug/kg	100	102	102	68-125	
n-Propylbenzene	ug/kg	100	104	104	68-122	
Naphthalene	ug/kg	100	102	102	67-131	
p-Isopropyltoluene	ug/kg	100	105	105	66-133	
sec-Butylbenzene	ug/kg	100	104	104	64-131	
Styrene	ug/kg	100	105	105	70-126	
tert-Butyl Alcohol	ug/kg	200	559	279	50-150 L1	
tert-Butylbenzene	ug/kg	100	83.0	83	46-124	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2260639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	100	92.8	93	72-126	
Tetrahydrofuran	ug/kg	100	<1000	119	50-150	
Toluene	ug/kg	100	102	102	71-121	
trans-1,2-Dichloroethene	ug/kg	100	112	112	69-123	
trans-1,3-Dichloropropene	ug/kg	100	106	106	66-114	
trans-1,4-Dichloro-2-butene	ug/kg	400	<1000	92	61-124	
Trichloroethene	ug/kg	100	104	104	74-123	
Trichlorofluoromethane	ug/kg	100	102	102	72-146	
Vinyl chloride	ug/kg	100	107	107	55-128	
Xylene (Total)	ug/kg	300	314	105	66-124	
4-Bromofluorobenzene (S)	%.			102	56-144	
Dibromofluoromethane (S)	%.			99	85-118	
Toluene-d8 (S)	%.			100	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	490082	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035 Volatile Organics
Associated Lab Samples:	50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951069		

METHOD BLANK:	2260641	Matrix:	Solid
Associated Lab Samples:	50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951069		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,1,1-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,1,2,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,1,2-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,1-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,1-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2,3-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2,3-Trichloropropane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2,3-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	N2
1,2,4-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2,4-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2-Dibromo-3-chloropropane	ug/kg	<100	100	03/19/19 05:52	
1,2-Dibromoethane (EDB)	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,2-Dichloropropane	ug/kg	<50.0	50.0	03/19/19 05:52	
1,3,5-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,3-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
1,4-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
2-Butanone (MEK)	ug/kg	<250	250	03/19/19 05:52	
2-Chlorotoluene	ug/kg	<50.0	50.0	03/19/19 05:52	
2-Hexanone	ug/kg	<1000	1000	03/19/19 05:52	
4-Methyl-2-pentanone (MIBK)	ug/kg	<250	250	03/19/19 05:52	
Acetone	ug/kg	<1000	1000	03/19/19 05:52	
Acrylonitrile	ug/kg	<1000	1000	03/19/19 05:52	
Benzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Bromobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Bromochloromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Bromodichloromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Bromoform	ug/kg	<50.0	50.0	03/19/19 05:52	
Bromomethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Carbon disulfide	ug/kg	<100	100	03/19/19 05:52	
Carbon tetrachloride	ug/kg	<50.0	50.0	03/19/19 05:52	
Chlorobenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Chloroethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Chloroform	ug/kg	<50.0	50.0	03/19/19 05:52	
Chloromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
cis-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 05:52	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

PACE Project No.: 50218951

METHOD BLANK: 2260641

Matrix: Solid

Associated Lab Samples: 50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044, 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951069

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 05:52	
Dibromochloromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Dibromomethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Dichlorodifluoromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Diethyl ether (Ethyl ether)	ug/kg	<50.0	50.0	03/19/19 05:52	
Ethylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Iodomethane	ug/kg	<1000	1000	03/19/19 05:52	
Isopropylbenzene (Cumene)	ug/kg	<50.0	50.0	03/19/19 05:52	
Methyl-tert-butyl ether	ug/kg	<50.0	50.0	03/19/19 05:52	
Methylene Chloride	ug/kg	<200	200	03/19/19 05:52	
n-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
n-Propylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Naphthalene	ug/kg	<50.0	50.0	03/19/19 05:52	
p-Isopropyltoluene	ug/kg	<50.0	50.0	03/19/19 05:52	
sec-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Styrene	ug/kg	<50.0	50.0	03/19/19 05:52	
tert-Butyl Alcohol	ug/kg	<500	500	03/19/19 05:52	
tert-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 05:52	
Tetrachloroethene	ug/kg	<50.0	50.0	03/19/19 05:52	
Tetrahydrofuran	ug/kg	<1000	1000	03/19/19 05:52	
Toluene	ug/kg	<50.0	50.0	03/19/19 05:52	
trans-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 05:52	
trans-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 05:52	
trans-1,4-Dichloro-2-butene	ug/kg	<1000	1000	03/19/19 05:52	
Trichloroethene	ug/kg	<50.0	50.0	03/19/19 05:52	
Trichlorofluoromethane	ug/kg	<50.0	50.0	03/19/19 05:52	
Vinyl chloride	ug/kg	<50.0	50.0	03/19/19 05:52	
Xylene (Total)	ug/kg	<100	100	03/19/19 05:52	
4-Bromofluorobenzene (S)	%	99	56-144	03/19/19 05:52	
Dibromofluoromethane (S)	%	100	85-118	03/19/19 05:52	
Toluene-d8 (S)	%	101	71-128	03/19/19 05:52	

LABORATORY CONTROL SAMPLE: 2260642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	109	109	62-123	
1,1,1-Trichloroethane	ug/kg	100	111	111	70-123	
1,1,2,2-Tetrachloroethane	ug/kg	100	101	101	65-124	
1,1,2-Trichloroethane	ug/kg	100	111	111	74-129	
1,1-Dichloroethane	ug/kg	100	115	115	73-130	
1,1-Dichloroethene	ug/kg	100	108	108	66-126	
1,2,3-Trichlorobenzene	ug/kg	100	105	105	66-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2260642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	100	106	106	44-157	N2
1,2,3-Trimethylbenzene	ug/kg		<50.0			
1,2,4-Trichlorobenzene	ug/kg	100	110	110	68-129	
1,2,4-Trimethylbenzene	ug/kg	100	108	108	67-126	
1,2-Dibromo-3-chloropropane	ug/kg	100	119	119	69-126	
1,2-Dibromoethane (EDB)	ug/kg	100	111	111	74-120	
1,2-Dichlorobenzene	ug/kg	100	105	105	73-122	
1,2-Dichloroethane	ug/kg	100	101	101	73-127	
1,2-Dichloropropane	ug/kg	100	113	113	75-118	
1,3,5-Trimethylbenzene	ug/kg	100	108	108	65-127	
1,3-Dichlorobenzene	ug/kg	100	105	105	73-121	
1,4-Dichlorobenzene	ug/kg	100	102	102	75-119	
2-Butanone (MEK)	ug/kg	500	514	103	59-139	
2-Chlorotoluene	ug/kg	100	103	103	72-121	
2-Hexanone	ug/kg	500	<1000	104	56-139	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	590	118	63-136	
Acetone	ug/kg	500	<1000	103	46-156	
Acrylonitrile	ug/kg	400	<1000	104	67-130	
Benzene	ug/kg	100	108	108	74-119	
Bromobenzene	ug/kg	100	106	106	69-129	
Bromochloromethane	ug/kg	100	91.2	91	67-129	
Bromodichloromethane	ug/kg	100	113	113	68-121	
Bromoform	ug/kg	100	107	107	49-124	
Bromomethane	ug/kg	100	92.3	92	44-142	
Carbon disulfide	ug/kg	100	106	106	61-129	
Carbon tetrachloride	ug/kg	100	111	111	58-127	
Chlorobenzene	ug/kg	100	104	104	77-122	
Chloroethane	ug/kg	100	128	128	59-141	
Chloroform	ug/kg	100	108	108	75-124	
Chloromethane	ug/kg	100	92.6	93	46-133	
cis-1,2-Dichloroethene	ug/kg	100	111	111	72-122	
cis-1,3-Dichloropropene	ug/kg	100	115	115	68-115	
Dibromochloromethane	ug/kg	100	109	109	60-121	
Dibromomethane	ug/kg	100	117	117	72-124	
Dichlorodifluoromethane	ug/kg	100	134	134	26-186	
Diethyl ether (Ethyl ether)	ug/kg	100	122	122	50-150	
Ethylbenzene	ug/kg	100	108	108	72-123	
Iodomethane	ug/kg	200	<1000	107	38-149	
Isopropylbenzene (Cumene)	ug/kg	100	107	107	65-123	
Methyl-tert-butyl ether	ug/kg	100	122	122	68-120	L1
Methylene Chloride	ug/kg	100	<200	97	57-142	
n-Butylbenzene	ug/kg	100	105	105	68-125	
n-Propylbenzene	ug/kg	100	108	108	68-122	
Naphthalene	ug/kg	100	111	111	67-131	
p-Isopropyltoluene	ug/kg	100	109	109	66-133	
sec-Butylbenzene	ug/kg	100	106	106	64-131	
Styrene	ug/kg	100	109	109	70-126	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2260642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	ug/kg	200	<500	133	50-150	
tert-Butylbenzene	ug/kg	100	97.0	97	46-124	
Tetrachloroethene	ug/kg	100	98.0	98	72-126	
Tetrahydrofuran	ug/kg	100	<1000	95	50-150	
Toluene	ug/kg	100	104	104	71-121	
trans-1,2-Dichloroethene	ug/kg	100	113	113	69-123	
trans-1,3-Dichloropropene	ug/kg	100	109	109	66-114	
trans-1,4-Dichloro-2-butene	ug/kg	400	<1000	87	61-124	
Trichloroethene	ug/kg	100	108	108	74-123	
Trichlorofluoromethane	ug/kg	100	103	103	72-146	
Vinyl chloride	ug/kg	100	110	110	55-128	
Xylene (Total)	ug/kg	300	311	104	66-124	
4-Bromofluorobenzene (S)	%.			100	56-144	
Dibromofluoromethane (S)	%.			100	85-118	
Toluene-d8 (S)	%.			100	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	490818	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035 Volatile Organics
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016		

METHOD BLANK:	2264715	Matrix:	Solid
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,1,1-Trichloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,1,2,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,1,2-Trichloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,1-Dichloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,1-Dichloroethene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2,3-Trichlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2,3-Trichloropropane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2,3-Trimethylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	N2
1,2,4-Trichlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2,4-Trimethylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2-Dibromo-3-chloropropane	ug/kg	<100	100	03/15/19 18:09	
1,2-Dibromoethane (EDB)	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2-Dichlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2-Dichloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,2-Dichloropropane	ug/kg	<50.0	50.0	03/15/19 18:09	
1,3,5-Trimethylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,3-Dichlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
1,4-Dichlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
2-Butanone (MEK)	ug/kg	<250	250	03/15/19 18:09	
2-Chlorotoluene	ug/kg	<50.0	50.0	03/15/19 18:09	
2-Hexanone	ug/kg	<1000	1000	03/15/19 18:09	
4-Methyl-2-pentanone (MIBK)	ug/kg	<250	250	03/15/19 18:09	
Acetone	ug/kg	<1000	1000	03/15/19 18:09	
Acrylonitrile	ug/kg	<1000	1000	03/15/19 18:09	
Benzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Bromobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Bromochloromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Bromodichloromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Bromoform	ug/kg	<50.0	50.0	03/15/19 18:09	
Bromomethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Carbon disulfide	ug/kg	<100	100	03/15/19 18:09	
Carbon tetrachloride	ug/kg	<50.0	50.0	03/15/19 18:09	
Chlorobenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Chloroethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Chloroform	ug/kg	<50.0	50.0	03/15/19 18:09	
Chloromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
cis-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/15/19 18:09	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2264715

Matrix: Solid

Associated Lab Samples: 50218951001, 50218951002, 50218951003, 50218951004, 50218951005, 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/15/19 18:09	
Dibromochloromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Dibromomethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Dichlorodifluoromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Diethyl ether (Ethyl ether)	ug/kg	<50.0	50.0	03/15/19 18:09	
Ethylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Iodomethane	ug/kg	<1000	1000	03/15/19 18:09	
Isopropylbenzene (Cumene)	ug/kg	<50.0	50.0	03/15/19 18:09	
Methyl-tert-butyl ether	ug/kg	<50.0	50.0	03/15/19 18:09	
Methylene Chloride	ug/kg	<200	200	03/15/19 18:09	
n-Butylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
n-Propylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Naphthalene	ug/kg	<50.0	50.0	03/15/19 18:09	
p-Isopropyltoluene	ug/kg	<50.0	50.0	03/15/19 18:09	
sec-Butylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Styrene	ug/kg	<50.0	50.0	03/15/19 18:09	
tert-Butyl Alcohol	ug/kg	<500	500	03/15/19 18:09	
tert-Butylbenzene	ug/kg	<50.0	50.0	03/15/19 18:09	
Tetrachloroethene	ug/kg	<50.0	50.0	03/15/19 18:09	
Tetrahydrofuran	ug/kg	<1000	1000	03/15/19 18:09	
Toluene	ug/kg	<50.0	50.0	03/15/19 18:09	
trans-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/15/19 18:09	
trans-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/15/19 18:09	
trans-1,4-Dichloro-2-butene	ug/kg	<1000	1000	03/15/19 18:09	
Trichloroethene	ug/kg	<50.0	50.0	03/15/19 18:09	
Trichlorofluoromethane	ug/kg	<50.0	50.0	03/15/19 18:09	
Vinyl chloride	ug/kg	<50.0	50.0	03/15/19 18:09	
Xylene (Total)	ug/kg	<100	100	03/15/19 18:09	
4-Bromofluorobenzene (S)	%	104	56-144	03/15/19 18:09	
Dibromofluoromethane (S)	%	95	85-118	03/15/19 18:09	
Toluene-d8 (S)	%	105	71-128	03/15/19 18:09	

LABORATORY CONTROL SAMPLE: 2264716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	100	106	106	70-123	
1,1,2,2-Tetrachloroethane	ug/kg	100	131	131	65-124	L1
1,1-Dichloroethene	ug/kg	100	118	118	66-126	
1,2,3-Trimethylbenzene	ug/kg		<50.0			N2
1,2,4-Trimethylbenzene	ug/kg	100	115	115	67-126	
1,2-Dichloropropane	ug/kg	100	135	135	75-118	L1
1,3,5-Trimethylbenzene	ug/kg	100	<50.0	0	65-127	L2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2264716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	118	118	74-119	
Chlorobenzene	ug/kg	100	108	108	77-122	
Chloroform	ug/kg	100	110	110	75-124	
cis-1,2-Dichloroethene	ug/kg	100	114	114	72-122	
Ethylbenzene	ug/kg	100	108	108	72-123	
Isopropylbenzene (Cumene)	ug/kg	100	106	106	65-123	
Methyl-tert-butyl ether	ug/kg	100	122	122	68-120	L1
Naphthalene	ug/kg	100	105	105	67-131	
Tetrachloroethene	ug/kg	100	94.4	94	72-126	
Toluene	ug/kg	100	112	112	71-121	
trans-1,2-Dichloroethene	ug/kg	100	119	119	69-123	
Trichloroethene	ug/kg	100	111	111	74-123	
Vinyl chloride	ug/kg	100	121	121	55-128	
Xylene (Total)	ug/kg	300	315	105	66-124	
4-Bromofluorobenzene (S)	%.			104	56-144	
Dibromofluoromethane (S)	%.			93	85-118	
Toluene-d8 (S)	%.			102	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	490819	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035 Volatile Organics
Associated Lab Samples:	50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032		

METHOD BLANK: 2264718

Matrix: Solid

Associated Lab Samples: 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,1,1-Trichloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,1,2,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,1,2-Trichloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,1-Dichloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,1-Dichloroethene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2,3-Trichlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2,3-Trichloropropane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2,3-Trimethylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	N2
1,2,4-Trichlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2,4-Trimethylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2-Dibromo-3-chloropropane	ug/kg	<100	100	03/16/19 06:39	
1,2-Dibromoethane (EDB)	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2-Dichlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2-Dichloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,2-Dichloropropane	ug/kg	<50.0	50.0	03/16/19 06:39	
1,3,5-Trimethylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,3-Dichlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
1,4-Dichlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
2-Butanone (MEK)	ug/kg	<250	250	03/16/19 06:39	
2-Chlorotoluene	ug/kg	<50.0	50.0	03/16/19 06:39	
2-Hexanone	ug/kg	<1000	1000	03/16/19 06:39	
4-Methyl-2-pentanone (MIBK)	ug/kg	<250	250	03/16/19 06:39	
Acetone	ug/kg	<1000	1000	03/16/19 06:39	
Acrylonitrile	ug/kg	<1000	1000	03/16/19 06:39	
Benzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Bromobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Bromochloromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Bromodichloromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Bromoform	ug/kg	<50.0	50.0	03/16/19 06:39	
Bromomethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Carbon disulfide	ug/kg	<100	100	03/16/19 06:39	
Carbon tetrachloride	ug/kg	<50.0	50.0	03/16/19 06:39	
Chlorobenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Chloroethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Chloroform	ug/kg	<50.0	50.0	03/16/19 06:39	
Chloromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
cis-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/16/19 06:39	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

PACE Project No.: 50218951

METHOD BLANK: 2264718

Matrix: Solid

Associated Lab Samples: 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025, 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/16/19 06:39	
Dibromochloromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Dibromomethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Dichlorodifluoromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Diethyl ether (Ethyl ether)	ug/kg	<50.0	50.0	03/16/19 06:39	
Ethylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Iodomethane	ug/kg	<1000	1000	03/16/19 06:39	
Isopropylbenzene (Cumene)	ug/kg	<50.0	50.0	03/16/19 06:39	
Methyl-tert-butyl ether	ug/kg	<50.0	50.0	03/16/19 06:39	
Methylene Chloride	ug/kg	<200	200	03/16/19 06:39	
n-Butylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
n-Propylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Naphthalene	ug/kg	<50.0	50.0	03/16/19 06:39	
p-Isopropyltoluene	ug/kg	<50.0	50.0	03/16/19 06:39	
sec-Butylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Styrene	ug/kg	<50.0	50.0	03/16/19 06:39	
tert-Butyl Alcohol	ug/kg	<500	500	03/16/19 06:39	
tert-Butylbenzene	ug/kg	<50.0	50.0	03/16/19 06:39	
Tetrachloroethene	ug/kg	<50.0	50.0	03/16/19 06:39	
Tetrahydrofuran	ug/kg	<1000	1000	03/16/19 06:39	
Toluene	ug/kg	<50.0	50.0	03/16/19 06:39	
trans-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/16/19 06:39	
trans-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/16/19 06:39	
trans-1,4-Dichloro-2-butene	ug/kg	<1000	1000	03/16/19 06:39	
Trichloroethene	ug/kg	<50.0	50.0	03/16/19 06:39	
Trichlorofluoromethane	ug/kg	<50.0	50.0	03/16/19 06:39	
Vinyl chloride	ug/kg	<50.0	50.0	03/16/19 06:39	
Xylene (Total)	ug/kg	<100	100	03/16/19 06:39	
4-Bromofluorobenzene (S)	%	109	56-144	03/16/19 06:39	
Dibromofluoromethane (S)	%	102	85-118	03/16/19 06:39	
Toluene-d8 (S)	%	115	71-128	03/16/19 06:39	

LABORATORY CONTROL SAMPLE: 2264719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	100	106	106	70-123	
1,1,2,2-Tetrachloroethane	ug/kg	100	134	134	65-124	L1
1,1-Dichloroethene	ug/kg	100	115	115	66-126	
1,2,3-Trimethylbenzene	ug/kg		<50.0			N2
1,2,4-Trimethylbenzene	ug/kg	100	115	115	67-126	
1,2-Dichloropropane	ug/kg	100	136	136	75-118	L1
1,3,5-Trimethylbenzene	ug/kg	100	<50.0	0	65-127	L2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2264719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	116	116	74-119	
Chlorobenzene	ug/kg	100	109	109	77-122	
Chloroform	ug/kg	100	112	112	75-124	
cis-1,2-Dichloroethene	ug/kg	100	115	115	72-122	
Ethylbenzene	ug/kg	100	109	109	72-123	
Isopropylbenzene (Cumene)	ug/kg	100	107	107	65-123	
Methyl-tert-butyl ether	ug/kg	100	126	126	68-120	L1
Naphthalene	ug/kg	100	110	110	67-131	
Tetrachloroethene	ug/kg	100	93.9	94	72-126	
Toluene	ug/kg	100	114	114	71-121	
trans-1,2-Dichloroethene	ug/kg	100	115	115	69-123	
Trichloroethene	ug/kg	100	111	111	74-123	
Vinyl chloride	ug/kg	100	119	119	55-128	
Xylene (Total)	ug/kg	300	316	105	66-124	
4-Bromofluorobenzene (S)	%.			110	56-144	
Dibromofluoromethane (S)	%.			104	85-118	
Toluene-d8 (S)	%.			112	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489011	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005		

METHOD BLANK:	2254957	Matrix:	Solid
Associated Lab Samples:	50218951001, 50218951002, 50218951003, 50218951004, 50218951005		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<327	327	03/14/19 07:20	
2,4,6-Trichlorophenol	ug/kg	<327	327	03/14/19 07:20	
2,4-Dichlorophenol	ug/kg	<327	327	03/14/19 07:20	
2,4-Dimethylphenol	ug/kg	<327	327	03/14/19 07:20	
2,4-Dinitrophenol	ug/kg	<1580	1580	03/14/19 07:20	
2,4-Dinitrotoluene	ug/kg	<327	327	03/14/19 07:20	
2,6-Dinitrotoluene	ug/kg	<327	327	03/14/19 07:20	
2-Chloronaphthalene	ug/kg	<327	327	03/14/19 07:20	
2-Chlorophenol	ug/kg	<327	327	03/14/19 07:20	
2-Methylnaphthalene	ug/kg	<327	327	03/14/19 07:20	
2-Methylphenol(o-Cresol)	ug/kg	<327	327	03/14/19 07:20	
2-Nitroaniline	ug/kg	<327	327	03/14/19 07:20	
2-Nitrophenol	ug/kg	<327	327	03/14/19 07:20	
3&4-Methylphenol(m&p Cresol)	ug/kg	<653	653	03/14/19 07:20	
3,3'-Dichlorobenzidine	ug/kg	<653	653	03/14/19 07:20	
3-Nitroaniline	ug/kg	<327	327	03/14/19 07:20	
4,6-Dinitro-2-methylphenol	ug/kg	<653	653	03/14/19 07:20	
4-Bromophenylphenyl ether	ug/kg	<327	327	03/14/19 07:20	
4-Chloro-3-methylphenol	ug/kg	<653	653	03/14/19 07:20	
4-Chlorophenylphenyl ether	ug/kg	<327	327	03/14/19 07:20	
4-Nitroaniline	ug/kg	<327	327	03/14/19 07:20	
4-Nitrophenol	ug/kg	<1580	1580	03/14/19 07:20	
Acenaphthene	ug/kg	<327	327	03/14/19 07:20	
Acenaphthylene	ug/kg	<327	327	03/14/19 07:20	
Aniline	ug/kg	<327	327	03/14/19 07:20	
Anthracene	ug/kg	<327	327	03/14/19 07:20	
Atrazine	ug/kg	<327	327	03/14/19 07:20	N2
Azobenzene	ug/kg	<1580	1580	03/14/19 07:20	N2
Benzidine	ug/kg	<1580	1580	03/14/19 07:20	
Benzo(a)anthracene	ug/kg	<327	327	03/14/19 07:20	
Benzo(a)pyrene	ug/kg	<327	327	03/14/19 07:20	
Benzo(b)fluoranthene	ug/kg	<327	327	03/14/19 07:20	
Benzo(g,h,i)perylene	ug/kg	<327	327	03/14/19 07:20	
Benzo(k)fluoranthene	ug/kg	<327	327	03/14/19 07:20	
Benzoic acid	ug/kg	<1580	1580	03/14/19 07:20	
Benzyl alcohol	ug/kg	<653	653	03/14/19 07:20	
bis(2-Chloroethoxy)methane	ug/kg	<327	327	03/14/19 07:20	
bis(2-Chloroethyl) ether	ug/kg	<327	327	03/14/19 07:20	
bis(2-Chloroisopropyl) ether	ug/kg	<327	327	03/14/19 07:20	
bis(2-Ethylhexyl)phthalate	ug/kg	<327	327	03/14/19 07:20	
Butylbenzylphthalate	ug/kg	<327	327	03/14/19 07:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

METHOD BLANK: 2254957

Matrix: Solid

Associated Lab Samples: 50218951001, 50218951002, 50218951003, 50218951004, 50218951005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Caprolactam	ug/kg	<327	327	03/14/19 07:20	N2
Carbazole	ug/kg	<327	327	03/14/19 07:20	
Chrysene	ug/kg	<327	327	03/14/19 07:20	
Di-n-butylphthalate	ug/kg	<327	327	03/14/19 07:20	
Di-n-octylphthalate	ug/kg	<327	327	03/14/19 07:20	
Dibenz(a,h)anthracene	ug/kg	<327	327	03/14/19 07:20	
Dibenzofuran	ug/kg	<327	327	03/14/19 07:20	
Diethylphthalate	ug/kg	<327	327	03/14/19 07:20	
Dimethylphthalate	ug/kg	<327	327	03/14/19 07:20	
Fluoranthene	ug/kg	<327	327	03/14/19 07:20	
Fluorene	ug/kg	<327	327	03/14/19 07:20	
Hexachlorobenzene	ug/kg	<327	327	03/14/19 07:20	
Hexachlorocyclopentadiene	ug/kg	<327	327	03/14/19 07:20	
Hexachloroethane	ug/kg	<327	327	03/14/19 07:20	
Indeno(1,2,3-cd)pyrene	ug/kg	<327	327	03/14/19 07:20	
Isophorone	ug/kg	<327	327	03/14/19 07:20	
N-Nitroso-di-n-propylamine	ug/kg	<327	327	03/14/19 07:20	
N-Nitrosodimethylamine	ug/kg	<327	327	03/14/19 07:20	
N-Nitrosodiphenylamine	ug/kg	<327	327	03/14/19 07:20	
Nitrobenzene	ug/kg	<327	327	03/14/19 07:20	
Pentachlorophenol	ug/kg	<1580	1580	03/14/19 07:20	
Phenanthrene	ug/kg	<327	327	03/14/19 07:20	
Phenol	ug/kg	<327	327	03/14/19 07:20	
Pyrene	ug/kg	<327	327	03/14/19 07:20	
Pyridine	ug/kg	<327	327	03/14/19 07:20	
2,4,6-Tribromophenol (S)	%	75	19-117	03/14/19 07:20	
2-Fluorobiphenyl (S)	%	71	29-93	03/14/19 07:20	
2-Fluorophenol (S)	%	78	22-99	03/14/19 07:20	
Nitrobenzene-d5 (S)	%	73	29-87	03/14/19 07:20	
p-Terphenyl-d14 (S)	%	97	26-127	03/14/19 07:20	
Phenol-d5 (S)	%	75	24-99	03/14/19 07:20	

LABORATORY CONTROL SAMPLE: 2254958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3300	2790	85	40-115	
2-Chlorophenol	ug/kg	3300	2580	78	44-99	
2-Methylnaphthalene	ug/kg	3300	2560	77	47-95	
4-Chloro-3-methylphenol	ug/kg	3300	2790	85	45-107	
4-Nitrophenol	ug/kg	3300	2650	80	36-110	
Acenaphthene	ug/kg	3300	2630	80	48-100	
Acenaphthylene	ug/kg	3300	2700	82	49-103	
Anthracene	ug/kg	3300	2720	82	48-103	
Benzo(a)anthracene	ug/kg	3300	3150	95	51-103	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2254958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	3300	2850	86	47-97	
Benzo(b)fluoranthene	ug/kg	3300	2780	84	45-102	
Benzo(g,h,i)perylene	ug/kg	3300	2940	89	46-97	
Benzo(k)fluoranthene	ug/kg	3300	2860	87	45-100	
Chrysene	ug/kg	3300	3150	96	52-103	
Dibenz(a,h)anthracene	ug/kg	3300	2910	88	46-98	
Fluoranthene	ug/kg	3300	2900	88	51-109	
Fluorene	ug/kg	3300	2770	84	49-104	
Indeno(1,2,3-cd)pyrene	ug/kg	3300	2930	89	46-98	
N-Nitroso-di-n-propylamine	ug/kg	3300	2450	74	40-96	
Pentachlorophenol	ug/kg	3300	2470	75	27-120	
Phenanthrene	ug/kg	3300	2860	87	51-104	
Phenol	ug/kg	3300	2520	76	40-99	
Pyrene	ug/kg	3300	3080	93	51-105	
2,4,6-Tribromophenol (S)	%			80	19-117	
2-Fluorobiphenyl (S)	%			75	29-93	
2-Fluorophenol (S)	%			82	22-99	
Nitrobenzene-d5 (S)	%			76	29-87	
p-Terphenyl-d14 (S)	%			98	26-127	
Phenol-d5 (S)	%			80	24-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254959 2254960

Parameter	Units	50218679023		MS		MSD		MS	MSD	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	% Rec						
2,4-Dinitrotoluene	ug/kg	<366	3680	3680	2180	2960		59	80	40-115	30	20	R1		
2-Chlorophenol	ug/kg	<366	3680	3680	2400	3130		65	85	13-110	27	20	R1		
2-Methylnaphthalene	ug/kg	<366	3680	3680	2220	3030		60	82	18-110	31	20	R1		
4-Chloro-3-methylphenol	ug/kg	<732	3680	3680	2490	3270		68	89	18-114	27	20	R1		
4-Nitrophenol	ug/kg	<1770	3680	3680	2390	3070		65	83	10-124	25	20	R1		
Acenaphthene	ug/kg	<366	3680	3680	2210	2980		60	81	21-108	29	20	R1		
Acenaphthylene	ug/kg	<366	3680	3680	2280	3010		62	82	18-115	28	20	R1		
Anthracene	ug/kg	<366	3680	3680	2200	2990		60	81	11-115	30	20	R1		
Benzo(a)anthracene	ug/kg	<366	3680	3680	2540	3590		69	98	10-120	34	20	R1		
Benzo(a)pyrene	ug/kg	<366	3680	3680	2180	3110		59	84	13-103	35	20	R1		
Benzo(b)fluoranthene	ug/kg	<366	3680	3680	2280	3200		62	87	10-112	34	20	R1		
Benzo(g,h,i)perylene	ug/kg	<366	3680	3680	2140	3150		58	86	10-101	38	20	R1		
Benzo(k)fluoranthene	ug/kg	<366	3680	3680	2200	3120		60	85	10-110	35	20	R1		
Chrysene	ug/kg	<366	3680	3680	2560	3570		70	97	10-117	33	20	R1		
Dibenz(a,h)anthracene	ug/kg	<366	3680	3680	2130	3030		58	82	15-104	35	20	R1		
Fluoranthene	ug/kg	<366	3680	3680	2320	3340		63	91	13-119	36	20	R1		
Fluorene	ug/kg	<366	3680	3680	2290	3140		62	85	18-115	31	20	R1		
Indeno(1,2,3-cd)pyrene	ug/kg	<366	3680	3680	2140	3100		58	84	10-104	36	20	R1		
N-Nitroso-di-n-propylamine	ug/kg	<366	3680	3680	2230	2930		61	79	24-102	27	20	R1		
Pentachlorophenol	ug/kg	<1770	3680	3680	<1770	1990		40	54	10-125		20			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254959 2254960												
Parameter	Units	50218679023 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		
			Spike Conc.	Spike Conc.	MS Result	MSD Result				RPD	RPD	Qual
Phenanthrene	ug/kg	<366	3680	3680	2370	3320	64	90	14-118	33	20	R1
Phenol	ug/kg	<366	3680	3680	2310	3060	63	83	10-111	28	20	R1
Pyrene	ug/kg	<366	3680	3680	2840	3970	77	108	13-120	33	20	R1
2,4,6-Tribromophenol (S)	%.						59	79	19-117			
2-Fluorobiphenyl (S)	%.						56	74	29-93			
2-Fluorophenol (S)	%.						66	85	22-99			
Nitrobenzene-d5 (S)	%.						58	77	29-87			
p-Terphenyl-d14 (S)	%.						67	90	26-127			
Phenol-d5 (S)	%.						68	87	24-99			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	489037	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025		

METHOD BLANK:	2255051	Matrix:	Solid
Associated Lab Samples:	50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<327	327	03/14/19 09:26	
2,4,6-Trichlorophenol	ug/kg	<327	327	03/14/19 09:26	
2,4-Dichlorophenol	ug/kg	<327	327	03/14/19 09:26	
2,4-Dimethylphenol	ug/kg	<327	327	03/14/19 09:26	
2,4-Dinitrophenol	ug/kg	<1580	1580	03/14/19 09:26	
2,4-Dinitrotoluene	ug/kg	<327	327	03/14/19 09:26	
2,6-Dinitrotoluene	ug/kg	<327	327	03/14/19 09:26	
2-Chloronaphthalene	ug/kg	<327	327	03/14/19 09:26	
2-Chlorophenol	ug/kg	<327	327	03/14/19 09:26	
2-Methylnaphthalene	ug/kg	<327	327	03/14/19 09:26	
2-Methylphenol(o-Cresol)	ug/kg	<327	327	03/14/19 09:26	
2-Nitroaniline	ug/kg	<327	327	03/14/19 09:26	
2-Nitrophenol	ug/kg	<327	327	03/14/19 09:26	
3&4-Methylphenol(m&p Cresol)	ug/kg	<653	653	03/14/19 09:26	
3,3'-Dichlorobenzidine	ug/kg	<653	653	03/14/19 09:26	
3-Nitroaniline	ug/kg	<327	327	03/14/19 09:26	
4,6-Dinitro-2-methylphenol	ug/kg	<653	653	03/14/19 09:26	
4-Bromophenylphenyl ether	ug/kg	<327	327	03/14/19 09:26	
4-Chloro-3-methylphenol	ug/kg	<653	653	03/14/19 09:26	
4-Chlorophenylphenyl ether	ug/kg	<327	327	03/14/19 09:26	
4-Nitroaniline	ug/kg	<327	327	03/14/19 09:26	
4-Nitrophenol	ug/kg	<1580	1580	03/14/19 09:26	
Acenaphthene	ug/kg	<327	327	03/14/19 09:26	
Acenaphthylene	ug/kg	<327	327	03/14/19 09:26	
Aniline	ug/kg	<327	327	03/14/19 09:26	
Anthracene	ug/kg	<327	327	03/14/19 09:26	
Atrazine	ug/kg	<327	327	03/14/19 09:26	N2
Azobenzene	ug/kg	<1580	1580	03/14/19 09:26	N2
Benzidine	ug/kg	<1580	1580	03/14/19 09:26	
Benzo(a)anthracene	ug/kg	<327	327	03/14/19 09:26	
Benzo(a)pyrene	ug/kg	<327	327	03/14/19 09:26	
Benzo(b)fluoranthene	ug/kg	<327	327	03/14/19 09:26	
Benzo(g,h,i)perylene	ug/kg	<327	327	03/14/19 09:26	
Benzo(k)fluoranthene	ug/kg	<327	327	03/14/19 09:26	
Benzoic acid	ug/kg	<1580	1580	03/14/19 09:26	
Benzyl alcohol	ug/kg	<653	653	03/14/19 09:26	
bis(2-Chloroethoxy)methane	ug/kg	<327	327	03/14/19 09:26	
bis(2-Chloroethyl) ether	ug/kg	<327	327	03/14/19 09:26	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2255051

Matrix: Solid

Associated Lab Samples: 50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	<327	327	03/14/19 09:26	
bis(2-Ethylhexyl)phthalate	ug/kg	<327	327	03/14/19 09:26	
Butylbenzylphthalate	ug/kg	<327	327	03/14/19 09:26	
Caprolactam	ug/kg	<327	327	03/14/19 09:26	N2
Carbazole	ug/kg	<327	327	03/14/19 09:26	
Chrysene	ug/kg	<327	327	03/14/19 09:26	
Di-n-butylphthalate	ug/kg	<327	327	03/14/19 09:26	
Di-n-octylphthalate	ug/kg	<327	327	03/14/19 09:26	
Dibenz(a,h)anthracene	ug/kg	<327	327	03/14/19 09:26	
Dibenzofuran	ug/kg	<327	327	03/14/19 09:26	
Diethylphthalate	ug/kg	<327	327	03/14/19 09:26	
Dimethylphthalate	ug/kg	<327	327	03/14/19 09:26	
Fluoranthene	ug/kg	<327	327	03/14/19 09:26	
Fluorene	ug/kg	<327	327	03/14/19 09:26	
Hexachlorobenzene	ug/kg	<327	327	03/14/19 09:26	
Hexachlorocyclopentadiene	ug/kg	<327	327	03/14/19 09:26	
Hexachloroethane	ug/kg	<327	327	03/14/19 09:26	
Indeno(1,2,3-cd)pyrene	ug/kg	<327	327	03/14/19 09:26	
Isophorone	ug/kg	<327	327	03/14/19 09:26	
N-Nitroso-di-n-propylamine	ug/kg	<327	327	03/14/19 09:26	
N-Nitrosodimethylamine	ug/kg	<327	327	03/14/19 09:26	
N-Nitrosodiphenylamine	ug/kg	<327	327	03/14/19 09:26	
Nitrobenzene	ug/kg	<327	327	03/14/19 09:26	
Pentachlorophenol	ug/kg	<1580	1580	03/14/19 09:26	
Phenanthrene	ug/kg	<327	327	03/14/19 09:26	
Phenol	ug/kg	<327	327	03/14/19 09:26	
Pyrene	ug/kg	<327	327	03/14/19 09:26	
Pyridine	ug/kg	<327	327	03/14/19 09:26	
2,4,6-Tribromophenol (S)	%	75	19-117	03/14/19 09:26	
2-Fluorobiphenyl (S)	%	56	29-93	03/14/19 09:26	
2-Fluorophenol (S)	%	55	22-99	03/14/19 09:26	
Nitrobenzene-d5 (S)	%	54	29-87	03/14/19 09:26	
p-Terphenyl-d14 (S)	%	109	26-127	03/14/19 09:26	
Phenol-d5 (S)	%	55	24-99	03/14/19 09:26	

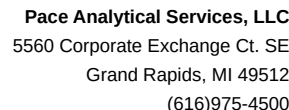
LABORATORY CONTROL SAMPLE: 2255052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3290	2660	81	40-115	
2-Chlorophenol	ug/kg	3290	2610	79	44-99	
2-Methylnaphthalene	ug/kg	3290	2470	75	47-95	
4-Chloro-3-methylphenol	ug/kg	3290	2480	76	45-107	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2255052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Nitrophenol	ug/kg	3290	2830	86	36-110	
Acenaphthene	ug/kg	3290	2490	76	48-100	
Acenaphthylene	ug/kg	3290	2470	75	49-103	
Anthracene	ug/kg	3290	2640	80	48-103	
Benzo(a)anthracene	ug/kg	3290	3010	91	51-103	
Benzo(a)pyrene	ug/kg	3290	2550	78	47-97	
Benzo(b)fluoranthene	ug/kg	3290	2610	79	45-102	
Benzo(g,h,i)perylene	ug/kg	3290	2620	80	46-97	
Benzo(k)fluoranthene	ug/kg	3290	2380	72	45-100	
Chrysene	ug/kg	3290	3030	92	52-103	
Dibenz(a,h)anthracene	ug/kg	3290	2460	75	46-98	
Fluoranthene	ug/kg	3290	2840	86	51-109	
Fluorene	ug/kg	3290	2710	83	49-104	
Indeno(1,2,3-cd)pyrene	ug/kg	3290	2620	80	46-98	
N-Nitroso-di-n-propylamine	ug/kg	3290	2310	70	40-96	
Pentachlorophenol	ug/kg	3290	2410	73	27-120	
Phenanthrene	ug/kg	3290	2690	82	51-104	
Phenol	ug/kg	3290	2360	72	40-99	
Pyrene	ug/kg	3290	2900	88	51-105	
2,4,6-Tribromophenol (S)	%.			80	19-117	
2-Fluorobiphenyl (S)	%.			72	29-93	
2-Fluorophenol (S)	%.			75	22-99	
Nitrobenzene-d5 (S)	%.			72	29-87	
p-Terphenyl-d14 (S)	%.			111	26-127	
Phenol-d5 (S)	%.			72	24-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255053 2255054

Parameter	Units	50218951006	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
		Result	Spike Conc.	Spike Conc.						Result	Result	
2,4-Dinitrotoluene	ug/kg	<377	3830	3820	2930	2800	76	73	40-115	4	20	
2-Chlorophenol	ug/kg	<377	3830	3820	2500	2360	65	62	13-110	6	20	
2-Methylnaphthalene	ug/kg	<377	3830	3820	2580	2230	67	59	18-110	14	20	
4-Chloro-3-methylphenol	ug/kg	<753	3830	3820	2940	2710	77	71	18-114	8	20	
4-Nitrophenol	ug/kg	<1830	3830	3820	3340	3120	87	82	10-124	7	20	
Acenaphthene	ug/kg	<377	3830	3820	2630	2420	69	63	21-108	8	20	
Acenaphthylene	ug/kg	<377	3830	3820	2630	2470	69	65	18-115	6	20	
Anthracene	ug/kg	<377	3830	3820	2790	2670	73	70	11-115	4	20	
Benzo(a)anthracene	ug/kg	<377	3830	3820	3110	2890	81	76	10-120	7	20	
Benzo(a)pyrene	ug/kg	<377	3830	3820	2510	2430	66	64	13-103	3	20	
Benzo(b)fluoranthene	ug/kg	<377	3830	3820	2640	2500	69	65	10-112	6	20	
Benzo(g,h,i)perylene	ug/kg	<377	3830	3820	2530	2440	66	64	10-101	3	20	
Benzo(k)fluoranthene	ug/kg	<377	3830	3820	2330	2300	61	60	10-110	1	20	
Chrysene	ug/kg	<377	3830	3820	3150	3050	82	80	10-117	3	20	
Dibenz(a,h)anthracene	ug/kg	<377	3830	3820	2420	2400	63	63	15-104	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255053 2255054											
Parameter	Units	50218951006 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
			Spike Conc.	Spike Conc.						RPD	RPD
Fluoranthene	ug/kg	<377	3830	3820	2920	2760	76	72	13-119	5	20
Fluorene	ug/kg	<377	3830	3820	2960	2750	77	72	18-115	7	20
Indeno(1,2,3-cd)pyrene	ug/kg	<377	3830	3820	2520	2460	66	65	10-104	2	20
N-Nitroso-di-n-propylamine	ug/kg	<377	3830	3820	2310	2200	60	58	24-102	5	20
Pentachlorophenol	ug/kg	<1830	3830	3820	2840	2930	74	77	10-125	3	20
Phenanthrene	ug/kg	<377	3830	3820	2780	2650	72	70	14-118	4	20
Phenol	ug/kg	<377	3830	3820	2420	2220	63	58	10-111	8	20
Pyrene	ug/kg	<377	3830	3820	3080	2870	80	75	13-120	7	20
2,4,6-Tribromophenol (S)	%.						72	76	19-117		
2-Fluorobiphenyl (S)	%.						66	65	29-93		
2-Fluorophenol (S)	%.						66	62	22-99		
Nitrobenzene-d5 (S)	%.						66	60	29-87		
p-Terphenyl-d14 (S)	%.						101	112	26-127		
Phenol-d5 (S)	%.						64	61	24-99		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	489294	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951044		

METHOD BLANK:	2256615	Matrix:	Solid
Associated Lab Samples:	50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951044		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<330	330	03/15/19 09:07	
2,4,6-Trichlorophenol	ug/kg	<330	330	03/15/19 09:07	
2,4-Dichlorophenol	ug/kg	<330	330	03/15/19 09:07	
2,4-Dimethylphenol	ug/kg	<330	330	03/15/19 09:07	
2,4-Dinitrophenol	ug/kg	<1600	1600	03/15/19 09:07	
2,4-Dinitrotoluene	ug/kg	<330	330	03/15/19 09:07	
2,6-Dinitrotoluene	ug/kg	<330	330	03/15/19 09:07	
2-Chloronaphthalene	ug/kg	<330	330	03/15/19 09:07	
2-Chlorophenol	ug/kg	<330	330	03/15/19 09:07	
2-Methylnaphthalene	ug/kg	<330	330	03/15/19 09:07	
2-Methylphenol(o-Cresol)	ug/kg	<330	330	03/15/19 09:07	
2-Nitroaniline	ug/kg	<330	330	03/15/19 09:07	
2-Nitrophenol	ug/kg	<330	330	03/15/19 09:07	
3&4-Methylphenol(m&p Cresol)	ug/kg	<660	660	03/15/19 09:07	
3,3'-Dichlorobenzidine	ug/kg	<660	660	03/15/19 09:07	
3-Nitroaniline	ug/kg	<330	330	03/15/19 09:07	
4,6-Dinitro-2-methylphenol	ug/kg	<660	660	03/15/19 09:07	
4-Bromophenylphenyl ether	ug/kg	<330	330	03/15/19 09:07	
4-Chloro-3-methylphenol	ug/kg	<660	660	03/15/19 09:07	
4-Chlorophenylphenyl ether	ug/kg	<330	330	03/15/19 09:07	
4-Nitroaniline	ug/kg	<330	330	03/15/19 09:07	
4-Nitrophenol	ug/kg	<1600	1600	03/15/19 09:07	
Acenaphthene	ug/kg	<330	330	03/15/19 09:07	
Acenaphthylene	ug/kg	<330	330	03/15/19 09:07	
Aniline	ug/kg	<330	330	03/15/19 09:07	
Anthracene	ug/kg	<330	330	03/15/19 09:07	
Atrazine	ug/kg	<330	330	03/15/19 09:07	N2
Azobenzene	ug/kg	<1600	1600	03/15/19 09:07	N2
Benzidine	ug/kg	<1600	1600	03/15/19 09:07	
Benzo(a)anthracene	ug/kg	<330	330	03/15/19 09:07	
Benzo(a)pyrene	ug/kg	<330	330	03/15/19 09:07	
Benzo(b)fluoranthene	ug/kg	<330	330	03/15/19 09:07	
Benzo(g,h,i)perylene	ug/kg	<330	330	03/15/19 09:07	
Benzo(k)fluoranthene	ug/kg	<330	330	03/15/19 09:07	
Benzoic acid	ug/kg	<1600	1600	03/15/19 09:07	
Benzyl alcohol	ug/kg	<660	660	03/15/19 09:07	
bis(2-Chloroethoxy)methane	ug/kg	<330	330	03/15/19 09:07	
bis(2-Chloroethyl) ether	ug/kg	<330	330	03/15/19 09:07	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2256615

Matrix: Solid

Associated Lab Samples: 50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951044

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	<330	330	03/15/19 09:07	
bis(2-Ethylhexyl)phthalate	ug/kg	<330	330	03/15/19 09:07	
Butylbenzylphthalate	ug/kg	<330	330	03/15/19 09:07	
Caprolactam	ug/kg	<330	330	03/15/19 09:07	N2
Carbazole	ug/kg	<330	330	03/15/19 09:07	
Chrysene	ug/kg	<330	330	03/15/19 09:07	
Di-n-butylphthalate	ug/kg	<330	330	03/15/19 09:07	
Di-n-octylphthalate	ug/kg	<330	330	03/15/19 09:07	
Dibenz(a,h)anthracene	ug/kg	<330	330	03/15/19 09:07	
Dibenzofuran	ug/kg	<330	330	03/15/19 09:07	
Diethylphthalate	ug/kg	<330	330	03/15/19 09:07	
Dimethylphthalate	ug/kg	<330	330	03/15/19 09:07	
Fluoranthene	ug/kg	<330	330	03/15/19 09:07	
Fluorene	ug/kg	<330	330	03/15/19 09:07	
Hexachlorobenzene	ug/kg	<330	330	03/15/19 09:07	
Hexachlorocyclopentadiene	ug/kg	<330	330	03/15/19 09:07	
Hexachloroethane	ug/kg	<330	330	03/15/19 09:07	
Indeno(1,2,3-cd)pyrene	ug/kg	<330	330	03/15/19 09:07	
Isophorone	ug/kg	<330	330	03/15/19 09:07	
N-Nitroso-di-n-propylamine	ug/kg	<330	330	03/15/19 09:07	
N-Nitrosodimethylamine	ug/kg	<330	330	03/15/19 09:07	
N-Nitrosodiphenylamine	ug/kg	<330	330	03/15/19 09:07	
Nitrobenzene	ug/kg	<330	330	03/15/19 09:07	
Pentachlorophenol	ug/kg	<1600	1600	03/15/19 09:07	
Phenanthrene	ug/kg	<330	330	03/15/19 09:07	
Phenol	ug/kg	<330	330	03/15/19 09:07	
Pyrene	ug/kg	<330	330	03/15/19 09:07	
Pyridine	ug/kg	<330	330	03/15/19 09:07	
2,4,6-Tribromophenol (S)	%	85	19-117	03/15/19 09:07	
2-Fluorobiphenyl (S)	%	80	29-93	03/15/19 09:07	
2-Fluorophenol (S)	%	81	22-99	03/15/19 09:07	
Nitrobenzene-d5 (S)	%	81	29-87	03/15/19 09:07	
p-Terphenyl-d14 (S)	%	108	26-127	03/15/19 09:07	
Phenol-d5 (S)	%	81	24-99	03/15/19 09:07	

LABORATORY CONTROL SAMPLE: 2256616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3320	2950	89	40-115	
2-Chlorophenol	ug/kg	3320	2700	81	44-99	
2-Methylnaphthalene	ug/kg	3320	2710	81	47-95	
4-Chloro-3-methylphenol	ug/kg	3320	2840	85	45-107	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2256616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Nitrophenol	ug/kg	3320	2930	88	36-110	
Acenaphthene	ug/kg	3320	2740	83	48-100	
Acenaphthylene	ug/kg	3320	2760	83	49-103	
Anthracene	ug/kg	3320	2870	86	48-103	
Benzo(a)anthracene	ug/kg	3320	3150	95	51-103	
Benzo(a)pyrene	ug/kg	3320	2800	84	47-97	
Benzo(b)fluoranthene	ug/kg	3320	2710	82	45-102	
Benzo(g,h,i)perylene	ug/kg	3320	3050	92	46-97	
Benzo(k)fluoranthene	ug/kg	3320	2750	83	45-100	
Chrysene	ug/kg	3320	3230	97	52-103	
Dibenz(a,h)anthracene	ug/kg	3320	2910	88	46-98	
Fluoranthene	ug/kg	3320	2750	83	51-109	
Fluorene	ug/kg	3320	3010	91	49-104	
Indeno(1,2,3-cd)pyrene	ug/kg	3320	3010	91	46-98	
N-Nitroso-di-n-propylamine	ug/kg	3320	2580	78	40-96	
Pentachlorophenol	ug/kg	3320	2730	82	27-120	
Phenanthrene	ug/kg	3320	2840	86	51-104	
Phenol	ug/kg	3320	2600	78	40-99	
Pyrene	ug/kg	3320	3350	101	51-105	
2,4,6-Tribromophenol (S)	%			85	19-117	
2-Fluorobiphenyl (S)	%			77	29-93	
2-Fluorophenol (S)	%			79	22-99	
Nitrobenzene-d5 (S)	%			77	29-87	
p-Terphenyl-d14 (S)	%			102	26-127	
Phenol-d5 (S)	%			75	24-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2256617 2256618

Parameter	Units	50218951044 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-Dinitrotoluene	ug/kg	<423	4280	4260	1520	1720	35	40	40-115	13	20	M1
2-Chlorophenol	ug/kg	<423	4280	4260	2340	2850	55	67	13-110	20	20	
2-Methylnaphthalene	ug/kg	<423	4280	4260	2170	2680	50	63	18-110	21	20	R1
4-Chloro-3-methylphenol	ug/kg	<846	4280	4260	2390	2950	56	69	18-114	21	20	R1
4-Nitrophenol	ug/kg	<2050	4280	4260	<2060	<2050	41	45	10-124		20	
Acenaphthene	ug/kg	<423	4280	4260	2170	2520	51	59	21-108	15	20	
Acenaphthylene	ug/kg	<423	4280	4260	2230	2540	52	60	18-115	13	20	
Anthracene	ug/kg	<423	4280	4260	2430	2750	57	64	11-115	12	20	
Benzo(a)anthracene	ug/kg	<423	4280	4260	2460	2880	57	68	10-120	16	20	
Benzo(a)pyrene	ug/kg	<423	4280	4260	2120	2430	50	57	13-103	13	20	
Benzo(b)fluoranthene	ug/kg	<423	4280	4260	2070	2430	48	57	10-112	16	20	
Benzo(g,h,i)perylene	ug/kg	<423	4280	4260	1980	2300	46	54	10-101	15	20	
Benzo(k)fluoranthene	ug/kg	<423	4280	4260	2070	2410	48	56	10-110	15	20	
Chrysene	ug/kg	<423	4280	4260	2510	2910	59	68	10-117	15	20	
Dibenz(a,h)anthracene	ug/kg	<423	4280	4260	1880	2200	44	52	15-104	16	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2256617 2256618											
Parameter	Units	50218951044 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Fluoranthene	ug/kg	<423	4280	4260	2360	2710	55	64	13-119	14	20
Fluorene	ug/kg	<423	4280	4260	2500	2900	58	68	18-115	14	20
Indeno(1,2,3-cd)pyrene	ug/kg	<423	4280	4260	1960	2280	46	54	10-104	15	20
N-Nitroso-di-n-propylamine	ug/kg	<423	4280	4260	2060	2530	48	59	24-102	20	20
Pentachlorophenol	ug/kg	<2050	4280	4260	<2060	<2050	36	36	10-125		20
Phenanthrene	ug/kg	<423	4280	4260	2410	2740	56	64	14-118	13	20
Phenol	ug/kg	<423	4280	4260	2180	2620	51	62	10-111	18	20
Pyrene	ug/kg	<423	4280	4260	2860	3480	67	82	13-120	19	20
2,4,6-Tribromophenol (S)	%.						42	55	19-117		
2-Fluorobiphenyl (S)	%.						46	55	29-93		
2-Fluorophenol (S)	%.						50	64	22-99		
Nitrobenzene-d5 (S)	%.						44	57	29-87		
p-Terphenyl-d14 (S)	%.						64	81	26-127		
Phenol-d5 (S)	%.						50	64	24-99		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489746	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064		

METHOD BLANK: 2259308

Matrix: Solid

Associated Lab Samples: 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<327	327	03/20/19 09:47	
2,4,6-Trichlorophenol	ug/kg	<327	327	03/20/19 09:47	
2,4-Dichlorophenol	ug/kg	<327	327	03/20/19 09:47	
2,4-Dimethylphenol	ug/kg	<327	327	03/20/19 09:47	
2,4-Dinitrophenol	ug/kg	<1580	1580	03/20/19 09:47	
2,4-Dinitrotoluene	ug/kg	<327	327	03/20/19 09:47	
2,6-Dinitrotoluene	ug/kg	<327	327	03/20/19 09:47	
2-Chloronaphthalene	ug/kg	<327	327	03/20/19 09:47	
2-Chlorophenol	ug/kg	<327	327	03/20/19 09:47	
2-Methylnaphthalene	ug/kg	<327	327	03/20/19 09:47	
2-Methylphenol(o-Cresol)	ug/kg	<327	327	03/20/19 09:47	
2-Nitroaniline	ug/kg	<327	327	03/20/19 09:47	
2-Nitrophenol	ug/kg	<327	327	03/20/19 09:47	
3&4-Methylphenol(m&p Cresol)	ug/kg	<653	653	03/20/19 09:47	
3,3'-Dichlorobenzidine	ug/kg	<653	653	03/20/19 09:47	
3-Nitroaniline	ug/kg	<327	327	03/20/19 09:47	
4,6-Dinitro-2-methylphenol	ug/kg	<653	653	03/20/19 09:47	
4-Bromophenylphenyl ether	ug/kg	<327	327	03/20/19 09:47	
4-Chloro-3-methylphenol	ug/kg	<653	653	03/20/19 09:47	
4-Chlorophenylphenyl ether	ug/kg	<327	327	03/20/19 09:47	
4-Nitroaniline	ug/kg	<327	327	03/20/19 09:47	
4-Nitrophenol	ug/kg	<1580	1580	03/20/19 09:47	
Acenaphthene	ug/kg	<327	327	03/20/19 09:47	
Acenaphthylene	ug/kg	<327	327	03/20/19 09:47	
Aniline	ug/kg	<327	327	03/20/19 09:47	
Anthracene	ug/kg	<327	327	03/20/19 09:47	
Atrazine	ug/kg	<327	327	03/20/19 09:47	N2
Azobenzene	ug/kg	<1580	1580	03/20/19 09:47	N2
Benzidine	ug/kg	<1580	1580	03/20/19 09:47	
Benzo(a)anthracene	ug/kg	<327	327	03/20/19 09:47	
Benzo(a)pyrene	ug/kg	<327	327	03/20/19 09:47	
Benzo(b)fluoranthene	ug/kg	<327	327	03/20/19 09:47	
Benzo(g,h,i)perylene	ug/kg	<327	327	03/20/19 09:47	
Benzo(k)fluoranthene	ug/kg	<327	327	03/20/19 09:47	
Benzoic acid	ug/kg	<1580	1580	03/20/19 09:47	
Benzyl alcohol	ug/kg	<653	653	03/20/19 09:47	
bis(2-Chloroethoxy)methane	ug/kg	<327	327	03/20/19 09:47	
bis(2-Chloroethyl) ether	ug/kg	<327	327	03/20/19 09:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2259308

Matrix: Solid

Associated Lab Samples: 50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060, 50218951061, 50218951062, 50218951063, 50218951064

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	<327	327	03/20/19 09:47	
bis(2-Ethylhexyl)phthalate	ug/kg	<327	327	03/20/19 09:47	
Butylbenzylphthalate	ug/kg	<327	327	03/20/19 09:47	
Caprolactam	ug/kg	<327	327	03/20/19 09:47	N2
Carbazole	ug/kg	<327	327	03/20/19 09:47	
Chrysene	ug/kg	<327	327	03/20/19 09:47	
Di-n-butylphthalate	ug/kg	<327	327	03/20/19 09:47	
Di-n-octylphthalate	ug/kg	<327	327	03/20/19 09:47	
Dibenz(a,h)anthracene	ug/kg	<327	327	03/20/19 09:47	
Dibenzofuran	ug/kg	<327	327	03/20/19 09:47	
Diethylphthalate	ug/kg	<327	327	03/20/19 09:47	
Dimethylphthalate	ug/kg	<327	327	03/20/19 09:47	
Fluoranthene	ug/kg	<327	327	03/20/19 09:47	
Fluorene	ug/kg	<327	327	03/20/19 09:47	
Hexachlorobenzene	ug/kg	<327	327	03/20/19 09:47	
Hexachlorocyclopentadiene	ug/kg	<327	327	03/20/19 09:47	
Hexachloroethane	ug/kg	<327	327	03/20/19 09:47	
Indeno(1,2,3-cd)pyrene	ug/kg	<327	327	03/20/19 09:47	
Isophorone	ug/kg	<327	327	03/20/19 09:47	
N-Nitroso-di-n-propylamine	ug/kg	<327	327	03/20/19 09:47	
N-Nitrosodimethylamine	ug/kg	<327	327	03/20/19 09:47	
N-Nitrosodiphenylamine	ug/kg	<327	327	03/20/19 09:47	
Nitrobenzene	ug/kg	<327	327	03/20/19 09:47	
Pentachlorophenol	ug/kg	<1580	1580	03/20/19 09:47	
Phenanthrene	ug/kg	<327	327	03/20/19 09:47	
Phenol	ug/kg	<327	327	03/20/19 09:47	
Pyrene	ug/kg	<327	327	03/20/19 09:47	
Pyridine	ug/kg	<327	327	03/20/19 09:47	
2,4,6-Tribromophenol (S)	%	84	10-114	03/20/19 09:47	
2-Fluorobiphenyl (S)	%	78	21-96	03/20/19 09:47	
2-Fluorophenol (S)	%	81	16-104	03/20/19 09:47	
Nitrobenzene-d5 (S)	%	74	18-98	03/20/19 09:47	
p-Terphenyl-d14 (S)	%	104	29-124	03/20/19 09:47	
Phenol-d5 (S)	%	80	18-108	03/20/19 09:47	

LABORATORY CONTROL SAMPLE: 2259309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3310	2820	85	32-115	
2-Chlorophenol	ug/kg	3310	2540	77	47-102	
2-Methylnaphthalene	ug/kg	3310	2650	80	49-101	
4-Chloro-3-methylphenol	ug/kg	3310	2780	84	46-112	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2259309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Nitrophenol	ug/kg	3310	3050	92	28-123	
Acenaphthene	ug/kg	3310	2800	84	45-103	
Acenaphthylene	ug/kg	3310	2720	82	46-103	
Anthracene	ug/kg	3310	2940	89	53-106	
Benzo(a)anthracene	ug/kg	3310	3420	103	52-107	
Benzo(a)pyrene	ug/kg	3310	2760	83	46-108	
Benzo(b)fluoranthene	ug/kg	3310	2710	82	48-111	
Benzo(g,h,i)perylene	ug/kg	3310	2750	83	44-111	
Benzo(k)fluoranthene	ug/kg	3310	2820	85	49-111	
Chrysene	ug/kg	3310	3380	102	53-109	
Dibenz(a,h)anthracene	ug/kg	3310	2630	79	47-110	
Fluoranthene	ug/kg	3310	3080	93	50-113	
Fluorene	ug/kg	3310	2890	87	46-107	
Indeno(1,2,3-cd)pyrene	ug/kg	3310	2760	83	46-111	
N-Nitroso-di-n-propylamine	ug/kg	3310	2510	76	40-103	
Pentachlorophenol	ug/kg	3310	2890	87	27-124	
Phenanthrene	ug/kg	3310	3010	91	53-107	
Phenol	ug/kg	3310	2770	84	40-104	
Pyrene	ug/kg	3310	3290	99	45-119	
2,4,6-Tribromophenol (S)	%			81	10-114	
2-Fluorobiphenyl (S)	%			75	21-96	
2-Fluorophenol (S)	%			79	16-104	
Nitrobenzene-d5 (S)	%			76	18-98	
p-Terphenyl-d14 (S)	%			111	29-124	
Phenol-d5 (S)	%			78	18-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259310 2259311

Parameter	Units	50218951045 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4-Dinitrotoluene	ug/kg	<401	4060	4050	3440	2980	85	74	10-125	15	20	
2-Chlorophenol	ug/kg	<401	4060	4050	2920	2840	72	70	14-115	3	20	
2-Methylnaphthalene	ug/kg	<401	4060	4050	3020	2720	74	67	19-118	10	20	
4-Chloro-3-methylphenol	ug/kg	<802	4060	4050	3200	3110	79	77	14-127	3	20	
4-Nitrophenol	ug/kg	<1940	4060	4050	3690	3450	91	85	10-137	7	20	
Acenaphthene	ug/kg	<401	4060	4050	3310	2850	81	70	18-113	15	20	
Acenaphthylene	ug/kg	<401	4060	4050	3270	2770	81	69	17-113	16	20	
Anthracene	ug/kg	<401	4060	4050	3400	2880	84	71	22-114	16	20	
Benzo(a)anthracene	ug/kg	<401	4060	4050	3760	3170	93	78	18-115	17	20	
Benzo(a)pyrene	ug/kg	<401	4060	4050	3040	2630	75	65	14-109	15	20	
Benzo(b)fluoranthene	ug/kg	<401	4060	4050	3110	2740	77	68	10-120	13	20	
Benzo(g,h,i)perylene	ug/kg	<401	4060	4050	2900	2480	72	61	13-109	16	20	
Benzo(k)fluoranthene	ug/kg	<401	4060	4050	3080	2680	76	66	14-114	14	20	
Chrysene	ug/kg	<401	4060	4050	3730	3080	92	76	18-119	19	20	
Dibenz(a,h)anthracene	ug/kg	<401	4060	4050	2870	2460	71	61	12-114	16	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259310 2259311											
Parameter	Units	50218951045		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Spike	Conc.	Result	% Rec	Result	% Rec
Fluoranthene	ug/kg	<401	4060	4060	4050	3410	2980	84	74	20-120	14
Fluorene	ug/kg	<401	4060	4060	4050	3470	2920	85	72	17-120	17
Indeno(1,2,3-cd)pyrene	ug/kg	<401	4060	4060	4050	3000	2530	74	62	13-109	17
N-Nitroso-di-n-propylamine	ug/kg	<401	4060	4060	4050	3060	2850	75	70	24-108	7
Pentachlorophenol	ug/kg	<1940	4060	4060	4050	3220	3160	79	78	10-139	2
Phenanthrene	ug/kg	<401	4060	4060	4050	3450	3060	85	76	28-113	12
Phenol	ug/kg	<401	4060	4060	4050	3100	3040	76	75	10-117	2
Pyrene	ug/kg	<401	4060	4060	4050	3690	3120	91	77	18-130	17
2,4,6-Tribromophenol (S)	%							77	71	10-114	
2-Fluorobiphenyl (S)	%							73	62	21-96	
2-Fluorophenol (S)	%							72	72	16-104	
Nitrobenzene-d5 (S)	%							72	70	18-98	
p-Terphenyl-d14 (S)	%							98	85	29-124	
Phenol-d5 (S)	%							73	73	18-108	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	489943	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951065, 50218951066, 50218951067, 50218951068, 50218951069		

METHOD BLANK:	2260012	Matrix:	Solid
Associated Lab Samples:	50218951065, 50218951066, 50218951067, 50218951068, 50218951069		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<327	327	03/19/19 13:10	
2,4,6-Trichlorophenol	ug/kg	<327	327	03/19/19 13:10	
2,4-Dichlorophenol	ug/kg	<327	327	03/19/19 13:10	
2,4-Dimethylphenol	ug/kg	<327	327	03/19/19 13:10	
2,4-Dinitrophenol	ug/kg	<1580	1580	03/19/19 13:10	
2,4-Dinitrotoluene	ug/kg	<327	327	03/19/19 13:10	
2,6-Dinitrotoluene	ug/kg	<327	327	03/19/19 13:10	
2-Chloronaphthalene	ug/kg	<327	327	03/19/19 13:10	
2-Chlorophenol	ug/kg	<327	327	03/19/19 13:10	
2-Methylnaphthalene	ug/kg	<327	327	03/19/19 13:10	
2-Methylphenol(o-Cresol)	ug/kg	<327	327	03/19/19 13:10	
2-Nitroaniline	ug/kg	<327	327	03/19/19 13:10	
2-Nitrophenol	ug/kg	<327	327	03/19/19 13:10	
3&4-Methylphenol(m&p Cresol)	ug/kg	<653	653	03/19/19 13:10	
3,3'-Dichlorobenzidine	ug/kg	<653	653	03/19/19 13:10	
3-Nitroaniline	ug/kg	<327	327	03/19/19 13:10	
4,6-Dinitro-2-methylphenol	ug/kg	<653	653	03/19/19 13:10	
4-Bromophenylphenyl ether	ug/kg	<327	327	03/19/19 13:10	
4-Chloro-3-methylphenol	ug/kg	<653	653	03/19/19 13:10	
4-Chlorophenylphenyl ether	ug/kg	<327	327	03/19/19 13:10	
4-Nitroaniline	ug/kg	<327	327	03/19/19 13:10	
4-Nitrophenol	ug/kg	<1580	1580	03/19/19 13:10	
Acenaphthene	ug/kg	<327	327	03/19/19 13:10	
Acenaphthylene	ug/kg	<327	327	03/19/19 13:10	
Aniline	ug/kg	<327	327	03/19/19 13:10	
Anthracene	ug/kg	<327	327	03/19/19 13:10	
Atrazine	ug/kg	<327	327	03/19/19 13:10	N2
Azobenzene	ug/kg	<1580	1580	03/19/19 13:10	N2
Benzidine	ug/kg	<1580	1580	03/19/19 13:10	
Benzo(a)anthracene	ug/kg	<327	327	03/19/19 13:10	
Benzo(a)pyrene	ug/kg	<327	327	03/19/19 13:10	
Benzo(b)fluoranthene	ug/kg	<327	327	03/19/19 13:10	
Benzo(g,h,i)perylene	ug/kg	<327	327	03/19/19 13:10	
Benzo(k)fluoranthene	ug/kg	<327	327	03/19/19 13:10	
Benzoic acid	ug/kg	<1580	1580	03/19/19 13:10	
Benzyl alcohol	ug/kg	<653	653	03/19/19 13:10	
bis(2-Chloroethoxy)methane	ug/kg	<327	327	03/19/19 13:10	
bis(2-Chloroethyl) ether	ug/kg	<327	327	03/19/19 13:10	
bis(2-Chloroisopropyl) ether	ug/kg	<327	327	03/19/19 13:10	
bis(2-Ethylhexyl)phthalate	ug/kg	<327	327	03/19/19 13:10	
Butylbenzylphthalate	ug/kg	<327	327	03/19/19 13:10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

METHOD BLANK: 2260012

Matrix: Solid

Associated Lab Samples: 50218951065, 50218951066, 50218951067, 50218951068, 50218951069

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Caprolactam	ug/kg	<327	327	03/19/19 13:10	N2
Carbazole	ug/kg	<327	327	03/19/19 13:10	
Chrysene	ug/kg	<327	327	03/19/19 13:10	
Di-n-butylphthalate	ug/kg	<327	327	03/19/19 13:10	
Di-n-octylphthalate	ug/kg	<327	327	03/19/19 13:10	
Dibenz(a,h)anthracene	ug/kg	<327	327	03/19/19 13:10	
Dibenzofuran	ug/kg	<327	327	03/19/19 13:10	
Diethylphthalate	ug/kg	<327	327	03/19/19 13:10	
Dimethylphthalate	ug/kg	<327	327	03/19/19 13:10	
Fluoranthene	ug/kg	<327	327	03/19/19 13:10	
Fluorene	ug/kg	<327	327	03/19/19 13:10	
Hexachlorobenzene	ug/kg	<327	327	03/19/19 13:10	
Hexachlorocyclopentadiene	ug/kg	<327	327	03/19/19 13:10	
Hexachloroethane	ug/kg	<327	327	03/19/19 13:10	
Indeno(1,2,3-cd)pyrene	ug/kg	<327	327	03/19/19 13:10	
Isophorone	ug/kg	<327	327	03/19/19 13:10	
N-Nitroso-di-n-propylamine	ug/kg	<327	327	03/19/19 13:10	
N-Nitrosodimethylamine	ug/kg	<327	327	03/19/19 13:10	
N-Nitrosodiphenylamine	ug/kg	<327	327	03/19/19 13:10	
Nitrobenzene	ug/kg	<327	327	03/19/19 13:10	
Pentachlorophenol	ug/kg	<1580	1580	03/19/19 13:10	
Phenanthrene	ug/kg	<327	327	03/19/19 13:10	
Phenol	ug/kg	<327	327	03/19/19 13:10	
Pyrene	ug/kg	<327	327	03/19/19 13:10	
Pyridine	ug/kg	<327	327	03/19/19 13:10	
2,4,6-Tribromophenol (S)	%	82	10-114	03/19/19 13:10	
2-Fluorobiphenyl (S)	%	78	21-96	03/19/19 13:10	
2-Fluorophenol (S)	%	77	16-104	03/19/19 13:10	
Nitrobenzene-d5 (S)	%	75	18-98	03/19/19 13:10	
p-Terphenyl-d14 (S)	%	105	29-124	03/19/19 13:10	
Phenol-d5 (S)	%	71	18-108	03/19/19 13:10	

LABORATORY CONTROL SAMPLE: 2260013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3310	2820	85	32-115	
2-Chlorophenol	ug/kg	3310	2510	76	47-102	
2-Methylnaphthalene	ug/kg	3310	2780	84	49-101	
4-Chloro-3-methylphenol	ug/kg	3310	2910	88	46-112	
4-Nitrophenol	ug/kg	3310	2920	88	28-123	
Acenaphthene	ug/kg	3310	2700	82	45-103	
Acenaphthylene	ug/kg	3310	2760	83	46-103	
Anthracene	ug/kg	3310	2940	89	53-106	
Benzo(a)anthracene	ug/kg	3310	2990	90	52-107	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2260013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	3310	2880	87	46-108	
Benzo(b)fluoranthene	ug/kg	3310	2760	83	48-111	
Benzo(g,h,i)perylene	ug/kg	3310	2580	78	44-111	
Benzo(k)fluoranthene	ug/kg	3310	2810	85	49-111	
Chrysene	ug/kg	3310	3180	96	53-109	
Dibenz(a,h)anthracene	ug/kg	3310	2670	81	47-110	
Fluoranthene	ug/kg	3310	2970	90	50-113	
Fluorene	ug/kg	3310	2770	84	46-107	
Indeno(1,2,3-cd)pyrene	ug/kg	3310	2610	79	46-111	
N-Nitroso-di-n-propylamine	ug/kg	3310	2310	70	40-103	
Pentachlorophenol	ug/kg	3310	2720	82	27-124	
Phenanthrene	ug/kg	3310	2840	86	53-107	
Phenol	ug/kg	3310	2460	74	40-104	
Pyrene	ug/kg	3310	2810	85	45-119	
2,4,6-Tribromophenol (S)	%.			82	10-114	
2-Fluorobiphenyl (S)	%.			75	21-96	
2-Fluorophenol (S)	%.			73	16-104	
Nitrobenzene-d5 (S)	%.			74	18-98	
p-Terphenyl-d14 (S)	%.			102	29-124	
Phenol-d5 (S)	%.			70	18-108	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

QC Batch:	490209	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50218951043		

METHOD BLANK:	2261189	Matrix:	Solid
Associated Lab Samples:	50218951043		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4,6-Trichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dimethylphenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dinitrophenol	ug/kg	<1590	1590	03/21/19 18:02	
2,4-Dinitrotoluene	ug/kg	<329	329	03/21/19 18:02	
2,6-Dinitrotoluene	ug/kg	<329	329	03/21/19 18:02	
2-Chloronaphthalene	ug/kg	<329	329	03/21/19 18:02	
2-Chlorophenol	ug/kg	<329	329	03/21/19 18:02	
2-Methylnaphthalene	ug/kg	<329	329	03/21/19 18:02	
2-Methylphenol(o-Cresol)	ug/kg	<329	329	03/21/19 18:02	
2-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
2-Nitrophenol	ug/kg	<329	329	03/21/19 18:02	
3&4-Methylphenol(m&p Cresol)	ug/kg	<658	658	03/21/19 18:02	
3,3'-Dichlorobenzidine	ug/kg	<658	658	03/21/19 18:02	
3-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
4,6-Dinitro-2-methylphenol	ug/kg	<658	658	03/21/19 18:02	
4-Bromophenylphenyl ether	ug/kg	<329	329	03/21/19 18:02	
4-Chloro-3-methylphenol	ug/kg	<658	658	03/21/19 18:02	
4-Chlorophenylphenyl ether	ug/kg	<329	329	03/21/19 18:02	
4-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
4-Nitrophenol	ug/kg	<1590	1590	03/21/19 18:02	
Acenaphthene	ug/kg	<329	329	03/21/19 18:02	
Acenaphthylene	ug/kg	<329	329	03/21/19 18:02	
Aniline	ug/kg	<329	329	03/21/19 18:02	
Anthracene	ug/kg	<329	329	03/21/19 18:02	
Atrazine	ug/kg	<329	329	03/21/19 18:02	N2
Azobenzene	ug/kg	<1590	1590	03/21/19 18:02	N2
Benzidine	ug/kg	<1590	1590	03/21/19 18:02	
Benzo(a)anthracene	ug/kg	<329	329	03/21/19 18:02	
Benzo(a)pyrene	ug/kg	<329	329	03/21/19 18:02	
Benzo(b)fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Benzo(g,h,i)perylene	ug/kg	<329	329	03/21/19 18:02	
Benzo(k)fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Benzoic acid	ug/kg	<1590	1590	03/21/19 18:02	
Benzyl alcohol	ug/kg	<658	658	03/21/19 18:02	
bis(2-Chloroethoxy)methane	ug/kg	<329	329	03/21/19 18:02	
bis(2-Chloroethyl) ether	ug/kg	<329	329	03/21/19 18:02	
bis(2-Chloroisopropyl) ether	ug/kg	<329	329	03/21/19 18:02	
bis(2-Ethylhexyl)phthalate	ug/kg	<329	329	03/21/19 18:02	
Butylbenzylphthalate	ug/kg	<329	329	03/21/19 18:02	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

METHOD BLANK: 2261189

Matrix: Solid

Associated Lab Samples: 50218951043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Caprolactam	ug/kg	<329	329	03/21/19 18:02	N2
Carbazole	ug/kg	<329	329	03/21/19 18:02	
Chrysene	ug/kg	<329	329	03/21/19 18:02	
Di-n-butylphthalate	ug/kg	<329	329	03/21/19 18:02	
Di-n-octylphthalate	ug/kg	<329	329	03/21/19 18:02	
Dibenz(a,h)anthracene	ug/kg	<329	329	03/21/19 18:02	
Dibenzofuran	ug/kg	<329	329	03/21/19 18:02	
Diethylphthalate	ug/kg	<329	329	03/21/19 18:02	
Dimethylphthalate	ug/kg	<329	329	03/21/19 18:02	
Fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Fluorene	ug/kg	<329	329	03/21/19 18:02	
Hexachlorobenzene	ug/kg	<329	329	03/21/19 18:02	
Hexachlorocyclopentadiene	ug/kg	<329	329	03/21/19 18:02	
Hexachloroethane	ug/kg	<329	329	03/21/19 18:02	
Indeno(1,2,3-cd)pyrene	ug/kg	<329	329	03/21/19 18:02	
Isophorone	ug/kg	<329	329	03/21/19 18:02	
N-Nitroso-di-n-propylamine	ug/kg	<329	329	03/21/19 18:02	
N-Nitrosodimethylamine	ug/kg	<329	329	03/21/19 18:02	
N-Nitrosodiphenylamine	ug/kg	<329	329	03/21/19 18:02	
Nitrobenzene	ug/kg	<329	329	03/21/19 18:02	
Pentachlorophenol	ug/kg	<1590	1590	03/21/19 18:02	
Phenanthrene	ug/kg	<329	329	03/21/19 18:02	
Phenol	ug/kg	<329	329	03/21/19 18:02	
Pyrene	ug/kg	<329	329	03/21/19 18:02	
Pyridine	ug/kg	<329	329	03/21/19 18:02	
2,4,6-Tribromophenol (S)	%	90	10-114	03/21/19 18:02	
2-Fluorobiphenyl (S)	%	86	21-96	03/21/19 18:02	
2-Fluorophenol (S)	%	87	16-104	03/21/19 18:02	
Nitrobenzene-d5 (S)	%	83	18-98	03/21/19 18:02	
p-Terphenyl-d14 (S)	%	113	29-124	03/21/19 18:02	
Phenol-d5 (S)	%	85	18-108	03/21/19 18:02	

LABORATORY CONTROL SAMPLE: 2261190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3300	2760	83	32-115	
2-Chlorophenol	ug/kg	3300	2600	79	47-102	
2-Methylnaphthalene	ug/kg	3300	2650	80	49-101	
4-Chloro-3-methylphenol	ug/kg	3300	2800	85	46-112	
4-Nitrophenol	ug/kg	3300	2430	74	28-123	
Acenaphthene	ug/kg	3300	2750	83	45-103	
Acenaphthylene	ug/kg	3300	2800	85	46-103	
Anthracene	ug/kg	3300	2760	84	53-106	
Benzo(a)anthracene	ug/kg	3300	3110	94	52-107	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

LABORATORY CONTROL SAMPLE: 2261190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	3300	2820	85	46-108	
Benzo(b)fluoranthene	ug/kg	3300	2810	85	48-111	
Benzo(g,h,i)perylene	ug/kg	3300	2710	82	44-111	
Benzo(k)fluoranthene	ug/kg	3300	2850	86	49-111	
Chrysene	ug/kg	3300	3130	95	53-109	
Dibenz(a,h)anthracene	ug/kg	3300	2720	82	47-110	
Fluoranthene	ug/kg	3300	2850	86	50-113	
Fluorene	ug/kg	3300	2820	85	46-107	
Indeno(1,2,3-cd)pyrene	ug/kg	3300	2720	82	46-111	
N-Nitroso-di-n-propylamine	ug/kg	3300	2480	75	40-103	
Pentachlorophenol	ug/kg	3300	1960	59	27-124	
Phenanthrene	ug/kg	3300	2800	85	53-107	
Phenol	ug/kg	3300	2370	72	40-104	
Pyrene	ug/kg	3300	3290	100	45-119	
2,4,6-Tribromophenol (S)	%.			85	10-114	
2-Fluorobiphenyl (S)	%.			83	21-96	
2-Fluorophenol (S)	%.			80	16-104	
Nitrobenzene-d5 (S)	%.			76	18-98	
p-Terphenyl-d14 (S)	%.			107	29-124	
Phenol-d5 (S)	%.			79	18-108	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch: 489485 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50218951001, 50218951002, 50218951003, 50218951004, 50218951005

SAMPLE DUPLICATE: 2257710

Parameter	Units	50218951001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.4	21.3	9	5	R1

SAMPLE DUPLICATE: 2257711

Parameter	Units	50219300001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.9	7.3	38	5	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489486	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50218951006, 50218951007, 50218951008, 50218951009, 50218951010, 50218951011, 50218951012, 50218951013, 50218951014, 50218951015, 50218951016, 50218951017, 50218951018, 50218951019, 50218951020, 50218951021, 50218951022, 50218951023, 50218951024, 50218951025		

SAMPLE DUPLICATE: 2257713

Parameter	Units	50218951006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.5	13.9	3	5	

SAMPLE DUPLICATE: 2257714

Parameter	Units	50218951025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	15.6	3	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489736	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50218951026, 50218951027, 50218951028, 50218951029, 50218951030, 50218951031, 50218951032, 50218951033, 50218951034, 50218951035, 50218951036, 50218951037, 50218951038, 50218951039, 50218951040, 50218951041, 50218951042, 50218951043, 50218951044		

SAMPLE DUPLICATE: 2259278

Parameter	Units	50218951044 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.3	22.8	2	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489738	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50218951045, 50218951046, 50218951047, 50218951048, 50218951049, 50218951050, 50218951051, 50218951052, 50218951053, 50218951054, 50218951055, 50218951056, 50218951057, 50218951058, 50218951059, 50218951060		

SAMPLE DUPLICATE: 2259285

Parameter	Units	50218951045 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.5	18.5	0	5	

SAMPLE DUPLICATE: 2259286

Parameter	Units	50218911004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	37.6	40.3	7	5	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

QC Batch:	489739	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50218951061, 50218951062, 50218951063, 50218951064, 50218951065, 50218951066, 50218951067, 50218951068, 50218951069		

SAMPLE DUPLICATE: 2259287

Parameter	Units	50218951061 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	15.9	2	5	

SAMPLE DUPLICATE: 2259288

Parameter	Units	50218951069 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.1	19.8	1	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50218951

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	RPD is outside control limits due to sample non-homogeneity. 3-18-19 CAW
2d	The relative percent difference (RPD) value is outside control limits due to sample non-homogeneity.
B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
P8	Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951001	7C-11081-SB-01 (2-3')	EPA 3050B	488707	EPA 6020	489167
50218951002	7C-11081-SB-01 (9-10')	EPA 3050B	488707	EPA 6020	489167
50218951003	7C-11081-SB-02 (3-4')	EPA 3050B	488707	EPA 6020	489167
50218951004	7C-11081-SB-02 (6-7')	EPA 3050B	488707	EPA 6020	489167
50218951005	7C-11081-SB-03 (3-4')	EPA 3050B	488707	EPA 6020	489167
50218951006	7C-11081-SB-03 (5-6')	EPA 3050B	488707	EPA 6020	489167
50218951007	7C-11081-SB-04 (4-5')	EPA 3050B	488707	EPA 6020	489167
50218951008	7C-11081-SB-04 (6-7')	EPA 3050B	488707	EPA 6020	489167
50218951009	7C-11081-SB-05 (1-2')	EPA 3050B	488707	EPA 6020	489167
50218951010	7C-11081-SB-05 (3-4')	EPA 3050B	488707	EPA 6020	489167
50218951011	7C-11081-SB-06 (1-2')	EPA 3050B	488707	EPA 6020	489167
50218951012	7C-11081-SB-06 (9-10')	EPA 3050B	488707	EPA 6020	489167
50218951013	7C-11081-SB-07 (2-3')	EPA 3050B	488707	EPA 6020	489167
50218951014	7C-11081-SB-07 (5-6')	EPA 3050B	488707	EPA 6020	489167
50218951015	7C-11081-SB-08 (4-5')	EPA 3050B	488708	EPA 6020	489413
50218951016	7C-11081-SB-08 (6-7')	EPA 3050B	488708	EPA 6020	489413
50218951017	7C-11031-SB-09 (3-4')	EPA 3050B	488708	EPA 6020	489413
50218951018	7C-11031-SB-09 (7-8')	EPA 3050B	488708	EPA 6020	489413
50218951019	7C-11031-SB-10 (2-3')	EPA 3050B	488708	EPA 6020	489413
50218951020	7C-11031-SB-10 (4-5')	EPA 3050B	488708	EPA 6020	489413
50218951021	7C-11031-SB-11 (3-4')	EPA 3050B	488708	EPA 6020	489413
50218951022	7C-11031-SB-11 (7-8')	EPA 3050B	488708	EPA 6020	489413
50218951023	7C-11031-SB-12 (1-2')	EPA 3050B	488708	EPA 6020	489413
50218951024	7C-11031-SB-12 (5-6')	EPA 3050B	488708	EPA 6020	489413
50218951025	7C-11031-SB-13 (1-2')	EPA 3050B	488708	EPA 6020	489413
50218951026	7C-11031-SB-13 (3-4')	EPA 3050B	488708	EPA 6020	489413
50218951027	7C-11031-SB-14 (1-2')	EPA 3050B	488708	EPA 6020	489413
50218951028	7C-11031-SB-14 (3-4')	EPA 3050B	488708	EPA 6020	489413
50218951029	7C-11031-SB-15 (2-3')	EPA 3050B	488708	EPA 6020	489413
50218951030	7C-11031-SB-15 (6-7')	EPA 3050B	488708	EPA 6020	489413
50218951031	7C-11031-SB-16 (4-5')	EPA 3050B	488708	EPA 6020	489413
50218951032	7C-11031-SB-16 (5-6')	EPA 3050B	488708	EPA 6020	489413
50218951033	7C-11031-SB-17 (1-2')	EPA 3050B	488708	EPA 6020	489413
50218951034	7C-11031-SB-17 (3-4')	EPA 3050B	488708	EPA 6020	489413
50218951035	7C-11031-SB-18 (1-2')	EPA 3050B	488709	EPA 6020	489414
50218951036	7C-11031-SB-18 (5-6')	EPA 3050B	488709	EPA 6020	489414
50218951037	7C-11031-SB-19 (4-5')	EPA 3050B	488709	EPA 6020	489414
50218951038	7C-11031-SB-19 (5-6')	EPA 3050B	488709	EPA 6020	489414
50218951039	7C-11031-SB-20 (2-3')	EPA 3050B	488709	EPA 6020	489414
50218951040	7C-11031-SB-20 (6-7')	EPA 3050B	488709	EPA 6020	489414
50218951041	7C-11031-SB-21 (1-2')	EPA 3050B	488709	EPA 6020	489414
50218951042	7C-11031-SB-21 (3-4')	EPA 3050B	488709	EPA 6020	489414
50218951043	7C-11031-SB-22 (2-3')	EPA 3050B	488709	EPA 6020	489414
50218951044	7C-11031-SB-22 (8-9')	EPA 3050B	488709	EPA 6020	489414
50218951045	7C-11031-SB-23 (1-2')	EPA 3050B	488709	EPA 6020	489414
50218951046	7C-11031-SB-23 (14-15')	EPA 3050B	488709	EPA 6020	489414
50218951047	7C-11031-SB-24 (0-1')	EPA 3050B	488709	EPA 6020	489414
50218951048	7C-11031-SB-24 (4-5')	EPA 3050B	488709	EPA 6020	489414

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951049	7C-11031-SB-25 (0-1')	EPA 3050B	488709	EPA 6020	489414
50218951050	7C-11031-SB-25 (2-3')	EPA 3050B	488709	EPA 6020	489414
50218951051	7C-11031-SB-26 (9-10')	EPA 3050B	488709	EPA 6020	489414
50218951052	7C-11031-SB-27 (3-4')	EPA 3050B	488709	EPA 6020	489414
50218951053	7C-11031-SB-27 (6-7')	EPA 3050B	488709	EPA 6020	489414
50218951054	7C-11031-SB-28 (2-3')	EPA 3050B	488709	EPA 6020	489414
50218951055	7C-11031-SB-29 (1-2')	EPA 3050B	488710	EPA 6020	489519
50218951056	7C-11031-SB-29 (4-5')	EPA 3050B	488710	EPA 6020	489519
50218951057	7C-11031-SB-30 (1-2')	EPA 3050B	488710	EPA 6020	489519
50218951058	7C-11031-SB-30 (4-5')	EPA 3050B	488710	EPA 6020	489519
50218951059	7C-11031-SB-31 (3-4')	EPA 3050B	488710	EPA 6020	489519
50218951060	7C-11031-SB-31 (6-7')	EPA 3050B	488710	EPA 6020	489519
50218951061	7C-11031-SB-32 (2-3')	EPA 3050B	488710	EPA 6020	489519
50218951062	7C-11031-SB-33 (4-5')	EPA 3050B	488710	EPA 6020	489519
50218951063	7C-11031-SB-33 (5-6')	EPA 3050B	488710	EPA 6020	489519
50218951064	7C-11031-SB-34 (2-3')	EPA 3050B	488710	EPA 6020	489519
50218951065	7C-11031-SB-34 (4-5')	EPA 3050B	488710	EPA 6020	489519
50218951066	7C-11031-SB-35 (1-2')	EPA 3050B	488710	EPA 6020	489519
50218951067	7C-11031-SB-35 (4-5')	EPA 3050B	488710	EPA 6020	489519
50218951068	7C-11031-SB-36 (2-3')	EPA 3050B	488710	EPA 6020	489519
50218951069	7C-11031-SB-36 (5-6')	EPA 3050B	488710	EPA 6020	489519
50218951001	7C-11081-SB-01 (2-3')	EPA 7471	488986	EPA 7471	489175
50218951002	7C-11081-SB-01 (9-10')	EPA 7471	488986	EPA 7471	489175
50218951003	7C-11081-SB-02 (3-4')	EPA 7471	488986	EPA 7471	489175
50218951004	7C-11081-SB-02 (6-7')	EPA 7471	488986	EPA 7471	489175
50218951005	7C-11081-SB-03 (3-4')	EPA 7471	488986	EPA 7471	489175
50218951006	7C-11081-SB-03 (5-6')	EPA 7471	488986	EPA 7471	489175
50218951007	7C-11081-SB-04 (4-5')	EPA 7471	488986	EPA 7471	489175
50218951008	7C-11081-SB-04 (6-7')	EPA 7471	488986	EPA 7471	489175
50218951009	7C-11081-SB-05 (1-2')	EPA 7471	488986	EPA 7471	489175
50218951010	7C-11081-SB-05 (3-4')	EPA 7471	488986	EPA 7471	489175
50218951011	7C-11081-SB-06 (1-2')	EPA 7471	488986	EPA 7471	489175
50218951012	7C-11081-SB-06 (9-10')	EPA 7471	488986	EPA 7471	489175
50218951013	7C-11081-SB-07 (2-3')	EPA 7471	488986	EPA 7471	489175
50218951014	7C-11081-SB-07 (5-6')	EPA 7471	488986	EPA 7471	489175
50218951015	7C-11081-SB-08 (4-5')	EPA 7471	488987	EPA 7471	489176
50218951016	7C-11081-SB-08 (6-7')	EPA 7471	488987	EPA 7471	489176
50218951017	7C-11031-SB-09 (3-4')	EPA 7471	488987	EPA 7471	489176
50218951018	7C-11031-SB-09 (7-8')	EPA 7471	488987	EPA 7471	489176
50218951019	7C-11031-SB-10 (2-3')	EPA 7471	488987	EPA 7471	489176
50218951020	7C-11031-SB-10 (4-5')	EPA 7471	488987	EPA 7471	489176
50218951021	7C-11031-SB-11 (3-4')	EPA 7471	488987	EPA 7471	489176
50218951022	7C-11031-SB-11 (7-8')	EPA 7471	488987	EPA 7471	489176
50218951023	7C-11031-SB-12 (1-2')	EPA 7471	488987	EPA 7471	489176
50218951024	7C-11031-SB-12 (5-6')	EPA 7471	488987	EPA 7471	489176
50218951025	7C-11031-SB-13 (1-2')	EPA 7471	488987	EPA 7471	489176
50218951026	7C-11031-SB-13 (3-4')	EPA 7471	488987	EPA 7471	489176

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951027	7C-11031-SB-14 (1-2')	EPA 7471	488987	EPA 7471	489176
50218951028	7C-11031-SB-14 (3-4')	EPA 7471	488987	EPA 7471	489176
50218951029	7C-11031-SB-15 (2-3')	EPA 7471	488987	EPA 7471	489176
50218951030	7C-11031-SB-15 (6-7')	EPA 7471	488987	EPA 7471	489176
50218951031	7C-11031-SB-16 (4-5')	EPA 7471	488987	EPA 7471	489176
50218951032	7C-11031-SB-16 (5-6')	EPA 7471	488987	EPA 7471	489176
50218951033	7C-11031-SB-17 (1-2')	EPA 7471	488987	EPA 7471	489176
50218951034	7C-11031-SB-17 (3-4')	EPA 7471	488987	EPA 7471	489176
50218951035	7C-11031-SB-18 (1-2')	EPA 7471	489153	EPA 7471	490100
50218951036	7C-11031-SB-18 (5-6')	EPA 7471	489153	EPA 7471	490100
50218951037	7C-11031-SB-19 (4-5')	EPA 7471	489153	EPA 7471	490100
50218951038	7C-11031-SB-19 (5-6')	EPA 7471	489153	EPA 7471	490100
50218951039	7C-11031-SB-20 (2-3')	EPA 7471	489153	EPA 7471	490100
50218951040	7C-11031-SB-20 (6-7')	EPA 7471	489153	EPA 7471	490100
50218951041	7C-11031-SB-21 (1-2')	EPA 7471	489153	EPA 7471	490100
50218951042	7C-11031-SB-21 (3-4')	EPA 7471	489153	EPA 7471	490100
50218951043	7C-11031-SB-22 (2-3')	EPA 7471	489153	EPA 7471	490100
50218951044	7C-11031-SB-22 (8-9')	EPA 7471	489153	EPA 7471	490100
50218951045	7C-11031-SB-23 (1-2')	EPA 7471	489153	EPA 7471	490100
50218951046	7C-11031-SB-23 (14-15')	EPA 7471	489153	EPA 7471	490100
50218951047	7C-11031-SB-24 (0-1')	EPA 7471	489153	EPA 7471	490100
50218951048	7C-11031-SB-24 (4-5')	EPA 7471	489153	EPA 7471	490100
50218951049	7C-11031-SB-25 (0-1')	EPA 7471	489153	EPA 7471	490100
50218951050	7C-11031-SB-25 (2-3')	EPA 7471	489153	EPA 7471	490100
50218951051	7C-11031-SB-26 (9-10')	EPA 7471	489153	EPA 7471	490100
50218951052	7C-11031-SB-27 (3-4')	EPA 7471	489153	EPA 7471	490100
50218951053	7C-11031-SB-27 (6-7')	EPA 7471	489153	EPA 7471	490100
50218951054	7C-11031-SB-28 (2-3')	EPA 7471	489153	EPA 7471	490100
50218951055	7C-11031-SB-29 (1-2')	EPA 7471	489154	EPA 7471	489758
50218951056	7C-11031-SB-29 (4-5')	EPA 7471	489154	EPA 7471	489758
50218951057	7C-11031-SB-30 (1-2')	EPA 7471	489154	EPA 7471	489758
50218951058	7C-11031-SB-30 (4-5')	EPA 7471	489154	EPA 7471	489758
50218951059	7C-11031-SB-31 (3-4')	EPA 7471	489154	EPA 7471	489758
50218951060	7C-11031-SB-31 (6-7')	EPA 7471	489154	EPA 7471	489758
50218951061	7C-11031-SB-32 (2-3')	EPA 7471	489154	EPA 7471	489758
50218951062	7C-11031-SB-33 (4-5')	EPA 7471	489154	EPA 7471	489758
50218951063	7C-11031-SB-33 (5-6')	EPA 7471	489154	EPA 7471	489758
50218951064	7C-11031-SB-34 (2-3')	EPA 7471	489154	EPA 7471	489758
50218951065	7C-11031-SB-34 (4-5')	EPA 7471	489154	EPA 7471	489758
50218951066	7C-11031-SB-35 (1-2')	EPA 7471	489154	EPA 7471	489758
50218951067	7C-11031-SB-35 (4-5')	EPA 7471	489154	EPA 7471	489758
50218951068	7C-11031-SB-36 (2-3')	EPA 7471	489154	EPA 7471	489758
50218951069	7C-11031-SB-36 (5-6')	EPA 7471	489154	EPA 7471	489758
50218951001	7C-11081-SB-01 (2-3')	EPA 3546	489011	EPA 8270	489186
50218951002	7C-11081-SB-01 (9-10')	EPA 3546	489011	EPA 8270	489186
50218951003	7C-11081-SB-02 (3-4')	EPA 3546	489011	EPA 8270	489186
50218951004	7C-11081-SB-02 (6-7')	EPA 3546	489011	EPA 8270	489186

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951005	7C-11081-SB-03 (3-4')	EPA 3546	489011	EPA 8270	489186
50218951006	7C-11081-SB-03 (5-6')	EPA 3546	489037	EPA 8270	489188
50218951007	7C-11081-SB-04 (4-5')	EPA 3546	489037	EPA 8270	489188
50218951008	7C-11081-SB-04 (6-7')	EPA 3546	489037	EPA 8270	489188
50218951009	7C-11081-SB-05 (1-2')	EPA 3546	489037	EPA 8270	489188
50218951010	7C-11081-SB-05 (3-4')	EPA 3546	489037	EPA 8270	489188
50218951011	7C-11081-SB-06 (1-2')	EPA 3546	489037	EPA 8270	489188
50218951012	7C-11081-SB-06 (9-10')	EPA 3546	489037	EPA 8270	489188
50218951013	7C-11081-SB-07 (2-3')	EPA 3546	489037	EPA 8270	489188
50218951014	7C-11081-SB-07 (5-6')	EPA 3546	489037	EPA 8270	489188
50218951015	7C-11081-SB-08 (4-5')	EPA 3546	489037	EPA 8270	489188
50218951016	7C-11081-SB-08 (6-7')	EPA 3546	489037	EPA 8270	489188
50218951017	7C-11031-SB-09 (3-4')	EPA 3546	489037	EPA 8270	489188
50218951018	7C-11031-SB-09 (7-8')	EPA 3546	489037	EPA 8270	489188
50218951019	7C-11031-SB-10 (2-3')	EPA 3546	489037	EPA 8270	489188
50218951020	7C-11031-SB-10 (4-5')	EPA 3546	489037	EPA 8270	489188
50218951021	7C-11031-SB-11 (3-4')	EPA 3546	489037	EPA 8270	489188
50218951022	7C-11031-SB-11 (7-8')	EPA 3546	489037	EPA 8270	489188
50218951023	7C-11031-SB-12 (1-2')	EPA 3546	489037	EPA 8270	489188
50218951024	7C-11031-SB-12 (5-6')	EPA 3546	489037	EPA 8270	489188
50218951025	7C-11031-SB-13 (1-2')	EPA 3546	489037	EPA 8270	489188
50218951026	7C-11031-SB-13 (3-4')	EPA 3546	489294	EPA 8270	489449
50218951027	7C-11031-SB-14 (1-2')	EPA 3546	489294	EPA 8270	489449
50218951028	7C-11031-SB-14 (3-4')	EPA 3546	489294	EPA 8270	489449
50218951029	7C-11031-SB-15 (2-3')	EPA 3546	489294	EPA 8270	489449
50218951030	7C-11031-SB-15 (6-7')	EPA 3546	489294	EPA 8270	489449
50218951031	7C-11031-SB-16 (4-5')	EPA 3546	489294	EPA 8270	489449
50218951032	7C-11031-SB-16 (5-6')	EPA 3546	489294	EPA 8270	489449
50218951033	7C-11031-SB-17 (1-2')	EPA 3546	489294	EPA 8270	489449
50218951034	7C-11031-SB-17 (3-4')	EPA 3546	489294	EPA 8270	489449
50218951035	7C-11031-SB-18 (1-2')	EPA 3546	489294	EPA 8270	489449
50218951036	7C-11031-SB-18 (5-6')	EPA 3546	489294	EPA 8270	489449
50218951037	7C-11031-SB-19 (4-5')	EPA 3546	489294	EPA 8270	489449
50218951038	7C-11031-SB-19 (5-6')	EPA 3546	489294	EPA 8270	489449
50218951039	7C-11031-SB-20 (2-3')	EPA 3546	489294	EPA 8270	489449
50218951040	7C-11031-SB-20 (6-7')	EPA 3546	489294	EPA 8270	489449
50218951041	7C-11031-SB-21 (1-2')	EPA 3546	489294	EPA 8270	489449
50218951042	7C-11031-SB-21 (3-4')	EPA 3546	489294	EPA 8270	489449
50218951043	7C-11031-SB-22 (2-3')	EPA 3546	490209	EPA 8270	490399
50218951044	7C-11031-SB-22 (8-9')	EPA 3546	489294	EPA 8270	489449
50218951045	7C-11031-SB-23 (1-2')	EPA 3546	489746	EPA 8270	490168
50218951046	7C-11031-SB-23 (14-15')	EPA 3546	489746	EPA 8270	490168
50218951047	7C-11031-SB-24 (0-1')	EPA 3546	489746	EPA 8270	490168
50218951048	7C-11031-SB-24 (4-5')	EPA 3546	489746	EPA 8270	490168
50218951049	7C-11031-SB-25 (0-1')	EPA 3546	489746	EPA 8270	490168
50218951050	7C-11031-SB-25 (2-3')	EPA 3546	489746	EPA 8270	490168

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951051	7C-11031-SB-26 (9-10')	EPA 3546	489746	EPA 8270	490168
50218951052	7C-11031-SB-27 (3-4')	EPA 3546	489746	EPA 8270	490168
50218951053	7C-11031-SB-27 (6-7')	EPA 3546	489746	EPA 8270	490168
50218951054	7C-11031-SB-28 (2-3')	EPA 3546	489746	EPA 8270	490168
50218951055	7C-11031-SB-29 (1-2')	EPA 3546	489746	EPA 8270	490168
50218951056	7C-11031-SB-29 (4-5')	EPA 3546	489746	EPA 8270	490168
50218951057	7C-11031-SB-30 (1-2')	EPA 3546	489746	EPA 8270	490168
50218951058	7C-11031-SB-30 (4-5')	EPA 3546	489746	EPA 8270	490168
50218951059	7C-11031-SB-31 (3-4')	EPA 3546	489746	EPA 8270	490168
50218951060	7C-11031-SB-31 (6-7')	EPA 3546	489746	EPA 8270	490168
50218951061	7C-11031-SB-32 (2-3')	EPA 3546	489746	EPA 8270	490168
50218951062	7C-11031-SB-33 (4-5')	EPA 3546	489746	EPA 8270	490168
50218951063	7C-11031-SB-33 (5-6')	EPA 3546	489746	EPA 8270	490168
50218951064	7C-11031-SB-34 (2-3')	EPA 3546	489746	EPA 8270	490168
50218951065	7C-11031-SB-34 (4-5')	EPA 3546	489943	EPA 8270	490046
50218951066	7C-11031-SB-35 (1-2')	EPA 3546	489943	EPA 8270	490046
50218951067	7C-11031-SB-35 (4-5')	EPA 3546	489943	EPA 8270	490046
50218951068	7C-11031-SB-36 (2-3')	EPA 3546	489943	EPA 8270	490046
50218951069	7C-11031-SB-36 (5-6')	EPA 3546	489943	EPA 8270	490046
50218951001	7C-11081-SB-01 (2-3')	EPA 8260	490818		
50218951002	7C-11081-SB-01 (9-10')	EPA 8260	490818		
50218951003	7C-11081-SB-02 (3-4')	EPA 8260	490818		
50218951004	7C-11081-SB-02 (6-7')	EPA 8260	490818		
50218951005	7C-11081-SB-03 (3-4')	EPA 8260	490818		
50218951006	7C-11081-SB-03 (5-6')	EPA 8260	490818		
50218951007	7C-11081-SB-04 (4-5')	EPA 8260	490818		
50218951008	7C-11081-SB-04 (6-7')	EPA 8260	490818		
50218951009	7C-11081-SB-05 (1-2')	EPA 8260	490818		
50218951010	7C-11081-SB-05 (3-4')	EPA 8260	490818		
50218951011	7C-11081-SB-06 (1-2')	EPA 8260	490818		
50218951012	7C-11081-SB-06 (9-10')	EPA 8260	490818		
50218951013	7C-11081-SB-07 (2-3')	EPA 8260	490818		
50218951014	7C-11081-SB-07 (5-6')	EPA 8260	490818		
50218951015	7C-11081-SB-08 (4-5')	EPA 8260	490818		
50218951016	7C-11081-SB-08 (6-7')	EPA 8260	490818		
50218951017	7C-11031-SB-09 (3-4')	EPA 8260	490819		
50218951018	7C-11031-SB-09 (7-8')	EPA 8260	490819		
50218951019	7C-11031-SB-10 (2-3')	EPA 8260	490819		
50218951020	7C-11031-SB-10 (4-5')	EPA 8260	490819		
50218951021	7C-11031-SB-11 (3-4')	EPA 8260	490819		
50218951022	7C-11031-SB-11 (7-8')	EPA 8260	490819		
50218951023	7C-11031-SB-12 (1-2')	EPA 8260	490819		
50218951024	7C-11031-SB-12 (5-6')	EPA 8260	490819		
50218951025	7C-11031-SB-13 (1-2')	EPA 8260	490819		
50218951026	7C-11031-SB-13 (3-4')	EPA 8260	490819		
50218951027	7C-11031-SB-14 (1-2')	EPA 8260	490819		
50218951028	7C-11031-SB-14 (3-4')	EPA 8260	490819		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951029	7C-11031-SB-15 (2-3')	EPA 8260	490819		
50218951030	7C-11031-SB-15 (6-7')	EPA 8260	490819		
50218951031	7C-11031-SB-16 (4-5')	EPA 8260	490819		
50218951032	7C-11031-SB-16 (5-6')	EPA 8260	490819		
50218951033	7C-11031-SB-17 (1-2')	EPA 8260	490082		
50218951034	7C-11031-SB-17 (3-4')	EPA 8260	490082		
50218951035	7C-11031-SB-18 (1-2')	EPA 8260	490082		
50218951036	7C-11031-SB-18 (5-6')	EPA 8260	490082		
50218951037	7C-11031-SB-19 (4-5')	EPA 8260	490082		
50218951038	7C-11031-SB-19 (5-6')	EPA 8260	490082		
50218951039	7C-11031-SB-20 (2-3')	EPA 8260	490082		
50218951040	7C-11031-SB-20 (6-7')	EPA 8260	490082		
50218951041	7C-11031-SB-21 (1-2')	EPA 8260	490082		
50218951042	7C-11031-SB-21 (3-4')	EPA 8260	490082		
50218951043	7C-11031-SB-22 (2-3')	EPA 8260	490082		
50218951044	7C-11031-SB-22 (8-9')	EPA 8260	490082		
50218951045	7C-11031-SB-23 (1-2')	EPA 8260	490082		
50218951046	7C-11031-SB-23 (14-15')	EPA 8260	490082		
50218951047	7C-11031-SB-24 (0-1')	EPA 8260	490082		
50218951048	7C-11031-SB-24 (4-5')	EPA 8260	490082		
50218951049	7C-11031-SB-25 (0-1')	EPA 8260	490082		
50218951050	7C-11031-SB-25 (2-3')	EPA 8260	490082		
50218951051	7C-11031-SB-26 (9-10')	EPA 8260	490081		
50218951052	7C-11031-SB-27 (3-4')	EPA 8260	490081		
50218951053	7C-11031-SB-27 (6-7')	EPA 8260	490081		
50218951054	7C-11031-SB-28 (2-3')	EPA 8260	490081		
50218951055	7C-11031-SB-29 (1-2')	EPA 8260	490081		
50218951056	7C-11031-SB-29 (4-5')	EPA 8260	490081		
50218951057	7C-11031-SB-30 (1-2')	EPA 8260	490081		
50218951058	7C-11031-SB-30 (4-5')	EPA 8260	490081		
50218951059	7C-11031-SB-31 (3-4')	EPA 8260	490081		
50218951060	7C-11031-SB-31 (6-7')	EPA 8260	490081		
50218951061	7C-11031-SB-32 (2-3')	EPA 8260	490081		
50218951062	7C-11031-SB-33 (4-5')	EPA 8260	490081		
50218951063	7C-11031-SB-33 (5-6')	EPA 8260	490081		
50218951064	7C-11031-SB-34 (2-3')	EPA 8260	490081		
50218951065	7C-11031-SB-34 (4-5')	EPA 8260	490081		
50218951066	7C-11031-SB-35 (1-2')	EPA 8260	490081		
50218951067	7C-11031-SB-35 (4-5')	EPA 8260	490081		
50218951068	7C-11031-SB-36 (2-3')	EPA 8260	490081		
50218951069	7C-11031-SB-36 (5-6')	EPA 8260	490082		
50218951001	7C-11081-SB-01 (2-3')	SM 2540G	489485		
50218951002	7C-11081-SB-01 (9-10')	SM 2540G	489485		
50218951003	7C-11081-SB-02 (3-4')	SM 2540G	489485		
50218951004	7C-11081-SB-02 (6-7')	SM 2540G	489485		
50218951005	7C-11081-SB-03 (3-4')	SM 2540G	489485		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951006	7C-11081-SB-03 (5-6')	SM 2540G	489486		
50218951007	7C-11081-SB-04 (4-5')	SM 2540G	489486		
50218951008	7C-11081-SB-04 (6-7')	SM 2540G	489486		
50218951009	7C-11081-SB-05 (1-2')	SM 2540G	489486		
50218951010	7C-11081-SB-05 (3-4')	SM 2540G	489486		
50218951011	7C-11081-SB-06 (1-2')	SM 2540G	489486		
50218951012	7C-11081-SB-06 (9-10')	SM 2540G	489486		
50218951013	7C-11081-SB-07 (2-3')	SM 2540G	489486		
50218951014	7C-11081-SB-07 (5-6')	SM 2540G	489486		
50218951015	7C-11081-SB-08 (4-5')	SM 2540G	489486		
50218951016	7C-11081-SB-08 (6-7')	SM 2540G	489486		
50218951017	7C-11031-SB-09 (3-4')	SM 2540G	489486		
50218951018	7C-11031-SB-09 (7-8')	SM 2540G	489486		
50218951019	7C-11031-SB-10 (2-3')	SM 2540G	489486		
50218951020	7C-11031-SB-10 (4-5')	SM 2540G	489486		
50218951021	7C-11031-SB-11 (3-4')	SM 2540G	489486		
50218951022	7C-11031-SB-11 (7-8')	SM 2540G	489486		
50218951023	7C-11031-SB-12 (1-2')	SM 2540G	489486		
50218951024	7C-11031-SB-12 (5-6')	SM 2540G	489486		
50218951025	7C-11031-SB-13 (1-2')	SM 2540G	489486		
50218951026	7C-11031-SB-13 (3-4')	SM 2540G	489736		
50218951027	7C-11031-SB-14 (1-2')	SM 2540G	489736		
50218951028	7C-11031-SB-14 (3-4')	SM 2540G	489736		
50218951029	7C-11031-SB-15 (2-3')	SM 2540G	489736		
50218951030	7C-11031-SB-15 (6-7')	SM 2540G	489736		
50218951031	7C-11031-SB-16 (4-5')	SM 2540G	489736		
50218951032	7C-11031-SB-16 (5-6')	SM 2540G	489736		
50218951033	7C-11031-SB-17 (1-2')	SM 2540G	489736		
50218951034	7C-11031-SB-17 (3-4')	SM 2540G	489736		
50218951035	7C-11031-SB-18 (1-2')	SM 2540G	489736		
50218951036	7C-11031-SB-18 (5-6')	SM 2540G	489736		
50218951037	7C-11031-SB-19 (4-5')	SM 2540G	489736		
50218951038	7C-11031-SB-19 (5-6')	SM 2540G	489736		
50218951039	7C-11031-SB-20 (2-3')	SM 2540G	489736		
50218951040	7C-11031-SB-20 (6-7')	SM 2540G	489736		
50218951041	7C-11031-SB-21 (1-2')	SM 2540G	489736		
50218951042	7C-11031-SB-21 (3-4')	SM 2540G	489736		
50218951043	7C-11031-SB-22 (2-3')	SM 2540G	489736		
50218951044	7C-11031-SB-22 (8-9')	SM 2540G	489736		
50218951045	7C-11031-SB-23 (1-2')	SM 2540G	489738		
50218951046	7C-11031-SB-23 (14-15')	SM 2540G	489738		
50218951047	7C-11031-SB-24 (0-1')	SM 2540G	489738		
50218951048	7C-11031-SB-24 (4-5')	SM 2540G	489738		
50218951049	7C-11031-SB-25 (0-1')	SM 2540G	489738		
50218951050	7C-11031-SB-25 (2-3')	SM 2540G	489738		
50218951051	7C-11031-SB-26 (9-10')	SM 2540G	489738		
50218951052	7C-11031-SB-27 (3-4')	SM 2540G	489738		
50218951053	7C-11031-SB-27 (6-7')	SM 2540G	489738		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50218951

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50218951054	7C-11031-SB-28 (2-3')	SM 2540G	489738		
50218951055	7C-11031-SB-29 (1-2')	SM 2540G	489738		
50218951056	7C-11031-SB-29 (4-5')	SM 2540G	489738		
50218951057	7C-11031-SB-30 (1-2')	SM 2540G	489738		
50218951058	7C-11031-SB-30 (4-5')	SM 2540G	489738		
50218951059	7C-11031-SB-31 (3-4')	SM 2540G	489738		
50218951060	7C-11031-SB-31 (6-7')	SM 2540G	489738		
50218951061	7C-11031-SB-32 (2-3')	SM 2540G	489739		
50218951062	7C-11031-SB-33 (4-5')	SM 2540G	489739		
50218951063	7C-11031-SB-33 (5-6')	SM 2540G	489739		
50218951064	7C-11031-SB-34 (2-3')	SM 2540G	489739		
50218951065	7C-11031-SB-34 (4-5')	SM 2540G	489739		
50218951066	7C-11031-SB-35 (1-2')	SM 2540G	489739		
50218951067	7C-11031-SB-35 (4-5')	SM 2540G	489739		
50218951068	7C-11031-SB-36 (2-3')	SM 2540G	489739		
50218951069	7C-11031-SB-36 (5-6')	SM 2540G	489739		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

WO#: 50218951



Pace Analytic

50218951

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information

Company: DLZ Michigan	Report To: Daniel McNeely
Address: 1425 Keystone Avenue Lansing, MI 48911	Copy To:
Email: dmneely@dlz.com	Purchase Order #:
Phone: (517) 258-2126	Project Name: Peregrine Falcon Redevelopment
Requested Due Date:	Project #:

Section C

Invoice Information:

Attention:	Company Name:
Address:	Regulatory Agency:
Pace Quote:	State / Location:
Pace Project Manager: brian.hall@pace-labs.com	MI
Pace Profile #: 8007	

Page: 1 of 7

ITEM #	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	PRESERVATIVES										Analyses Test	Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			START	END			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	VOCs	PAH by 8270 SVOCs	Metals Cd, Cr, Pb			PCBs by 8082	TCDF-Metals, PCB	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N		Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
		3-8-19	1215			3/8/19	1215		
		3-8-19	1105			3/8/19	1205		

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on	Custody	Sealed	Cooler	Samples
PRINT Name of SAMPLER:							
SIGNATURE of SAMPLER:							
DATE Signed: 3-8-19							

PM: BJH Due Date: 03/22/19
CLIENT: GR-DLZ MI

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Section C

Invoice Information:

Request to Orient Information		Report To: Daniel McNeely	Attention:
Company: DLZ Michigan		Copy To:	Company Name:
Address: 1425 Keystone Avenue			Address:
Lansing, MI 48911		Purchase Order #:	
Email: dmcneely@dlz.com		Project Name: Peregrine Falcon Redevelopment	Pace Quote:
Phone: (517)256-2126	Fax:		Pace Project Manager: brian.hall@pacelabs.com
Requested Due Date:		Project #:	Pace Profile #: 8007
			MI
			State / Location
			Regulatory Agency

Page: 2 of 7

[illegible]

SAMPLER NAME AND SIGNATURE	TEMP IN C	Received on (Y/N)	Custody (Y/N)	Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
<i>[Signature]</i>	3-8-19					
PRINT Name of SAMPLER:						
SIGNATURE of SAMPLER:	<i>Dan McNeely</i>					
	DATE Signed: 3-8-19					

PM: BJH Due Date: 03/22/19
CLIENT: GR-DLZ MI

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 7

Section A						Section C	
Required Client Inform							
Company:	DLZ Michigan						
Address:	1425 Keystone Avenue						
Lansing, MI	48911						
Email:	dmcneely@dlz.com						
Phone:	(517)256-2126						
Fax:							
Project Name:	Peregrine Falcon Redevelopment						
Project #:							
Purchase Order #:							
Report To:	Daniel McNeely						
Copy To:							
Company Name:							
Address:							
Peace Quote:							
Peace Project Manager:	brian.hall@pacelabs.com,						
Peace Profile #:	8007						
Requested Due Date:	MI						
						Regulatory Agency	
						State / Location	
						MI	

[illegible]

12	7	ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
					3/8/19	1215	Donna Marie		3/8/19	1215				
					3-8-19	1405	D. D. CARDIN		3/8/19	1603				
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: SIGNATURE of SAMPLER:  DATE Signed: 3/8/19														

W0#: 50218951

PM: BJH Due Date: 03/22/19
CLIENT: GR-DLZ MI

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 5 of 7

Section A

Required Client Info:		Section C	
Company:	DLZ Michigan	Invoice Information:	
Address:	1425 Keystone Avenue	Report To:	Daniel McNeely
Lansing, MI 48911		Copy To:	
Email:	dmoneely@dlz.com	Purchase Order #:	
Phone:	(517)256-2126	Project Name:	Paragrine Falcon Redevelopment
Requested Due Date:		Project #:	

Regulatory Agency:	
State / Location:	MI

ITEM #	MATRIX	CODE	COLLECTED				SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	PRESERVATIVES										Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			START	END	DATE	TIME				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	VOCs	PAH by 8270 SWKs		Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
			DLZ		3/21/19		12:35		Dmoneely/Dmoneely		3/21/19		12:15	
			DLZ		3/21/19		12:35		Dmoneely/Dmoneely		3/21/19		12:15	

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on	Ice (Y/N)	Custody (Y/N)	Sealed (Y/N)	Cooler (Y/N)	Samples (Y/N)							
PRINT Name of SAMPLER:															
SIGNATURE of SAMPLER:															
		DATE Signed: 3/21/19													

PM: BJH
CLIENT:

Due Date: 03/22/19
MI

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Section C

Invoice Information:

Company:	DLZ Michigan	Report To:	Daniel McNeely	Attention:	
Address:	1425 Keystone Avenue	Copy To:		Company Name:	
	Lansing, MI 48911			Address:	
Email:	dmcneely@dlz.com	Purchase Order #:		Pace Quote:	
Phone:	(517) 256-2126	Project Name:	Peregrine Falcon Redevelopment	Pace Project Manager:	brian.hall@pacelabs.com,
Fax:		Project #:		Pace Profile #:	8007
Requested Due Date:					MI
					Regulatory Agency

Page: 6 Of

ITEM #	MATRIX	CODE	COLLECTED										PRESERVATIVES										Requested Analysis Filtered (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			START					END					SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Analyses Test										Y/N																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			Drinking Water	Waste Water	Product	Soil/Solid	Oil	Wipe	Air	Other	Tissue	H2SO4					HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
One Character per box. (A-Z, 0-9 / , -)	Sample IDs must be unique																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on	(N/A)	Custody:	Sealed	Cooler	Samples	Intact	(Y/N)
		3/8/19	12:15	Dr. J. R. Smith	3/8/19	12:15									
		3/8/19	10:05	Dr. J. R. Smith	3/8/19	10:05									

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: 

SIGNATURE of SAMPLER: 

DATE Signed: 3/8/19

Page 357 of 360

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page 358 of 360



Sample Conditions Upon Receipt F

Date: <u>3-8-19</u>	Evaluated by: <u>SN</u>	Affix V Work	50218951
Client: <u>SLZ - PERJURINE</u>			
Profile ID: <u>8007</u>	Project Manager: <u>BH</u>		
Sample Receiving Non Conformance Form Required: YES ☒ NO ☐		Rush Turn Around Time Requested: YES ☐ NO ☒ Due Date:	
Page <u>1</u>	Of <u>1</u>	Lab Notified of Rush or Short Holds: YES ☐ NO ☐	

Lab Sample Receipt Checklist:

Samples Received Via:	FEDEX	UPS	CLIENT	☒ PACE COURIER
Custody Seals Present and Intact:	YES	NO	☒ NA	
USDA Regulated Soils:	YES	NO	☒ NA	
Short Holds Present (< 72 Hours):	YES	☒ NO	NA	
Samples Received in Hold:	☒ YES	NO	NA	
Custody Signatures Present:	☒ YES	NO	NA	
Collector Signature Present:	☒ YES	NO	NA	
Samples Received On Ice:	☒ YES	NO	NA	
Type of Ice: ☒ WET ☐ BLUE ☐ DRY ☐ NONE				
Packing Material Used:	☒ YES	NO	NA	
IR Gun #: 202 ☒ 402 Temp should be 0-6°C # <u>1</u> Cooler Temp Upon Receipt: <u>2.1</u> °C				
Temp Blank Received:	YES	☒ NO	NA	
Trip Blank Received: Type: HCL MeOH TSP OTHER	YES	☒ NO	NA	
Bottles Intact:	☒ YES	NO	NA	
Correct Bottles:	☒ YES	NO	NA	
Sufficient Volume:	☒ YES	NO	NA	
Sample pH Acceptable: All containers needing preservation are found to be in compliance with EPA recommendation Exceptions are VOA, coliform, TOC, O & G, HEM, DRO	YES	NO	☒ NA	pH Strip Lot Number:
VOA Headspace Acceptable (<6mm):	YES	NO	☒ NA	
Comments: <u>#2 COOLER WET ICE TEMP = 2.7°C</u> <u>#3 COOLER WET ICE TEMP = 2.8°C</u> <u>#4 COOLER WET ICE TEMP = 1.7°C</u>				

Sample Receiving Non-Conformance Form (NCF)

Date: 3-8-19	Evaluated by: JN
Client: JH2-PERGRINE	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

☐ Collection date/time missing or incorrect	☐ Analyses or analytes: missing or clarification needed	☒ Samples listed on COC do not match samples received (missing, additional, etc.)
☒ Sample IDs on COC do not match sample labels	☐ Required trip blanks were not received	☐ Required signatures are missing

Comments/Details/Other Issues not listed above:

pp. 3
1. 7C-11031-SB-13 (1-2') (COC)
" " " " (2-3') (SAMPLE)
pp. 6 (IS this a MS/MSD?)
3. 7C-11031-SB-27 (6-7')
(RECEIVED 2 JAR'S + 2 VIALS)

3. Sample integrity issues: check applicable issues below and add details where appropriate:

☐ Samples: Past holding time	☐ Samples: Condition needs to be brought to lab personnel's attention (details below)	☐ Preservation: Improper
☐ Samples: Not field filtered	☐ Containers: Broken or compromised	☐ Temperature: not within acceptance criteria (typically 0-6C)
☐ Samples: Insufficient volume received	☐ Containers: Incorrect	☐ Temperature: Samples arrived frozen
☐ Samples: Cooler damaged or compromised	☐ Custody Seals: Missing or compromised on samples, trip blanks or coolers	☐ Vials received with improper headspace
☐ Samples: contain chlorine or sulfides	☐ Packing Material: Insufficient/Improper	☐ Other:

Comments/Details:

pp. 7
5. 7C-11031-SB-35 (4-5') @ 11:15 (COC)
" " " " " " @ 11:10 (SAMPLE)

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:
PM Initials:	Date/Time:

Client Comments/Instructions:

pp. 2 & 3 LINES (5-12) + (1-2)
SAMPLES SAY 7C-11081-

March 27, 2019

Daniel McNeely
DLZ
1425 Keystone Avenue
Lansing, MI 48911

RE: Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

Dear Daniel McNeely:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Thomas Kaugher, DLZ Michigan



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268

Illinois Certification #: 200074

Indiana Certification #: C-49-06

Kansas/NELAP Certification #: E-10177

Kentucky UST Certification #: 80226

Kentucky WW Certification #: 98019

Michigan Department of Environmental Quality, Laboratory
#9050

Ohio VAP Certification #: CL0065

Oklahoma Certification #: 2018-101

Texas Certification #: T104704355

West Virginia Certification #: 330

Wisconsin Certification #: 999788130

USDA Soil Permit #: P330-16-00257

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50219184001	7C-11031-SB-37(1-2')	Solid	03/08/19 12:15	03/12/19 18:10
50219184002	7C-11031-SB-37(4-5')	Solid	03/08/19 12:20	03/12/19 18:10
50219184003	7C-11031-SB-38(1-2')	Solid	03/08/19 12:40	03/12/19 18:10
50219184004	7C-11031-SB-38(7-8')	Solid	03/08/19 12:45	03/12/19 18:10
50219184005	7C-11081-SB-39(3-4')	Solid	03/08/19 13:30	03/12/19 18:10
50219184006	7C-11081-SB-39(6-7')	Solid	03/08/19 13:35	03/12/19 18:10
50219184007	7C-11081-SB-40(5-6')	Solid	03/08/19 13:45	03/12/19 18:10
50219184008	7C-11081-SB-40(12-13')	Solid	03/08/19 13:50	03/12/19 18:10
50219184009	7C-11081-SB-41(1-2')	Solid	03/08/19 14:10	03/12/19 18:10
50219184010	7C-11081-SB-41(4-5')	Solid	03/08/19 14:20	03/12/19 18:10
50219184011	7C-11081-SB-42(3-4')	Solid	03/08/19 14:45	03/12/19 18:10
50219184012	7C-11081-SB-42(6-7')	Solid	03/08/19 14:50	03/12/19 18:10
50219184013	7C-11081-SB-43(1-2')	Solid	03/08/19 15:00	03/12/19 18:10
50219184014	7C-11081-SB-44(7-8')	Solid	03/08/19 15:20	03/12/19 18:10
50219184015	7C-11081-SB-44(9-10')	Solid	03/08/19 15:25	03/12/19 18:10
50219184016	7C-S.Stockpile 2(Composite)	Solid	03/05/19 09:50	03/12/19 18:10
50219184017	7C-S.Stockpile 4(Composite)	Solid	03/05/19 10:00	03/12/19 18:10

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50219184001	7C-11031-SB-37(1-2')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184002	7C-11031-SB-37(4-5')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184003	7C-11031-SB-38(1-2')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184004	7C-11031-SB-38(7-8')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184005	7C-11081-SB-39(3-4')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184006	7C-11081-SB-39(6-7')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184007	7C-11081-SB-40(5-6')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184008	7C-11081-SB-40(12-13')	EPA 6020	DMT	9
		EPA 7471	ILP	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50219184009	7C-11081-SB-41(1-2')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50219184010	7C-11081-SB-41(4-5')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
50219184011	7C-11081-SB-42(3-4')	SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
50219184012	7C-11081-SB-42(6-7')	EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
50219184013	7C-11081-SB-43(1-2')	EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
50219184014	7C-11081-SB-44(7-8')	EPA 8270	JCM	72
		EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
50219184015	7C-11081-SB-44(9-10')	EPA 8260	RSW	69
		SM 2540G	MLS	1
		EPA 6020	DMT	9
		EPA 7471	ILP	1
		EPA 8270	JCM	72
		EPA 8260	RSW	69

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50219184016	7C-S.Stockpile 2(Composite)	SM 2540G	MLS	1
		EPA 6010	JPk	9
		EPA 7470	ILP	1
		EPA 8270	JCM	18
		EPA 5030/8260	JLZ	13
50219184017	7C-S.Stockpile 4(Composite)	EPA 6010	JPk	9
		EPA 7470	ILP	1
		EPA 8270	JCM	18
		EPA 5030/8260	JLZ	13

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(1-2') **Lab ID:** 50219184001 **Collected:** 03/08/19 12:15 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3590	ug/kg	538	5	03/19/19 09:50	03/22/19 11:37	7440-38-2	
Barium	31300	ug/kg	538	5	03/19/19 09:50	03/22/19 11:37	7440-39-3	
Cadmium	610	ug/kg	53.8	1	03/19/19 09:50	03/22/19 13:46	7440-43-9	
Chromium	10200	ug/kg	1080	5	03/19/19 09:50	03/22/19 11:37	7440-47-3	
Copper	47200	ug/kg	269	5	03/19/19 09:50	03/22/19 11:37	7440-50-8	
Lead	25100	ug/kg	538	5	03/19/19 09:50	03/22/19 11:37	7439-92-1	N2
Selenium	<538	ug/kg	538	5	03/19/19 09:50	03/22/19 11:37	7782-49-2	D3
Silver	80.1	ug/kg	53.8	1	03/19/19 09:50	03/22/19 13:46	7440-22-4	
Zinc	61400	ug/kg	2690	5	03/19/19 09:50	03/22/19 11:37	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<235	ug/kg	235	1	03/20/19 23:30	03/21/19 09:15	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	83-32-9	
Acenaphthylene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	208-96-8	
Aniline	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	62-53-3	
Anthracene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	120-12-7	
Atrazine	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	1912-24-9	N2
Azobenzene	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	103-33-3	N2
Benidine	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	92-87-5	
Benzo(a)anthracene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	56-55-3	
Benzo(a)pyrene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	50-32-8	
Benzo(b)fluoranthene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	205-99-2	
Benzo(g,h,i)perylene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	191-24-2	
Benzo(k)fluoranthene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	207-08-9	
Benzoic acid	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	65-85-0	
Benzyl alcohol	<769	ug/kg	769	1	03/20/19 11:35	03/27/19 08:29	100-51-6	
4-Bromophenylphenyl ether	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	101-55-3	
Butylbenzylphthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	85-68-7	
Caprolactam	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	105-60-2	N2
Carbazole	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	86-74-8	
4-Chloro-3-methylphenol	<769	ug/kg	769	1	03/20/19 11:35	03/27/19 08:29	59-50-7	
bis(2-Chloroethoxy)methane	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	111-91-1	
bis(2-Chloroethyl) ether	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	111-44-4	
bis(2-Chloroisopropyl) ether	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	108-60-1	
2-Chloronaphthalene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	91-58-7	
2-Chlorophenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	95-57-8	
4-Chlorophenylphenyl ether	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	7005-72-3	
Chrysene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	218-01-9	
Dibenz(a,h)anthracene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	53-70-3	
Dibenzofuran	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	132-64-9	
3,3'-Dichlorobenzidine	<769	ug/kg	769	1	03/20/19 11:35	03/27/19 08:29	91-94-1	
2,4-Dichlorophenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	120-83-2	
Diethylphthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(1-2') Lab ID: 50219184001 Collected: 03/08/19 12:15 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	105-67-9	
Dimethylphthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	131-11-3	
Di-n-butylphthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	84-74-2	
4,6-Dinitro-2-methylphenol	<769	ug/kg	769	1	03/20/19 11:35	03/27/19 08:29	534-52-1	
2,4-Dinitrophenol	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	51-28-5	
2,4-Dinitrotoluene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	121-14-2	
2,6-Dinitrotoluene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	606-20-2	
Di-n-octylphthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	117-84-0	
bis(2-Ethylhexyl)phthalate	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	117-81-7	
Fluoranthene	658	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	206-44-0	
Fluorene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	86-73-7	
Hexachlorobenzene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	118-74-1	
Hexachlorocyclopentadiene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	77-47-4	
Hexachloroethane	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	67-72-1	
Indeno(1,2,3-cd)pyrene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	193-39-5	
Isophorone	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	78-59-1	
2-Methylnaphthalene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	91-57-6	
2-Methylphenol(o-Cresol)	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	<769	ug/kg	769	1	03/20/19 11:35	03/27/19 08:29		
2-Nitroaniline	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	88-74-4	
3-Nitroaniline	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	99-09-2	
4-Nitroaniline	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	100-01-6	
Nitrobenzene	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	98-95-3	
2-Nitrophenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	88-75-5	
4-Nitrophenol	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	100-02-7	
N-Nitrosodimethylamine	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	62-75-9	
N-Nitroso-di-n-propylamine	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	621-64-7	
N-Nitrosodiphenylamine	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	86-30-6	
Pentachlorophenol	<1860	ug/kg	1860	1	03/20/19 11:35	03/27/19 08:29	87-86-5	
Phenanthrene	404	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	85-01-8	
Phenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	108-95-2	
Pyrene	708	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	129-00-0	
Pyridine	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	110-86-1	
2,4,5-Trichlorophenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	95-95-4	
2,4,6-Trichlorophenol	<385	ug/kg	385	1	03/20/19 11:35	03/27/19 08:29	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	64	%	18-98	1	03/20/19 11:35	03/27/19 08:29	4165-60-0	
Phenol-d5 (S)	71	%	18-108	1	03/20/19 11:35	03/27/19 08:29	4165-62-2	
2-Fluorophenol (S)	68	%	16-104	1	03/20/19 11:35	03/27/19 08:29	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-114	1	03/20/19 11:35	03/27/19 08:29	118-79-6	
2-Fluorobiphenyl (S)	55	%	21-96	1	03/20/19 11:35	03/27/19 08:29	321-60-8	
p-Terphenyl-d14 (S)	63	%	29-124	1	03/20/19 11:35	03/27/19 08:29	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<991	ug/kg	991	1	03/19/19 20:37	67-64-1
Acrylonitrile	<991	ug/kg	991	1	03/19/19 20:37	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(1-2') Lab ID: 50219184001 Collected: 03/08/19 12:15 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	71-43-2	
Bromobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	108-86-1	
Bromochloromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	74-97-5	
Bromodichloromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-27-4	
Bromoform	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-25-2	
Bromomethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	74-83-9	
2-Butanone (MEK)	<248	ug/kg	248	1		03/19/19 20:37	78-93-3	
tert-Butyl Alcohol	<496	ug/kg	496	1		03/19/19 20:37	75-65-0	L1
n-Butylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	104-51-8	
sec-Butylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	135-98-8	
tert-Butylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	98-06-6	
Carbon disulfide	<99.1	ug/kg	99.1	1		03/19/19 20:37	75-15-0	
Carbon tetrachloride	<49.6	ug/kg	49.6	1		03/19/19 20:37	56-23-5	
Chlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	108-90-7	
Chloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-00-3	
Chloroform	<49.6	ug/kg	49.6	1		03/19/19 20:37	67-66-3	
Chloromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	74-87-3	
2-Chlorotoluene	<49.6	ug/kg	49.6	1		03/19/19 20:37	95-49-8	
1,2-Dibromo-3-chloropropane	<99.1	ug/kg	99.1	1		03/19/19 20:37	96-12-8	
Dibromochloromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	124-48-1	
1,2-Dibromoethane (EDB)	<49.6	ug/kg	49.6	1		03/19/19 20:37	106-93-4	
Dibromomethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	74-95-3	
1,2-Dichlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	95-50-1	
1,3-Dichlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	541-73-1	
1,4-Dichlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	106-46-7	
trans-1,4-Dichloro-2-butene	<991	ug/kg	991	1		03/19/19 20:37	110-57-6	
Dichlorodifluoromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-71-8	
1,1-Dichloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-34-3	
1,2-Dichloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	107-06-2	
1,1-Dichloroethene	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-35-4	
cis-1,2-Dichloroethene	<49.6	ug/kg	49.6	1		03/19/19 20:37	156-59-2	
trans-1,2-Dichloroethene	<49.6	ug/kg	49.6	1		03/19/19 20:37	156-60-5	
1,2-Dichloropropane	<49.6	ug/kg	49.6	1		03/19/19 20:37	78-87-5	
cis-1,3-Dichloropropene	<49.6	ug/kg	49.6	1		03/19/19 20:37	10061-01-5	
trans-1,3-Dichloropropene	<49.6	ug/kg	49.6	1		03/19/19 20:37	10061-02-6	
Diethyl ether (Ethyl ether)	<49.6	ug/kg	49.6	1		03/19/19 20:37	60-29-7	
Ethylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	100-41-4	
2-Hexanone	<991	ug/kg	991	1		03/19/19 20:37	591-78-6	
Iodomethane	<991	ug/kg	991	1		03/19/19 20:37	74-88-4	
Isopropylbenzene (Cumene)	<49.6	ug/kg	49.6	1		03/19/19 20:37	98-82-8	
p-Isopropyltoluene	<49.6	ug/kg	49.6	1		03/19/19 20:37	99-87-6	
Methylene Chloride	<198	ug/kg	198	1		03/19/19 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	<248	ug/kg	248	1		03/19/19 20:37	108-10-1	
Methyl-tert-butyl ether	<49.6	ug/kg	49.6	1		03/19/19 20:37	1634-04-4	
Naphthalene	<49.6	ug/kg	49.6	1		03/19/19 20:37	91-20-3	
n-Propylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(1-2') Lab ID: 50219184001 Collected: 03/08/19 12:15 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<49.6	ug/kg	49.6	1		03/19/19 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	79-34-5	
Tetrachloroethene	<49.6	ug/kg	49.6	1		03/19/19 20:37	127-18-4	
Tetrahydrofuran	<991	ug/kg	991	1		03/19/19 20:37	109-99-9	
Toluene	<49.6	ug/kg	49.6	1		03/19/19 20:37	108-88-3	
1,2,3-Trichlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	87-61-6	
1,2,4-Trichlorobenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	120-82-1	
1,1,1-Trichloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	71-55-6	
1,1,2-Trichloroethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	79-00-5	
Trichloroethene	<49.6	ug/kg	49.6	1		03/19/19 20:37	79-01-6	
Trichlorofluoromethane	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-69-4	
1,2,3-Trichloropropane	<49.6	ug/kg	49.6	1		03/19/19 20:37	96-18-4	
1,2,3-Trimethylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	526-73-8	N2
1,2,4-Trimethylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	95-63-6	
1,3,5-Trimethylbenzene	<49.6	ug/kg	49.6	1		03/19/19 20:37	108-67-8	
Vinyl chloride	<49.6	ug/kg	49.6	1		03/19/19 20:37	75-01-4	
Xylene (Total)	<99.1	ug/kg	99.1	1		03/19/19 20:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 20:37	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 20:37	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/19/19 20:37	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	14.5	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(4-5') **Lab ID:** 50219184002 **Collected:** 03/08/19 12:20 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4580	ug/kg	591	5	03/19/19 09:50	03/22/19 12:09	7440-38-2	
Barium	59400	ug/kg	591	5	03/19/19 09:50	03/22/19 12:09	7440-39-3	
Cadmium	282	ug/kg	59.1	1	03/19/19 09:50	03/22/19 14:27	7440-43-9	
Chromium	11700	ug/kg	1180	5	03/19/19 09:50	03/22/19 12:09	7440-47-3	
Copper	9780	ug/kg	295	5	03/19/19 09:50	03/22/19 12:09	7440-50-8	
Lead	9840	ug/kg	118	1	03/19/19 09:50	03/22/19 14:27	7439-92-1	N2
Selenium	674	ug/kg	591	5	03/19/19 09:50	03/22/19 12:09	7782-49-2	
Silver	<59.1	ug/kg	59.1	1	03/19/19 09:50	03/22/19 14:27	7440-22-4	
Zinc	37800	ug/kg	2950	5	03/19/19 09:50	03/22/19 12:09	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<246	ug/kg	246	1	03/20/19 23:30	03/21/19 09:17	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	83-32-9	
Acenaphthylene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	208-96-8	
Aniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	62-53-3	
Anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	120-12-7	
Atrazine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	1912-24-9	N2
Azobenzene	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	103-33-3	N2
Benidine	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	92-87-5	
Benzo(a)anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	56-55-3	
Benzo(a)pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	50-32-8	
Benzo(b)fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	205-99-2	
Benzo(g,h,i)perylene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	191-24-2	
Benzo(k)fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	207-08-9	
Benzoic acid	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	65-85-0	
Benzyl alcohol	<799	ug/kg	799	1	03/20/19 11:35	03/25/19 13:15	100-51-6	
4-Bromophenylphenyl ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	101-55-3	
Butylbenzylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	85-68-7	
Caprolactam	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	105-60-2	N2
Carbazole	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	86-74-8	
4-Chloro-3-methylphenol	<799	ug/kg	799	1	03/20/19 11:35	03/25/19 13:15	59-50-7	
bis(2-Chloroethoxy)methane	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	111-91-1	
bis(2-Chloroethyl) ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	111-44-4	
bis(2-Chloroisopropyl) ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	108-60-1	
2-Chloronaphthalene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	91-58-7	
2-Chlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	95-57-8	
4-Chlorophenylphenyl ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	7005-72-3	
Chrysene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	218-01-9	
Dibenz(a,h)anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	53-70-3	
Dibenzofuran	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	132-64-9	
3,3'-Dichlorobenzidine	<799	ug/kg	799	1	03/20/19 11:35	03/25/19 13:15	91-94-1	
2,4-Dichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	120-83-2	
Diethylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(4-5') **Lab ID:** 50219184002 **Collected:** 03/08/19 12:20 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	105-67-9	
Dimethylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	131-11-3	
Di-n-butylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	84-74-2	
4,6-Dinitro-2-methylphenol	<799	ug/kg	799	1	03/20/19 11:35	03/25/19 13:15	534-52-1	
2,4-Dinitrophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	51-28-5	
2,4-Dinitrotoluene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	121-14-2	
2,6-Dinitrotoluene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	606-20-2	
Di-n-octylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	117-84-0	
bis(2-Ethylhexyl)phthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	117-81-7	
Fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	206-44-0	
Fluorene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	86-73-7	
Hexachlorobenzene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	118-74-1	
Hexachlorocyclopentadiene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	77-47-4	
Hexachloroethane	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	67-72-1	
Indeno(1,2,3-cd)pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	193-39-5	
Isophorone	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	78-59-1	
2-Methylnaphthalene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	91-57-6	
2-Methylphenol(o-Cresol)	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	<799	ug/kg	799	1	03/20/19 11:35	03/25/19 13:15		
2-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	88-74-4	
3-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	99-09-2	
4-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	100-01-6	
Nitrobenzene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	98-95-3	
2-Nitrophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	88-75-5	
4-Nitrophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	100-02-7	
N-Nitrosodimethylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	62-75-9	
N-Nitroso-di-n-propylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	621-64-7	
N-Nitrosodiphenylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	86-30-6	
Pentachlorophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 13:15	87-86-5	
Phenanthrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	85-01-8	
Phenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	108-95-2	
Pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	129-00-0	
Pyridine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	110-86-1	
2,4,5-Trichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	95-95-4	
2,4,6-Trichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 13:15	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	18-98	1	03/20/19 11:35	03/25/19 13:15	4165-60-0	
Phenol-d5 (S)	72	%.	18-108	1	03/20/19 11:35	03/25/19 13:15	4165-62-2	
2-Fluorophenol (S)	72	%.	16-104	1	03/20/19 11:35	03/25/19 13:15	367-12-4	
2,4,6-Tribromophenol (S)	80	%.	10-114	1	03/20/19 11:35	03/25/19 13:15	118-79-6	
2-Fluorobiphenyl (S)	65	%.	21-96	1	03/20/19 11:35	03/25/19 13:15	321-60-8	
p-Terphenyl-d14 (S)	78	%.	29-124	1	03/20/19 11:35	03/25/19 13:15	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1070	ug/kg	1070	1		03/19/19 21:10	67-64-1	
Acrylonitrile	<1070	ug/kg	1070	1		03/19/19 21:10	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(4-5') Lab ID: 50219184002 Collected: 03/08/19 12:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	71-43-2	
Bromobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	108-86-1	
Bromochloromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	74-97-5	
Bromodichloromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-27-4	
Bromoform	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-25-2	
Bromomethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	74-83-9	
2-Butanone (MEK)	<269	ug/kg	269	1		03/19/19 21:10	78-93-3	
tert-Butyl Alcohol	<537	ug/kg	537	1		03/19/19 21:10	75-65-0	L1
n-Butylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	104-51-8	
sec-Butylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	135-98-8	
tert-Butylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	98-06-6	
Carbon disulfide	<107	ug/kg	107	1		03/19/19 21:10	75-15-0	
Carbon tetrachloride	<53.7	ug/kg	53.7	1		03/19/19 21:10	56-23-5	
Chlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	108-90-7	
Chloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-00-3	
Chloroform	<53.7	ug/kg	53.7	1		03/19/19 21:10	67-66-3	
Chloromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	74-87-3	
2-Chlorotoluene	<53.7	ug/kg	53.7	1		03/19/19 21:10	95-49-8	
1,2-Dibromo-3-chloropropane	<107	ug/kg	107	1		03/19/19 21:10	96-12-8	
Dibromochloromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	124-48-1	
1,2-Dibromoethane (EDB)	<53.7	ug/kg	53.7	1		03/19/19 21:10	106-93-4	
Dibromomethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	74-95-3	
1,2-Dichlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	95-50-1	
1,3-Dichlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	541-73-1	
1,4-Dichlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	106-46-7	
trans-1,4-Dichloro-2-butene	<1070	ug/kg	1070	1		03/19/19 21:10	110-57-6	
Dichlorodifluoromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-71-8	
1,1-Dichloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-34-3	
1,2-Dichloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	107-06-2	
1,1-Dichloroethene	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-35-4	
cis-1,2-Dichloroethene	<53.7	ug/kg	53.7	1		03/19/19 21:10	156-59-2	
trans-1,2-Dichloroethene	<53.7	ug/kg	53.7	1		03/19/19 21:10	156-60-5	
1,2-Dichloropropane	<53.7	ug/kg	53.7	1		03/19/19 21:10	78-87-5	
cis-1,3-Dichloropropene	<53.7	ug/kg	53.7	1		03/19/19 21:10	10061-01-5	
trans-1,3-Dichloropropene	<53.7	ug/kg	53.7	1		03/19/19 21:10	10061-02-6	
Diethyl ether (Ethyl ether)	<53.7	ug/kg	53.7	1		03/19/19 21:10	60-29-7	
Ethylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	100-41-4	
2-Hexanone	<1070	ug/kg	1070	1		03/19/19 21:10	591-78-6	
Iodomethane	<1070	ug/kg	1070	1		03/19/19 21:10	74-88-4	
Isopropylbenzene (Cumene)	<53.7	ug/kg	53.7	1		03/19/19 21:10	98-82-8	
p-Isopropyltoluene	<53.7	ug/kg	53.7	1		03/19/19 21:10	99-87-6	
Methylene Chloride	<215	ug/kg	215	1		03/19/19 21:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	<269	ug/kg	269	1		03/19/19 21:10	108-10-1	
Methyl-tert-butyl ether	<53.7	ug/kg	53.7	1		03/19/19 21:10	1634-04-4	
Naphthalene	<53.7	ug/kg	53.7	1		03/19/19 21:10	91-20-3	
n-Propylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-37(4-5') Lab ID: 50219184002 Collected: 03/08/19 12:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.7	ug/kg	53.7	1		03/19/19 21:10	100-42-5	
1,1,1,2-Tetrachloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	630-20-6	
1,1,2,2-Tetrachloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	79-34-5	
Tetrachloroethene	<53.7	ug/kg	53.7	1		03/19/19 21:10	127-18-4	
Tetrahydrofuran	<1070	ug/kg	1070	1		03/19/19 21:10	109-99-9	
Toluene	<53.7	ug/kg	53.7	1		03/19/19 21:10	108-88-3	
1,2,3-Trichlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	87-61-6	
1,2,4-Trichlorobenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	120-82-1	
1,1,1-Trichloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	71-55-6	
1,1,2-Trichloroethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	79-00-5	
Trichloroethene	<53.7	ug/kg	53.7	1		03/19/19 21:10	79-01-6	
Trichlorofluoromethane	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-69-4	
1,2,3-Trichloropropane	<53.7	ug/kg	53.7	1		03/19/19 21:10	96-18-4	
1,2,3-Trimethylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	526-73-8	N2
1,2,4-Trimethylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	95-63-6	
1,3,5-Trimethylbenzene	<53.7	ug/kg	53.7	1		03/19/19 21:10	108-67-8	
Vinyl chloride	<53.7	ug/kg	53.7	1		03/19/19 21:10	75-01-4	
Xylene (Total)	<107	ug/kg	107	1		03/19/19 21:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 21:10	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 21:10	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/19/19 21:10	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.3	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(1-2') **Lab ID:** 50219184003 **Collected:** 03/08/19 12:40 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8250	ug/kg	1180	10	03/19/19 09:50	03/26/19 04:32	7440-38-2	
Barium	77100	ug/kg	592	5	03/19/19 09:50	03/22/19 12:14	7440-39-3	
Cadmium	47700	ug/kg	592	10	03/19/19 09:50	03/26/19 04:32	7440-43-9	
Chromium	8500	ug/kg	1180	5	03/19/19 09:50	03/22/19 12:14	7440-47-3	
Copper	1370000	ug/kg	5920	100	03/19/19 09:50	03/25/19 12:20	7440-50-8	
Lead	237000	ug/kg	11800	100	03/19/19 09:50	03/25/19 12:20	7439-92-1	N2
Selenium	2640	ug/kg	1180	10	03/19/19 09:50	03/26/19 04:32	7782-49-2	
Silver	<592	ug/kg	592	10	03/19/19 09:50	03/26/19 04:32	7440-22-4	D3
Zinc	417000	ug/kg	59200	100	03/19/19 09:50	03/25/19 12:20	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<249	ug/kg	249	1	03/20/19 23:30	03/21/19 09:30	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	83-32-9	
Acenaphthylene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	208-96-8	
Aniline	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	62-53-3	
Anthracene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	120-12-7	
Atrazine	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	1912-24-9	N2
Azobenzene	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	103-33-3	N2
Benzidine	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	92-87-5	
Benzo(a)anthracene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	56-55-3	
Benzo(a)pyrene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	50-32-8	
Benzo(b)fluoranthene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	205-99-2	
Benzo(g,h,i)perylene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	191-24-2	
Benzo(k)fluoranthene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	207-08-9	
Benzoic acid	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	65-85-0	
Benzyl alcohol	<4030	ug/kg	4030	5	03/20/19 11:35	03/25/19 14:20	100-51-6	
4-Bromophenylphenyl ether	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	101-55-3	
Butylbenzylphthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	85-68-7	
Caprolactam	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	105-60-2	N2
Carbazole	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	86-74-8	
4-Chloro-3-methylphenol	<4030	ug/kg	4030	5	03/20/19 11:35	03/25/19 14:20	59-50-7	
bis(2-Chloroethoxy)methane	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	111-91-1	
bis(2-Chloroethyl) ether	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	111-44-4	
bis(2-Chloroisopropyl) ether	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	108-60-1	
2-Chloronaphthalene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	91-58-7	
2-Chlorophenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	95-57-8	
4-Chlorophenylphenyl ether	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	7005-72-3	
Chrysene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	218-01-9	
Dibenz(a,h)anthracene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	53-70-3	
Dibenzofuran	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	132-64-9	
3,3'-Dichlorobenzidine	<4030	ug/kg	4030	5	03/20/19 11:35	03/25/19 14:20	91-94-1	
2,4-Dichlorophenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	120-83-2	
Diethylphthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(1-2') Lab ID: 50219184003 Collected: 03/08/19 12:40 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	105-67-9	
Dimethylphthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	131-11-3	
Di-n-butylphthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	<4030	ug/kg	4030	5	03/20/19 11:35	03/25/19 14:20	534-52-1	
2,4-Dinitrophenol	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	51-28-5	
2,4-Dinitrotoluene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	121-14-2	
2,6-Dinitrotoluene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	606-20-2	
Di-n-octylphthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	117-84-0	
bis(2-Ethylhexyl)phthalate	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	117-81-7	
Fluoranthene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	206-44-0	
Fluorene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	86-73-7	
Hexachlorobenzene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	118-74-1	
Hexachlorocyclopentadiene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	77-47-4	
Hexachloroethane	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	193-39-5	
Isophorone	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	78-59-1	
2-Methylnaphthalene	4670	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	91-57-6	
2-Methylphenol(o-Cresol)	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	<4030	ug/kg	4030	5	03/20/19 11:35	03/25/19 14:20		
2-Nitroaniline	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	88-74-4	
3-Nitroaniline	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	99-09-2	
4-Nitroaniline	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	100-01-6	
Nitrobenzene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	98-95-3	
2-Nitrophenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	88-75-5	
4-Nitrophenol	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	100-02-7	
N-Nitrosodimethylamine	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	62-75-9	
N-Nitroso-di-n-propylamine	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	621-64-7	
N-Nitrosodiphenylamine	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	86-30-6	
Pentachlorophenol	<9770	ug/kg	9770	5	03/20/19 11:35	03/25/19 14:20	87-86-5	
Phenanthrene	2640	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	85-01-8	
Phenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	108-95-2	ED
Pyrene	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	129-00-0	
Pyridine	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	110-86-1	
2,4,5-Trichlorophenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	95-95-4	
2,4,6-Trichlorophenol	<2010	ug/kg	2010	5	03/20/19 11:35	03/25/19 14:20	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	53	%	18-98	5	03/20/19 11:35	03/25/19 14:20	4165-60-0	
Phenol-d5 (S)	52	%	18-108	5	03/20/19 11:35	03/25/19 14:20	4165-62-2	
2-Fluorophenol (S)	48	%	16-104	5	03/20/19 11:35	03/25/19 14:20	367-12-4	
2,4,6-Tribromophenol (S)	50	%	10-114	5	03/20/19 11:35	03/25/19 14:20	118-79-6	
2-Fluorobiphenyl (S)	53	%	21-96	5	03/20/19 11:35	03/25/19 14:20	321-60-8	
p-Terphenyl-d14 (S)	62	%	29-124	5	03/20/19 11:35	03/25/19 14:20	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1380	ug/kg	1380	1	03/19/19 21:42	67-64-1
Acrylonitrile	<1380	ug/kg	1380	1	03/19/19 21:42	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(1-2') **Lab ID:** 50219184003 **Collected:** 03/08/19 12:40 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	71-43-2	
Bromobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	108-86-1	
Bromochloromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	74-97-5	
Bromodichloromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-27-4	
Bromoform	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-25-2	
Bromomethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	74-83-9	
2-Butanone (MEK)	<344	ug/kg	344	1		03/19/19 21:42	78-93-3	
tert-Butyl Alcohol	<689	ug/kg	689	1		03/19/19 21:42	75-65-0	L1
n-Butylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	104-51-8	
sec-Butylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	135-98-8	
tert-Butylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	98-06-6	
Carbon disulfide	<138	ug/kg	138	1		03/19/19 21:42	75-15-0	
Carbon tetrachloride	<68.9	ug/kg	68.9	1		03/19/19 21:42	56-23-5	
Chlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	108-90-7	
Chloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-00-3	
Chloroform	<68.9	ug/kg	68.9	1		03/19/19 21:42	67-66-3	
Chloromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	74-87-3	
2-Chlorotoluene	<68.9	ug/kg	68.9	1		03/19/19 21:42	95-49-8	
1,2-Dibromo-3-chloropropane	<138	ug/kg	138	1		03/19/19 21:42	96-12-8	
Dibromochloromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	124-48-1	
1,2-Dibromoethane (EDB)	<68.9	ug/kg	68.9	1		03/19/19 21:42	106-93-4	
Dibromomethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	74-95-3	
1,2-Dichlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	95-50-1	
1,3-Dichlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	541-73-1	
1,4-Dichlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	106-46-7	
trans-1,4-Dichloro-2-butene	<1380	ug/kg	1380	1		03/19/19 21:42	110-57-6	
Dichlorodifluoromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-71-8	
1,1-Dichloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-34-3	
1,2-Dichloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	107-06-2	
1,1-Dichloroethene	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-35-4	
cis-1,2-Dichloroethene	<68.9	ug/kg	68.9	1		03/19/19 21:42	156-59-2	
trans-1,2-Dichloroethene	<68.9	ug/kg	68.9	1		03/19/19 21:42	156-60-5	
1,2-Dichloropropane	<68.9	ug/kg	68.9	1		03/19/19 21:42	78-87-5	
cis-1,3-Dichloropropene	<68.9	ug/kg	68.9	1		03/19/19 21:42	10061-01-5	
trans-1,3-Dichloropropene	<68.9	ug/kg	68.9	1		03/19/19 21:42	10061-02-6	
Diethyl ether (Ethyl ether)	<68.9	ug/kg	68.9	1		03/19/19 21:42	60-29-7	
Ethylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	100-41-4	
2-Hexanone	<1380	ug/kg	1380	1		03/19/19 21:42	591-78-6	
Iodomethane	<1380	ug/kg	1380	1		03/19/19 21:42	74-88-4	
Isopropylbenzene (Cumene)	<68.9	ug/kg	68.9	1		03/19/19 21:42	98-82-8	
p-Isopropyltoluene	<68.9	ug/kg	68.9	1		03/19/19 21:42	99-87-6	
Methylene Chloride	<276	ug/kg	276	1		03/19/19 21:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	<344	ug/kg	344	1		03/19/19 21:42	108-10-1	
Methyl-tert-butyl ether	<68.9	ug/kg	68.9	1		03/19/19 21:42	1634-04-4	
Naphthalene	<68.9	ug/kg	68.9	1		03/19/19 21:42	91-20-3	
n-Propylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(1-2') Lab ID: 50219184003 Collected: 03/08/19 12:40 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<68.9	ug/kg	68.9	1		03/19/19 21:42	100-42-5	
1,1,1,2-Tetrachloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	630-20-6	
1,1,2,2-Tetrachloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	79-34-5	
Tetrachloroethene	<68.9	ug/kg	68.9	1		03/19/19 21:42	127-18-4	
Tetrahydrofuran	<1380	ug/kg	1380	1		03/19/19 21:42	109-99-9	
Toluene	<68.9	ug/kg	68.9	1		03/19/19 21:42	108-88-3	
1,2,3-Trichlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	87-61-6	
1,2,4-Trichlorobenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	120-82-1	
1,1,1-Trichloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	71-55-6	
1,1,2-Trichloroethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	79-00-5	
Trichloroethene	<68.9	ug/kg	68.9	1		03/19/19 21:42	79-01-6	
Trichlorofluoromethane	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-69-4	
1,2,3-Trichloropropane	<68.9	ug/kg	68.9	1		03/19/19 21:42	96-18-4	
1,2,3-Trimethylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	526-73-8	N2
1,2,4-Trimethylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	95-63-6	
1,3,5-Trimethylbenzene	<68.9	ug/kg	68.9	1		03/19/19 21:42	108-67-8	
Vinyl chloride	<68.9	ug/kg	68.9	1		03/19/19 21:42	75-01-4	
Xylene (Total)	<138	ug/kg	138	1		03/19/19 21:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/19/19 21:42	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		03/19/19 21:42	2037-26-5	
4-Bromofluorobenzene (S)	88	%.	56-144	1		03/19/19 21:42	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.4	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(7-8') **Lab ID:** 50219184004 **Collected:** 03/08/19 12:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	11500	ug/kg	2400	20	03/19/19 09:50	03/25/19 13:20	7440-38-2	
Barium	89200	ug/kg	601	5	03/19/19 09:50	03/22/19 12:19	7440-39-3	
Cadmium	386	ug/kg	60.1	1	03/19/19 09:50	03/22/19 14:41	7440-43-9	
Chromium	24200	ug/kg	1200	5	03/19/19 09:50	03/22/19 12:19	7440-47-3	
Copper	24000	ug/kg	300	5	03/19/19 09:50	03/22/19 12:19	7440-50-8	
Lead	15900	ug/kg	120	1	03/19/19 09:50	03/22/19 14:41	7439-92-1	N2
Selenium	<2400	ug/kg	2400	20	03/19/19 09:50	03/25/19 13:20	7782-49-2	D3
Silver	67.8	ug/kg	60.1	1	03/19/19 09:50	03/22/19 14:41	7440-22-4	
Zinc	61100	ug/kg	3000	5	03/19/19 09:50	03/22/19 12:19	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<254	ug/kg	254	1	03/20/19 23:30	03/21/19 09:32	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	83-32-9	
Acenaphthylene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	208-96-8	
Aniline	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	62-53-3	
Anthracene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	120-12-7	
Atrazine	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	1912-24-9	N2
Azobenzene	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	103-33-3	N2
Benidine	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	92-87-5	
Benzo(a)anthracene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	56-55-3	
Benzo(a)pyrene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	50-32-8	
Benzo(b)fluoranthene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	205-99-2	
Benzo(g,h,i)perylene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	191-24-2	
Benzo(k)fluoranthene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	207-08-9	
Benzoic acid	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	65-85-0	
Benzyl alcohol	<826	ug/kg	826	1	03/20/19 11:35	03/25/19 14:36	100-51-6	
4-Bromophenylphenyl ether	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	101-55-3	
Butylbenzylphthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	85-68-7	
Caprolactam	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	105-60-2	N2
Carbazole	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	86-74-8	
4-Chloro-3-methylphenol	<826	ug/kg	826	1	03/20/19 11:35	03/25/19 14:36	59-50-7	
bis(2-Chloroethoxy)methane	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	111-91-1	
bis(2-Chloroethyl) ether	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	111-44-4	
bis(2-Chloroisopropyl) ether	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	108-60-1	
2-Chloronaphthalene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	91-58-7	
2-Chlorophenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	95-57-8	
4-Chlorophenylphenyl ether	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	7005-72-3	
Chrysene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	218-01-9	
Dibenz(a,h)anthracene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	53-70-3	
Dibenzofuran	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	132-64-9	
3,3'-Dichlorobenzidine	<826	ug/kg	826	1	03/20/19 11:35	03/25/19 14:36	91-94-1	
2,4-Dichlorophenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	120-83-2	
Diethylphthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(7-8') **Lab ID:** 50219184004 **Collected:** 03/08/19 12:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	105-67-9	
Dimethylphthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	131-11-3	
Di-n-butylphthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	84-74-2	
4,6-Dinitro-2-methylphenol	<826	ug/kg	826	1	03/20/19 11:35	03/25/19 14:36	534-52-1	
2,4-Dinitrophenol	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	51-28-5	
2,4-Dinitrotoluene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	121-14-2	
2,6-Dinitrotoluene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	606-20-2	
Di-n-octylphthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	117-84-0	
bis(2-Ethylhexyl)phthalate	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	117-81-7	
Fluoranthene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	206-44-0	
Fluorene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	86-73-7	
Hexachlorobenzene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	118-74-1	
Hexachlorocyclopentadiene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	77-47-4	
Hexachloroethane	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	67-72-1	
Indeno(1,2,3-cd)pyrene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	193-39-5	
Isophorone	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	78-59-1	
2-Methylnaphthalene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	91-57-6	
2-Methylphenol(o-Cresol)	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	<826	ug/kg	826	1	03/20/19 11:35	03/25/19 14:36		
2-Nitroaniline	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	88-74-4	
3-Nitroaniline	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	99-09-2	
4-Nitroaniline	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	100-01-6	
Nitrobenzene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	98-95-3	
2-Nitrophenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	88-75-5	
4-Nitrophenol	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	100-02-7	
N-Nitrosodimethylamine	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	62-75-9	
N-Nitroso-di-n-propylamine	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	621-64-7	
N-Nitrosodiphenylamine	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	86-30-6	
Pentachlorophenol	<2000	ug/kg	2000	1	03/20/19 11:35	03/25/19 14:36	87-86-5	
Phenanthrene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	85-01-8	
Phenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	108-95-2	
Pyrene	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	129-00-0	
Pyridine	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	110-86-1	
2,4,5-Trichlorophenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	95-95-4	
2,4,6-Trichlorophenol	<413	ug/kg	413	1	03/20/19 11:35	03/25/19 14:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	49	%	18-98	1	03/20/19 11:35	03/25/19 14:36	4165-60-0	
Phenol-d5 (S)	69	%	18-108	1	03/20/19 11:35	03/25/19 14:36	4165-62-2	
2-Fluorophenol (S)	67	%	16-104	1	03/20/19 11:35	03/25/19 14:36	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-114	1	03/20/19 11:35	03/25/19 14:36	118-79-6	
2-Fluorobiphenyl (S)	59	%	21-96	1	03/20/19 11:35	03/25/19 14:36	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-124	1	03/20/19 11:35	03/25/19 14:36	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1070	ug/kg	1070	1		03/19/19 22:15	67-64-1
Acrylonitrile	<1070	ug/kg	1070	1		03/19/19 22:15	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(7-8') **Lab ID:** 50219184004 **Collected:** 03/08/19 12:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	71-43-2	
Bromobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	108-86-1	
Bromochloromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	74-97-5	
Bromodichloromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-27-4	
Bromoform	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-25-2	
Bromomethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	74-83-9	
2-Butanone (MEK)	<267	ug/kg	267	1		03/19/19 22:15	78-93-3	
tert-Butyl Alcohol	<534	ug/kg	534	1		03/19/19 22:15	75-65-0	L1
n-Butylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	104-51-8	
sec-Butylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	135-98-8	
tert-Butylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	98-06-6	
Carbon disulfide	<107	ug/kg	107	1		03/19/19 22:15	75-15-0	
Carbon tetrachloride	<53.4	ug/kg	53.4	1		03/19/19 22:15	56-23-5	
Chlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	108-90-7	
Chloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-00-3	
Chloroform	<53.4	ug/kg	53.4	1		03/19/19 22:15	67-66-3	
Chloromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	74-87-3	
2-Chlorotoluene	<53.4	ug/kg	53.4	1		03/19/19 22:15	95-49-8	
1,2-Dibromo-3-chloropropane	<107	ug/kg	107	1		03/19/19 22:15	96-12-8	
Dibromochloromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	124-48-1	
1,2-Dibromoethane (EDB)	<53.4	ug/kg	53.4	1		03/19/19 22:15	106-93-4	
Dibromomethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	74-95-3	
1,2-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	95-50-1	
1,3-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	541-73-1	
1,4-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	106-46-7	
trans-1,4-Dichloro-2-butene	<1070	ug/kg	1070	1		03/19/19 22:15	110-57-6	
Dichlorodifluoromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-71-8	
1,1-Dichloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-34-3	
1,2-Dichloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	107-06-2	
1,1-Dichloroethene	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-35-4	
cis-1,2-Dichloroethene	<53.4	ug/kg	53.4	1		03/19/19 22:15	156-59-2	
trans-1,2-Dichloroethene	<53.4	ug/kg	53.4	1		03/19/19 22:15	156-60-5	
1,2-Dichloropropane	<53.4	ug/kg	53.4	1		03/19/19 22:15	78-87-5	
cis-1,3-Dichloropropene	<53.4	ug/kg	53.4	1		03/19/19 22:15	10061-01-5	
trans-1,3-Dichloropropene	<53.4	ug/kg	53.4	1		03/19/19 22:15	10061-02-6	
Diethyl ether (Ethyl ether)	<53.4	ug/kg	53.4	1		03/19/19 22:15	60-29-7	
Ethylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	100-41-4	
2-Hexanone	<1070	ug/kg	1070	1		03/19/19 22:15	591-78-6	
Iodomethane	<1070	ug/kg	1070	1		03/19/19 22:15	74-88-4	
Isopropylbenzene (Cumene)	<53.4	ug/kg	53.4	1		03/19/19 22:15	98-82-8	
p-Isopropyltoluene	<53.4	ug/kg	53.4	1		03/19/19 22:15	99-87-6	
Methylene Chloride	<213	ug/kg	213	1		03/19/19 22:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	<267	ug/kg	267	1		03/19/19 22:15	108-10-1	
Methyl-tert-butyl ether	<53.4	ug/kg	53.4	1		03/19/19 22:15	1634-04-4	
Naphthalene	<53.4	ug/kg	53.4	1		03/19/19 22:15	91-20-3	
n-Propylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11031-SB-38(7-8') **Lab ID:** 50219184004 **Collected:** 03/08/19 12:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.4	ug/kg	53.4	1		03/19/19 22:15	100-42-5	
1,1,1,2-Tetrachloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	630-20-6	
1,1,2,2-Tetrachloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	79-34-5	
Tetrachloroethene	<53.4	ug/kg	53.4	1		03/19/19 22:15	127-18-4	
Tetrahydrofuran	<1070	ug/kg	1070	1		03/19/19 22:15	109-99-9	
Toluene	<53.4	ug/kg	53.4	1		03/19/19 22:15	108-88-3	
1,2,3-Trichlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	87-61-6	
1,2,4-Trichlorobenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	120-82-1	
1,1,1-Trichloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	71-55-6	
1,1,2-Trichloroethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	79-00-5	
Trichloroethene	<53.4	ug/kg	53.4	1		03/19/19 22:15	79-01-6	
Trichlorofluoromethane	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-69-4	
1,2,3-Trichloropropane	<53.4	ug/kg	53.4	1		03/19/19 22:15	96-18-4	
1,2,3-Trimethylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	526-73-8	N2
1,2,4-Trimethylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	95-63-6	
1,3,5-Trimethylbenzene	<53.4	ug/kg	53.4	1		03/19/19 22:15	108-67-8	
Vinyl chloride	<53.4	ug/kg	53.4	1		03/19/19 22:15	75-01-4	
Xylene (Total)	<107	ug/kg	107	1		03/19/19 22:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 22:15	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		03/19/19 22:15	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 22:15	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	21.1	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(3-4') **Lab ID:** 50219184005 **Collected:** 03/08/19 13:30 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	9060	ug/kg	548	5	03/19/19 09:50	03/22/19 12:23	7440-38-2	
Barium	137000	ug/kg	1100	10	03/19/19 09:50	03/25/19 13:15	7440-39-3	
Cadmium	36000	ug/kg	110	2	03/19/19 09:50	03/22/19 14:54	7440-43-9	
Chromium	9660	ug/kg	1100	5	03/19/19 09:50	03/22/19 12:23	7440-47-3	
Copper	7150000	ug/kg	54800	1000	03/19/19 09:50	03/25/19 12:25	7440-50-8	
Lead	1640000	ug/kg	11000	100	03/19/19 09:50	03/25/19 12:57	7439-92-1	N2
Selenium	1720	ug/kg	548	5	03/19/19 09:50	03/22/19 12:23	7782-49-2	
Silver	773	ug/kg	110	2	03/19/19 09:50	03/22/19 14:54	7440-22-4	
Zinc	21000000	ug/kg	1100000	2000	03/19/19 09:50	03/26/19 03:42	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<242	ug/kg	242	1	03/20/19 23:30	03/21/19 09:35	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	83-32-9	
Acenaphthylene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	208-96-8	
Aniline	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	62-53-3	
Anthracene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	120-12-7	
Atrazine	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	1912-24-9	N2
Azobenzene	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	103-33-3	N2
Benidine	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	92-87-5	
Benzo(a)anthracene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	56-55-3	
Benzo(a)pyrene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	50-32-8	
Benzo(b)fluoranthene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	205-99-2	
Benzo(g,h,i)perylene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	191-24-2	
Benzo(k)fluoranthene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	207-08-9	
Benzoic acid	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	65-85-0	
Benzyl alcohol	<3840	ug/kg	3840	5	03/20/19 11:35	03/25/19 14:52	100-51-6	
4-Bromophenylphenyl ether	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	101-55-3	
Butylbenzylphthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	85-68-7	
Caprolactam	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	105-60-2	N2
Carbazole	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	86-74-8	
4-Chloro-3-methylphenol	<3840	ug/kg	3840	5	03/20/19 11:35	03/25/19 14:52	59-50-7	
bis(2-Chloroethoxy)methane	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	111-91-1	
bis(2-Chloroethyl) ether	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	111-44-4	
bis(2-Chloroisopropyl) ether	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	108-60-1	
2-Chloronaphthalene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	91-58-7	
2-Chlorophenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	95-57-8	
4-Chlorophenylphenyl ether	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	7005-72-3	
Chrysene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	218-01-9	
Dibenz(a,h)anthracene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	53-70-3	
Dibenzofuran	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	132-64-9	
3,3'-Dichlorobenzidine	<3840	ug/kg	3840	5	03/20/19 11:35	03/25/19 14:52	91-94-1	
2,4-Dichlorophenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	120-83-2	
Diethylphthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(3-4') **Lab ID:** 50219184005 **Collected:** 03/08/19 13:30 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	105-67-9	
Dimethylphthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	131-11-3	
Di-n-butylphthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	84-74-2	
4,6-Dinitro-2-methylphenol	<3840	ug/kg	3840	5	03/20/19 11:35	03/25/19 14:52	534-52-1	
2,4-Dinitrophenol	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	51-28-5	
2,4-Dinitrotoluene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	121-14-2	
2,6-Dinitrotoluene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	606-20-2	
Di-n-octylphthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	117-84-0	
bis(2-Ethylhexyl)phthalate	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	117-81-7	
Fluoranthene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	206-44-0	
Fluorene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	86-73-7	
Hexachlorobenzene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	118-74-1	
Hexachlorocyclopentadiene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	77-47-4	
Hexachloroethane	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	67-72-1	
Indeno(1,2,3-cd)pyrene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	193-39-5	
Isophorone	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	78-59-1	
2-Methylnaphthalene	3950	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	91-57-6	
2-Methylphenol(o-Cresol)	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	<3840	ug/kg	3840	5	03/20/19 11:35	03/25/19 14:52		
2-Nitroaniline	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	88-74-4	
3-Nitroaniline	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	99-09-2	
4-Nitroaniline	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	100-01-6	
Nitrobenzene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	98-95-3	
2-Nitrophenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	88-75-5	
4-Nitrophenol	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	100-02-7	
N-Nitrosodimethylamine	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	62-75-9	
N-Nitroso-di-n-propylamine	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	621-64-7	
N-Nitrosodiphenylamine	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	86-30-6	
Pentachlorophenol	<9320	ug/kg	9320	5	03/20/19 11:35	03/25/19 14:52	87-86-5	
Phenanthrene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	85-01-8	
Phenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	108-95-2	ED
Pyrene	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	129-00-0	
Pyridine	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	110-86-1	
2,4,5-Trichlorophenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	95-95-4	
2,4,6-Trichlorophenol	<1920	ug/kg	1920	5	03/20/19 11:35	03/25/19 14:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	50	%.	18-98	5	03/20/19 11:35	03/25/19 14:52	4165-60-0	
Phenol-d5 (S)	51	%.	18-108	5	03/20/19 11:35	03/25/19 14:52	4165-62-2	
2-Fluorophenol (S)	52	%.	16-104	5	03/20/19 11:35	03/25/19 14:52	367-12-4	
2,4,6-Tribromophenol (S)	45	%.	10-114	5	03/20/19 11:35	03/25/19 14:52	118-79-6	
2-Fluorobiphenyl (S)	55	%.	21-96	5	03/20/19 11:35	03/25/19 14:52	321-60-8	
p-Terphenyl-d14 (S)	67	%.	29-124	5	03/20/19 11:35	03/25/19 14:52	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1300	ug/kg	1300	1	03/19/19 22:47	67-64-1
Acrylonitrile	<1300	ug/kg	1300	1	03/19/19 22:47	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(3-4') Lab ID: 50219184005 Collected: 03/08/19 13:30 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	71-43-2	
Bromobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	108-86-1	
Bromochloromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	74-97-5	
Bromodichloromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-27-4	
Bromoform	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-25-2	
Bromomethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	74-83-9	
2-Butanone (MEK)	<324	ug/kg	324	1		03/19/19 22:47	78-93-3	
tert-Butyl Alcohol	<648	ug/kg	648	1		03/19/19 22:47	75-65-0	L1
n-Butylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	104-51-8	
sec-Butylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	135-98-8	
tert-Butylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	98-06-6	
Carbon disulfide	<130	ug/kg	130	1		03/19/19 22:47	75-15-0	
Carbon tetrachloride	<64.8	ug/kg	64.8	1		03/19/19 22:47	56-23-5	
Chlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	108-90-7	
Chloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-00-3	
Chloroform	<64.8	ug/kg	64.8	1		03/19/19 22:47	67-66-3	
Chloromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	74-87-3	
2-Chlorotoluene	<64.8	ug/kg	64.8	1		03/19/19 22:47	95-49-8	
1,2-Dibromo-3-chloropropane	<130	ug/kg	130	1		03/19/19 22:47	96-12-8	
Dibromochloromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	124-48-1	
1,2-Dibromoethane (EDB)	<64.8	ug/kg	64.8	1		03/19/19 22:47	106-93-4	
Dibromomethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	74-95-3	
1,2-Dichlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	95-50-1	
1,3-Dichlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	541-73-1	
1,4-Dichlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	106-46-7	
trans-1,4-Dichloro-2-butene	<1300	ug/kg	1300	1		03/19/19 22:47	110-57-6	
Dichlorodifluoromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-71-8	
1,1-Dichloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-34-3	
1,2-Dichloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	107-06-2	
1,1-Dichloroethene	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-35-4	
cis-1,2-Dichloroethene	<64.8	ug/kg	64.8	1		03/19/19 22:47	156-59-2	
trans-1,2-Dichloroethene	<64.8	ug/kg	64.8	1		03/19/19 22:47	156-60-5	
1,2-Dichloropropane	<64.8	ug/kg	64.8	1		03/19/19 22:47	78-87-5	
cis-1,3-Dichloropropene	<64.8	ug/kg	64.8	1		03/19/19 22:47	10061-01-5	
trans-1,3-Dichloropropene	<64.8	ug/kg	64.8	1		03/19/19 22:47	10061-02-6	
Diethyl ether (Ethyl ether)	<64.8	ug/kg	64.8	1		03/19/19 22:47	60-29-7	
Ethylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	100-41-4	
2-Hexanone	<1300	ug/kg	1300	1		03/19/19 22:47	591-78-6	
Iodomethane	<1300	ug/kg	1300	1		03/19/19 22:47	74-88-4	
Isopropylbenzene (Cumene)	<64.8	ug/kg	64.8	1		03/19/19 22:47	98-82-8	
p-Isopropyltoluene	<64.8	ug/kg	64.8	1		03/19/19 22:47	99-87-6	
Methylene Chloride	<259	ug/kg	259	1		03/19/19 22:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	<324	ug/kg	324	1		03/19/19 22:47	108-10-1	
Methyl-tert-butyl ether	<64.8	ug/kg	64.8	1		03/19/19 22:47	1634-04-4	
Naphthalene	<64.8	ug/kg	64.8	1		03/19/19 22:47	91-20-3	
n-Propylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(3-4') Lab ID: 50219184005 Collected: 03/08/19 13:30 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<64.8	ug/kg	64.8	1		03/19/19 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	79-34-5	
Tetrachloroethene	<64.8	ug/kg	64.8	1		03/19/19 22:47	127-18-4	
Tetrahydrofuran	<1300	ug/kg	1300	1		03/19/19 22:47	109-99-9	
Toluene	<64.8	ug/kg	64.8	1		03/19/19 22:47	108-88-3	
1,2,3-Trichlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	87-61-6	
1,2,4-Trichlorobenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	120-82-1	
1,1,1-Trichloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	71-55-6	
1,1,2-Trichloroethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	79-00-5	
Trichloroethene	<64.8	ug/kg	64.8	1		03/19/19 22:47	79-01-6	
Trichlorofluoromethane	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-69-4	
1,2,3-Trichloropropane	<64.8	ug/kg	64.8	1		03/19/19 22:47	96-18-4	
1,2,3-Trimethylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	526-73-8	N2
1,2,4-Trimethylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	95-63-6	
1,3,5-Trimethylbenzene	<64.8	ug/kg	64.8	1		03/19/19 22:47	108-67-8	
Vinyl chloride	<64.8	ug/kg	64.8	1		03/19/19 22:47	75-01-4	
Xylene (Total)	<130	ug/kg	130	1		03/19/19 22:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/19/19 22:47	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 22:47	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/19/19 22:47	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	14.4	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(6-7') **Lab ID:** 50219184006 **Collected:** 03/08/19 13:35 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4180	ug/kg	575	5	03/19/19 09:50	03/22/19 12:28	7440-38-2	
Barium	68400	ug/kg	575	5	03/19/19 09:50	03/22/19 12:28	7440-39-3	
Cadmium	338	ug/kg	57.5	1	03/19/19 09:50	03/22/19 14:59	7440-43-9	
Chromium	16000	ug/kg	1150	5	03/19/19 09:50	03/22/19 12:28	7440-47-3	
Copper	18000	ug/kg	287	5	03/19/19 09:50	03/22/19 12:28	7440-50-8	
Lead	10200	ug/kg	115	1	03/19/19 09:50	03/22/19 14:59	7439-92-1	N2
Selenium	789	ug/kg	575	5	03/19/19 09:50	03/22/19 12:28	7782-49-2	
Silver	<57.5	ug/kg	57.5	1	03/19/19 09:50	03/22/19 14:59	7440-22-4	
Zinc	79000	ug/kg	2870	5	03/19/19 09:50	03/22/19 12:28	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<235	ug/kg	235	1	03/20/19 23:30	03/21/19 09:37	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	83-32-9	
Acenaphthylene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	208-96-8	
Aniline	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	62-53-3	
Anthracene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	120-12-7	
Atrazine	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	103-33-3	N2
Benidine	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	92-87-5	
Benzo(a)anthracene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	56-55-3	
Benzo(a)pyrene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	50-32-8	
Benzo(b)fluoranthene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	205-99-2	
Benzo(g,h,i)perylene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	191-24-2	
Benzo(k)fluoranthene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	65-85-0	
Benzyl alcohol	<797	ug/kg	797	1	03/20/19 11:35	03/25/19 15:09	100-51-6	
4-Bromophenylphenyl ether	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	101-55-3	
Butylbenzylphthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	85-68-7	
Caprolactam	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	105-60-2	N2
Carbazole	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	86-74-8	
4-Chloro-3-methylphenol	<797	ug/kg	797	1	03/20/19 11:35	03/25/19 15:09	59-50-7	
bis(2-Chloroethoxy)methane	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	111-91-1	
bis(2-Chloroethyl) ether	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	111-44-4	
bis(2-Chloroisopropyl) ether	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	108-60-1	
2-Chloronaphthalene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	91-58-7	
2-Chlorophenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	95-57-8	
4-Chlorophenylphenyl ether	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	7005-72-3	
Chrysene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	218-01-9	
Dibenz(a,h)anthracene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	53-70-3	
Dibenzofuran	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	132-64-9	
3,3'-Dichlorobenzidine	<797	ug/kg	797	1	03/20/19 11:35	03/25/19 15:09	91-94-1	
2,4-Dichlorophenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	120-83-2	
Diethylphthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(6-7') **Lab ID:** 50219184006 **Collected:** 03/08/19 13:35 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	105-67-9	
Dimethylphthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	131-11-3	
Di-n-butylphthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	84-74-2	
4,6-Dinitro-2-methylphenol	<797	ug/kg	797	1	03/20/19 11:35	03/25/19 15:09	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	51-28-5	
2,4-Dinitrotoluene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	121-14-2	
2,6-Dinitrotoluene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	606-20-2	
Di-n-octylphthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	117-84-0	
bis(2-Ethylhexyl)phthalate	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	117-81-7	
Fluoranthene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	206-44-0	
Fluorene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	86-73-7	
Hexachlorobenzene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	118-74-1	
Hexachlorocyclopentadiene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	77-47-4	
Hexachloroethane	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	67-72-1	
Indeno(1,2,3-cd)pyrene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	193-39-5	
Isophorone	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	78-59-1	
2-Methylnaphthalene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	91-57-6	
2-Methylphenol(o-Cresol)	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	<797	ug/kg	797	1	03/20/19 11:35	03/25/19 15:09		
2-Nitroaniline	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	88-74-4	
3-Nitroaniline	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	99-09-2	
4-Nitroaniline	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	100-01-6	
Nitrobenzene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	98-95-3	
2-Nitrophenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	100-02-7	
N-Nitrosodimethylamine	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	62-75-9	
N-Nitroso-di-n-propylamine	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	621-64-7	
N-Nitrosodiphenylamine	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:09	87-86-5	
Phenanthrene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	85-01-8	
Phenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	108-95-2	
Pyrene	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	129-00-0	
Pyridine	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	110-86-1	
2,4,5-Trichlorophenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	95-95-4	
2,4,6-Trichlorophenol	<399	ug/kg	399	1	03/20/19 11:35	03/25/19 15:09	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%.	18-98	1	03/20/19 11:35	03/25/19 15:09	4165-60-0	
Phenol-d5 (S)	69	%.	18-108	1	03/20/19 11:35	03/25/19 15:09	4165-62-2	
2-Fluorophenol (S)	70	%.	16-104	1	03/20/19 11:35	03/25/19 15:09	367-12-4	
2,4,6-Tribromophenol (S)	74	%.	10-114	1	03/20/19 11:35	03/25/19 15:09	118-79-6	
2-Fluorobiphenyl (S)	68	%.	21-96	1	03/20/19 11:35	03/25/19 15:09	321-60-8	
p-Terphenyl-d14 (S)	80	%.	29-124	1	03/20/19 11:35	03/25/19 15:09	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1050	ug/kg	1050	1		03/19/19 23:20	67-64-1	
Acrylonitrile	<1050	ug/kg	1050	1		03/19/19 23:20	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(6-7') Lab ID: 50219184006 Collected: 03/08/19 13:35 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	71-43-2	
Bromobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	108-86-1	
Bromochloromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	74-97-5	
Bromodichloromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-27-4	
Bromoform	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-25-2	
Bromomethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	74-83-9	
2-Butanone (MEK)	<263	ug/kg	263	1		03/19/19 23:20	78-93-3	
tert-Butyl Alcohol	<526	ug/kg	526	1		03/19/19 23:20	75-65-0	L1
n-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	104-51-8	
sec-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	135-98-8	
tert-Butylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	98-06-6	
Carbon disulfide	<105	ug/kg	105	1		03/19/19 23:20	75-15-0	
Carbon tetrachloride	<52.6	ug/kg	52.6	1		03/19/19 23:20	56-23-5	
Chlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	108-90-7	
Chloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-00-3	
Chloroform	<52.6	ug/kg	52.6	1		03/19/19 23:20	67-66-3	
Chloromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	74-87-3	
2-Chlorotoluene	<52.6	ug/kg	52.6	1		03/19/19 23:20	95-49-8	
1,2-Dibromo-3-chloropropane	<105	ug/kg	105	1		03/19/19 23:20	96-12-8	
Dibromochloromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	124-48-1	
1,2-Dibromoethane (EDB)	<52.6	ug/kg	52.6	1		03/19/19 23:20	106-93-4	
Dibromomethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	74-95-3	
1,2-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	95-50-1	
1,3-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	541-73-1	
1,4-Dichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	106-46-7	
trans-1,4-Dichloro-2-butene	<1050	ug/kg	1050	1		03/19/19 23:20	110-57-6	
Dichlorodifluoromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-71-8	
1,1-Dichloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-34-3	
1,2-Dichloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	107-06-2	
1,1-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-35-4	
cis-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 23:20	156-59-2	
trans-1,2-Dichloroethene	<52.6	ug/kg	52.6	1		03/19/19 23:20	156-60-5	
1,2-Dichloropropane	<52.6	ug/kg	52.6	1		03/19/19 23:20	78-87-5	
cis-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/19/19 23:20	10061-01-5	
trans-1,3-Dichloropropene	<52.6	ug/kg	52.6	1		03/19/19 23:20	10061-02-6	
Diethyl ether (Ethyl ether)	<52.6	ug/kg	52.6	1		03/19/19 23:20	60-29-7	
Ethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	100-41-4	
2-Hexanone	<1050	ug/kg	1050	1		03/19/19 23:20	591-78-6	
Iodomethane	<1050	ug/kg	1050	1		03/19/19 23:20	74-88-4	
Isopropylbenzene (Cumene)	<52.6	ug/kg	52.6	1		03/19/19 23:20	98-82-8	
p-Isopropyltoluene	<52.6	ug/kg	52.6	1		03/19/19 23:20	99-87-6	
Methylene Chloride	<210	ug/kg	210	1		03/19/19 23:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	<263	ug/kg	263	1		03/19/19 23:20	108-10-1	
Methyl-tert-butyl ether	<52.6	ug/kg	52.6	1		03/19/19 23:20	1634-04-4	
Naphthalene	<52.6	ug/kg	52.6	1		03/19/19 23:20	91-20-3	
n-Propylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-39(6-7') **Lab ID:** 50219184006 **Collected:** 03/08/19 13:35 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.6	ug/kg	52.6	1		03/19/19 23:20	100-42-5	
1,1,1,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	630-20-6	
1,1,2,2-Tetrachloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	79-34-5	
Tetrachloroethene	<52.6	ug/kg	52.6	1		03/19/19 23:20	127-18-4	
Tetrahydrofuran	<1050	ug/kg	1050	1		03/19/19 23:20	109-99-9	
Toluene	<52.6	ug/kg	52.6	1		03/19/19 23:20	108-88-3	
1,2,3-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	87-61-6	
1,2,4-Trichlorobenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	120-82-1	
1,1,1-Trichloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	71-55-6	
1,1,2-Trichloroethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	79-00-5	
Trichloroethene	<52.6	ug/kg	52.6	1		03/19/19 23:20	79-01-6	
Trichlorofluoromethane	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-69-4	
1,2,3-Trichloropropane	<52.6	ug/kg	52.6	1		03/19/19 23:20	96-18-4	
1,2,3-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	526-73-8	N2
1,2,4-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	95-63-6	
1,3,5-Trimethylbenzene	<52.6	ug/kg	52.6	1		03/19/19 23:20	108-67-8	
Vinyl chloride	<52.6	ug/kg	52.6	1		03/19/19 23:20	75-01-4	
Xylene (Total)	<105	ug/kg	105	1		03/19/19 23:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/19/19 23:20	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/19/19 23:20	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/19/19 23:20	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.3	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(5-6') **Lab ID:** 50219184007 **Collected:** 03/08/19 13:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	2510	ug/kg	585	5	03/19/19 09:50	03/22/19 12:42	7440-38-2	
Barium	29100	ug/kg	585	5	03/19/19 09:50	03/22/19 12:42	7440-39-3	
Cadmium	223	ug/kg	58.5	1	03/19/19 09:50	03/22/19 15:08	7440-43-9	
Chromium	11500	ug/kg	1170	5	03/19/19 09:50	03/22/19 12:42	7440-47-3	
Copper	13900	ug/kg	292	5	03/19/19 09:50	03/22/19 12:42	7440-50-8	
Lead	7800	ug/kg	117	1	03/19/19 09:50	03/22/19 15:08	7439-92-1	N2
Selenium	<585	ug/kg	585	5	03/19/19 09:50	03/22/19 12:42	7782-49-2	D3
Silver	<58.5	ug/kg	58.5	1	03/19/19 09:50	03/22/19 15:08	7440-22-4	
Zinc	40300	ug/kg	2920	5	03/19/19 09:50	03/22/19 12:42	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<234	ug/kg	234	1	03/20/19 23:30	03/21/19 09:39	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	83-32-9	
Acenaphthylene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	208-96-8	
Aniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	62-53-3	
Anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	120-12-7	
Atrazine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	1912-24-9	N2
Azobenzene	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	103-33-3	N2
Benidine	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	92-87-5	
Benzo(a)anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	56-55-3	
Benzo(a)pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	50-32-8	
Benzo(b)fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	205-99-2	
Benzo(g,h,i)perylene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	191-24-2	
Benzo(k)fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	207-08-9	
Benzoic acid	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	65-85-0	
Benzyl alcohol	<801	ug/kg	801	1	03/20/19 11:35	03/25/19 15:25	100-51-6	
4-Bromophenylphenyl ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	101-55-3	
Butylbenzylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	85-68-7	
Caprolactam	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	105-60-2	N2
Carbazole	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	86-74-8	
4-Chloro-3-methylphenol	<801	ug/kg	801	1	03/20/19 11:35	03/25/19 15:25	59-50-7	
bis(2-Chloroethoxy)methane	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	111-91-1	
bis(2-Chloroethyl) ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	111-44-4	
bis(2-Chloroisopropyl) ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	108-60-1	
2-Chloronaphthalene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	91-58-7	
2-Chlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	95-57-8	
4-Chlorophenylphenyl ether	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	7005-72-3	
Chrysene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	218-01-9	
Dibenz(a,h)anthracene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	53-70-3	
Dibenzofuran	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	132-64-9	
3,3'-Dichlorobenzidine	<801	ug/kg	801	1	03/20/19 11:35	03/25/19 15:25	91-94-1	
2,4-Dichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	120-83-2	
Diethylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(5-6') **Lab ID:** 50219184007 **Collected:** 03/08/19 13:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	105-67-9	
Dimethylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	131-11-3	
Di-n-butylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	84-74-2	
4,6-Dinitro-2-methylphenol	<801	ug/kg	801	1	03/20/19 11:35	03/25/19 15:25	534-52-1	
2,4-Dinitrophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	51-28-5	
2,4-Dinitrotoluene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	121-14-2	
2,6-Dinitrotoluene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	606-20-2	
Di-n-octylphthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	117-84-0	
bis(2-Ethylhexyl)phthalate	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	117-81-7	
Fluoranthene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	206-44-0	
Fluorene	567	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	86-73-7	
Hexachlorobenzene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	118-74-1	
Hexachlorocyclopentadiene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	77-47-4	
Hexachloroethane	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	67-72-1	
Indeno(1,2,3-cd)pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	193-39-5	
Isophorone	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	78-59-1	
2-Methylnaphthalene	429	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	91-57-6	
2-Methylphenol(o-Cresol)	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	<801	ug/kg	801	1	03/20/19 11:35	03/25/19 15:25		
2-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	88-74-4	
3-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	99-09-2	
4-Nitroaniline	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	100-01-6	
Nitrobenzene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	98-95-3	
2-Nitrophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	88-75-5	
4-Nitrophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	100-02-7	
N-Nitrosodimethylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	62-75-9	
N-Nitroso-di-n-propylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	621-64-7	
N-Nitrosodiphenylamine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	86-30-6	
Pentachlorophenol	<1940	ug/kg	1940	1	03/20/19 11:35	03/25/19 15:25	87-86-5	
Phenanthrene	1300	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	85-01-8	
Phenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	108-95-2	
Pyrene	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	129-00-0	
Pyridine	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	110-86-1	
2,4,5-Trichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	95-95-4	
2,4,6-Trichlorophenol	<400	ug/kg	400	1	03/20/19 11:35	03/25/19 15:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%	18-98	1	03/20/19 11:35	03/25/19 15:25	4165-60-0	
Phenol-d5 (S)	63	%	18-108	1	03/20/19 11:35	03/25/19 15:25	4165-62-2	
2-Fluorophenol (S)	65	%	16-104	1	03/20/19 11:35	03/25/19 15:25	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-114	1	03/20/19 11:35	03/25/19 15:25	118-79-6	
2-Fluorobiphenyl (S)	49	%	21-96	1	03/20/19 11:35	03/25/19 15:25	321-60-8	
p-Terphenyl-d14 (S)	64	%	29-124	1	03/20/19 11:35	03/25/19 15:25	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<982	ug/kg	982	1		03/19/19 23:52	67-64-1	
Acrylonitrile	<982	ug/kg	982	1		03/19/19 23:52	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(5-6') **Lab ID:** 50219184007 **Collected:** 03/08/19 13:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	71-43-2	
Bromobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	108-86-1	
Bromochloromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	74-97-5	
Bromodichloromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-27-4	
Bromoform	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-25-2	
Bromomethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	74-83-9	
2-Butanone (MEK)	<245	ug/kg	245	1		03/19/19 23:52	78-93-3	
tert-Butyl Alcohol	<491	ug/kg	491	1		03/19/19 23:52	75-65-0	L1
n-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	104-51-8	
sec-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	135-98-8	
tert-Butylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	98-06-6	
Carbon disulfide	<98.2	ug/kg	98.2	1		03/19/19 23:52	75-15-0	
Carbon tetrachloride	<49.1	ug/kg	49.1	1		03/19/19 23:52	56-23-5	
Chlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	108-90-7	
Chloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-00-3	
Chloroform	<49.1	ug/kg	49.1	1		03/19/19 23:52	67-66-3	
Chloromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	74-87-3	
2-Chlorotoluene	<49.1	ug/kg	49.1	1		03/19/19 23:52	95-49-8	
1,2-Dibromo-3-chloropropane	<98.2	ug/kg	98.2	1		03/19/19 23:52	96-12-8	
Dibromochloromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	124-48-1	
1,2-Dibromoethane (EDB)	<49.1	ug/kg	49.1	1		03/19/19 23:52	106-93-4	
Dibromomethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	74-95-3	
1,2-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	95-50-1	
1,3-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	541-73-1	
1,4-Dichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	106-46-7	
trans-1,4-Dichloro-2-butene	<982	ug/kg	982	1		03/19/19 23:52	110-57-6	
Dichlorodifluoromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-71-8	
1,1-Dichloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-34-3	
1,2-Dichloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	107-06-2	
1,1-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-35-4	
cis-1,2-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 23:52	156-59-2	
trans-1,2-Dichloroethene	<49.1	ug/kg	49.1	1		03/19/19 23:52	156-60-5	
1,2-Dichloropropane	<49.1	ug/kg	49.1	1		03/19/19 23:52	78-87-5	
cis-1,3-Dichloropropene	<49.1	ug/kg	49.1	1		03/19/19 23:52	10061-01-5	
trans-1,3-Dichloropropene	<49.1	ug/kg	49.1	1		03/19/19 23:52	10061-02-6	
Diethyl ether (Ethyl ether)	<49.1	ug/kg	49.1	1		03/19/19 23:52	60-29-7	
Ethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	100-41-4	
2-Hexanone	<982	ug/kg	982	1		03/19/19 23:52	591-78-6	
Iodomethane	<982	ug/kg	982	1		03/19/19 23:52	74-88-4	
Isopropylbenzene (Cumene)	<49.1	ug/kg	49.1	1		03/19/19 23:52	98-82-8	
p-Isopropyltoluene	<49.1	ug/kg	49.1	1		03/19/19 23:52	99-87-6	
Methylene Chloride	<196	ug/kg	196	1		03/19/19 23:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<245	ug/kg	245	1		03/19/19 23:52	108-10-1	
Methyl-tert-butyl ether	<49.1	ug/kg	49.1	1		03/19/19 23:52	1634-04-4	
Naphthalene	<49.1	ug/kg	49.1	1		03/19/19 23:52	91-20-3	
n-Propylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(5-6') **Lab ID:** 50219184007 **Collected:** 03/08/19 13:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<49.1	ug/kg	49.1	1		03/19/19 23:52	100-42-5	
1,1,1,2-Tetrachloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	630-20-6	
1,1,2,2-Tetrachloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	79-34-5	
Tetrachloroethene	<49.1	ug/kg	49.1	1		03/19/19 23:52	127-18-4	
Tetrahydrofuran	<982	ug/kg	982	1		03/19/19 23:52	109-99-9	
Toluene	<49.1	ug/kg	49.1	1		03/19/19 23:52	108-88-3	
1,2,3-Trichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	87-61-6	
1,2,4-Trichlorobenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	120-82-1	
1,1,1-Trichloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	71-55-6	
1,1,2-Trichloroethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	79-00-5	
Trichloroethene	<49.1	ug/kg	49.1	1		03/19/19 23:52	79-01-6	
Trichlorofluoromethane	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-69-4	
1,2,3-Trichloropropane	<49.1	ug/kg	49.1	1		03/19/19 23:52	96-18-4	
1,2,3-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	526-73-8	N2
1,2,4-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	95-63-6	
1,3,5-Trimethylbenzene	<49.1	ug/kg	49.1	1		03/19/19 23:52	108-67-8	
Vinyl chloride	<49.1	ug/kg	49.1	1		03/19/19 23:52	75-01-4	
Xylene (Total)	<98.2	ug/kg	98.2	1		03/19/19 23:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		03/19/19 23:52	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/19/19 23:52	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	56-144	1		03/19/19 23:52	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.8	%	0.10	1		03/18/19 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(12-13') Lab ID: 50219184008 Collected: 03/08/19 13:50 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	5020	ug/kg	1100	10	03/19/19 09:50	03/25/19 13:25	7440-38-2	
Barium	65600	ug/kg	552	5	03/19/19 09:50	03/22/19 12:46	7440-39-3	
Cadmium	164	ug/kg	55.2	1	03/19/19 09:50	03/22/19 15:22	7440-43-9	
Chromium	20200	ug/kg	1100	5	03/19/19 09:50	03/22/19 12:46	7440-47-3	
Copper	13100	ug/kg	276	5	03/19/19 09:50	03/22/19 12:46	7440-50-8	
Lead	8000	ug/kg	110	1	03/19/19 09:50	03/22/19 15:22	7439-92-1	N2
Selenium	<1100	ug/kg	1100	10	03/19/19 09:50	03/25/19 13:25	7782-49-2	D3
Silver	<55.2	ug/kg	55.2	1	03/19/19 09:50	03/22/19 15:22	7440-22-4	
Zinc	42700	ug/kg	2760	5	03/19/19 09:50	03/22/19 12:46	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<215	ug/kg	215	1	03/20/19 23:30	03/21/19 09:42	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	83-32-9	
Acenaphthylene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	208-96-8	
Aniline	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	62-53-3	
Anthracene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	120-12-7	
Atrazine	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	1912-24-9	N2
Azobenzene	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	103-33-3	N2
Benidine	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	92-87-5	
Benzo(a)anthracene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	56-55-3	
Benzo(a)pyrene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	50-32-8	
Benzo(b)fluoranthene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	205-99-2	
Benzo(g,h,i)perylene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	191-24-2	
Benzo(k)fluoranthene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	207-08-9	
Benzoic acid	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	65-85-0	
Benzyl alcohol	<754	ug/kg	754	1	03/20/19 11:35	03/25/19 15:41	100-51-6	
4-Bromophenylphenyl ether	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	101-55-3	
Butylbenzylphthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	85-68-7	
Caprolactam	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	105-60-2	N2
Carbazole	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	86-74-8	
4-Chloro-3-methylphenol	<754	ug/kg	754	1	03/20/19 11:35	03/25/19 15:41	59-50-7	
bis(2-Chloroethoxy)methane	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	111-91-1	
bis(2-Chloroethyl) ether	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	111-44-4	
bis(2-Chloroisopropyl) ether	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	108-60-1	
2-Chloronaphthalene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	91-58-7	
2-Chlorophenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	95-57-8	
4-Chlorophenylphenyl ether	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	7005-72-3	
Chrysene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	218-01-9	
Dibenz(a,h)anthracene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	53-70-3	
Dibenzofuran	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	132-64-9	
3,3'-Dichlorobenzidine	<754	ug/kg	754	1	03/20/19 11:35	03/25/19 15:41	91-94-1	
2,4-Dichlorophenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	120-83-2	
Diethylphthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(12-13') **Lab ID:** 50219184008 **Collected:** 03/08/19 13:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	105-67-9	
Dimethylphthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	131-11-3	
Di-n-butylphthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	84-74-2	
4,6-Dinitro-2-methylphenol	<754	ug/kg	754	1	03/20/19 11:35	03/25/19 15:41	534-52-1	
2,4-Dinitrophenol	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	51-28-5	
2,4-Dinitrotoluene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	121-14-2	
2,6-Dinitrotoluene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	606-20-2	
Di-n-octylphthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	117-84-0	
bis(2-Ethylhexyl)phthalate	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	117-81-7	
Fluoranthene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	206-44-0	
Fluorene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	86-73-7	
Hexachlorobenzene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	118-74-1	
Hexachlorocyclopentadiene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	77-47-4	
Hexachloroethane	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	67-72-1	
Indeno(1,2,3-cd)pyrene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	193-39-5	
Isophorone	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	78-59-1	
2-Methylnaphthalene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	91-57-6	
2-Methylphenol(o-Cresol)	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	<754	ug/kg	754	1	03/20/19 11:35	03/25/19 15:41		
2-Nitroaniline	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	88-74-4	
3-Nitroaniline	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	99-09-2	
4-Nitroaniline	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	100-01-6	
Nitrobenzene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	98-95-3	
2-Nitrophenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	88-75-5	
4-Nitrophenol	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	100-02-7	
N-Nitrosodimethylamine	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	62-75-9	
N-Nitroso-di-n-propylamine	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	621-64-7	
N-Nitrosodiphenylamine	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	86-30-6	
Pentachlorophenol	<1830	ug/kg	1830	1	03/20/19 11:35	03/25/19 15:41	87-86-5	
Phenanthrene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	85-01-8	
Phenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	108-95-2	
Pyrene	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	129-00-0	
Pyridine	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	110-86-1	
2,4,5-Trichlorophenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	95-95-4	
2,4,6-Trichlorophenol	<377	ug/kg	377	1	03/20/19 11:35	03/25/19 15:41	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	70	%.	18-98	1	03/20/19 11:35	03/25/19 15:41	4165-60-0	
Phenol-d5 (S)	72	%.	18-108	1	03/20/19 11:35	03/25/19 15:41	4165-62-2	
2-Fluorophenol (S)	71	%.	16-104	1	03/20/19 11:35	03/25/19 15:41	367-12-4	
2,4,6-Tribromophenol (S)	72	%.	10-114	1	03/20/19 11:35	03/25/19 15:41	118-79-6	
2-Fluorobiphenyl (S)	68	%.	21-96	1	03/20/19 11:35	03/25/19 15:41	321-60-8	
p-Terphenyl-d14 (S)	78	%.	29-124	1	03/20/19 11:35	03/25/19 15:41	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<857	ug/kg	857	1	03/20/19 00:25	67-64-1
Acrylonitrile	<857	ug/kg	857	1	03/20/19 00:25	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(12-13') Lab ID: 50219184008 Collected: 03/08/19 13:50 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	71-43-2	
Bromobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	108-86-1	
Bromochloromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	74-97-5	
Bromodichloromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-27-4	
Bromoform	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-25-2	
Bromomethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	74-83-9	
2-Butanone (MEK)	<214	ug/kg	214	1		03/20/19 00:25	78-93-3	
tert-Butyl Alcohol	<428	ug/kg	428	1		03/20/19 00:25	75-65-0	L1
n-Butylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	104-51-8	
sec-Butylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	135-98-8	
tert-Butylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	98-06-6	
Carbon disulfide	<85.7	ug/kg	85.7	1		03/20/19 00:25	75-15-0	
Carbon tetrachloride	<42.8	ug/kg	42.8	1		03/20/19 00:25	56-23-5	
Chlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	108-90-7	
Chloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-00-3	
Chloroform	<42.8	ug/kg	42.8	1		03/20/19 00:25	67-66-3	
Chloromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	74-87-3	
2-Chlorotoluene	<42.8	ug/kg	42.8	1		03/20/19 00:25	95-49-8	
1,2-Dibromo-3-chloropropane	<85.7	ug/kg	85.7	1		03/20/19 00:25	96-12-8	
Dibromochloromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	124-48-1	
1,2-Dibromoethane (EDB)	<42.8	ug/kg	42.8	1		03/20/19 00:25	106-93-4	
Dibromomethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	74-95-3	
1,2-Dichlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	95-50-1	
1,3-Dichlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	541-73-1	
1,4-Dichlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	106-46-7	
trans-1,4-Dichloro-2-butene	<857	ug/kg	857	1		03/20/19 00:25	110-57-6	
Dichlorodifluoromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-71-8	
1,1-Dichloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-34-3	
1,2-Dichloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	107-06-2	
1,1-Dichloroethene	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-35-4	
cis-1,2-Dichloroethene	<42.8	ug/kg	42.8	1		03/20/19 00:25	156-59-2	
trans-1,2-Dichloroethene	<42.8	ug/kg	42.8	1		03/20/19 00:25	156-60-5	
1,2-Dichloropropane	<42.8	ug/kg	42.8	1		03/20/19 00:25	78-87-5	
cis-1,3-Dichloropropene	<42.8	ug/kg	42.8	1		03/20/19 00:25	10061-01-5	
trans-1,3-Dichloropropene	<42.8	ug/kg	42.8	1		03/20/19 00:25	10061-02-6	
Diethyl ether (Ethyl ether)	<42.8	ug/kg	42.8	1		03/20/19 00:25	60-29-7	
Ethylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	100-41-4	
2-Hexanone	<857	ug/kg	857	1		03/20/19 00:25	591-78-6	
Iodomethane	<857	ug/kg	857	1		03/20/19 00:25	74-88-4	
Isopropylbenzene (Cumene)	<42.8	ug/kg	42.8	1		03/20/19 00:25	98-82-8	
p-Isopropyltoluene	<42.8	ug/kg	42.8	1		03/20/19 00:25	99-87-6	
Methylene Chloride	<171	ug/kg	171	1		03/20/19 00:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	<214	ug/kg	214	1		03/20/19 00:25	108-10-1	
Methyl-tert-butyl ether	<42.8	ug/kg	42.8	1		03/20/19 00:25	1634-04-4	
Naphthalene	<42.8	ug/kg	42.8	1		03/20/19 00:25	91-20-3	
n-Propylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-40(12-13) Lab ID: 50219184008 Collected: 03/08/19 13:50 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<42.8	ug/kg	42.8	1		03/20/19 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	79-34-5	
Tetrachloroethene	<42.8	ug/kg	42.8	1		03/20/19 00:25	127-18-4	
Tetrahydrofuran	<857	ug/kg	857	1		03/20/19 00:25	109-99-9	
Toluene	<42.8	ug/kg	42.8	1		03/20/19 00:25	108-88-3	
1,2,3-Trichlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	87-61-6	
1,2,4-Trichlorobenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	120-82-1	
1,1,1-Trichloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	71-55-6	
1,1,2-Trichloroethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	79-00-5	
Trichloroethene	<42.8	ug/kg	42.8	1		03/20/19 00:25	79-01-6	
Trichlorofluoromethane	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-69-4	
1,2,3-Trichloropropane	<42.8	ug/kg	42.8	1		03/20/19 00:25	96-18-4	
1,2,3-Trimethylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	526-73-8	N2
1,2,4-Trimethylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	95-63-6	
1,3,5-Trimethylbenzene	<42.8	ug/kg	42.8	1		03/20/19 00:25	108-67-8	
Vinyl chloride	<42.8	ug/kg	42.8	1		03/20/19 00:25	75-01-4	
Xylene (Total)	<85.7	ug/kg	85.7	1		03/20/19 00:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/20/19 00:25	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/20/19 00:25	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/20/19 00:25	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	12.8	%	0.10	1		03/18/19 13:18

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(1-2') **Lab ID:** 50219184009 **Collected:** 03/08/19 14:10 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	6130	ug/kg	539	5	03/19/19 09:50	03/22/19 12:51	7440-38-2	
Barium	151000	ug/kg	2160	20	03/19/19 09:50	03/25/19 12:30	7440-39-3	
Cadmium	4450	ug/kg	108	2	03/19/19 09:50	03/22/19 15:27	7440-43-9	
Chromium	232000	ug/kg	4310	20	03/19/19 09:50	03/25/19 12:30	7440-47-3	
Copper	123000	ug/kg	1080	20	03/19/19 09:50	03/25/19 12:30	7440-50-8	
Lead	99200	ug/kg	539	5	03/19/19 09:50	03/22/19 12:51	7439-92-1	N2
Selenium	1020	ug/kg	539	5	03/19/19 09:50	03/22/19 12:51	7782-49-2	
Silver	1240	ug/kg	108	2	03/19/19 09:50	03/22/19 15:27	7440-22-4	
Zinc	105000	ug/kg	2700	5	03/19/19 09:50	03/22/19 12:51	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<219	ug/kg	219	1	03/20/19 23:30	03/21/19 09:44	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	83-32-9	
Acenaphthylene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	208-96-8	
Aniline	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	62-53-3	
Anthracene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	120-12-7	
Atrazine	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	1912-24-9	N2
Azobenzene	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	103-33-3	N2
Benidine	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	92-87-5	
Benzo(a)anthracene	474	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	56-55-3	
Benzo(a)pyrene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	50-32-8	
Benzo(b)fluoranthene	456	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	205-99-2	
Benzo(g,h,i)perylene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	191-24-2	
Benzo(k)fluoranthene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	207-08-9	
Benzoic acid	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	65-85-0	
Benzyl alcohol	<732	ug/kg	732	1	03/20/19 11:35	03/27/19 08:46	100-51-6	
4-Bromophenylphenyl ether	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	101-55-3	
Butylbenzylphthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	85-68-7	
Caprolactam	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	105-60-2	N2
Carbazole	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	86-74-8	
4-Chloro-3-methylphenol	<732	ug/kg	732	1	03/20/19 11:35	03/27/19 08:46	59-50-7	
bis(2-Chloroethoxy)methane	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	111-91-1	
bis(2-Chloroethyl) ether	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	111-44-4	
bis(2-Chloroisopropyl) ether	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	108-60-1	
2-Chloronaphthalene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	91-58-7	
2-Chlorophenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	95-57-8	
4-Chlorophenylphenyl ether	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	7005-72-3	
Chrysene	418	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	218-01-9	
Dibenz(a,h)anthracene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	53-70-3	
Dibenzofuran	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	132-64-9	
3,3'-Dichlorobenzidine	<732	ug/kg	732	1	03/20/19 11:35	03/27/19 08:46	91-94-1	
2,4-Dichlorophenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	120-83-2	
Diethylphthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(1-2') **Lab ID:** 50219184009 **Collected:** 03/08/19 14:10 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
2,4-Dimethylphenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	105-67-9	
Dimethylphthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	131-11-3	
Di-n-butylphthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	84-74-2	
4,6-Dinitro-2-methylphenol	<732	ug/kg	732	1	03/20/19 11:35	03/27/19 08:46	534-52-1	
2,4-Dinitrophenol	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	51-28-5	
2,4-Dinitrotoluene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	121-14-2	
2,6-Dinitrotoluene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	606-20-2	
Di-n-octylphthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	117-84-0	
bis(2-Ethylhexyl)phthalate	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	117-81-7	
Fluoranthene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	206-44-0	
Fluorene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	86-73-7	
Hexachlorobenzene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	118-74-1	
Hexachlorocyclopentadiene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	77-47-4	
Hexachloroethane	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	67-72-1	
Indeno(1,2,3-cd)pyrene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	193-39-5	
Isophorone	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	78-59-1	
2-Methylnaphthalene	498	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	91-57-6	
2-Methylphenol(o-Cresol)	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	<732	ug/kg	732	1	03/20/19 11:35	03/27/19 08:46		
2-Nitroaniline	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	88-74-4	
3-Nitroaniline	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	99-09-2	
4-Nitroaniline	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	100-01-6	
Nitrobenzene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	98-95-3	
2-Nitrophenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	88-75-5	
4-Nitrophenol	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	100-02-7	
N-Nitrosodimethylamine	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	62-75-9	
N-Nitroso-di-n-propylamine	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	621-64-7	
N-Nitrosodiphenylamine	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	86-30-6	
Pentachlorophenol	<1780	ug/kg	1780	1	03/20/19 11:35	03/27/19 08:46	87-86-5	
Phenanthrene	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	85-01-8	
Phenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	108-95-2	
Pyrene	527	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	129-00-0	
Pyridine	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	110-86-1	
2,4,5-Trichlorophenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	95-95-4	
2,4,6-Trichlorophenol	<366	ug/kg	366	1	03/20/19 11:35	03/27/19 08:46	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%.	18-98	1	03/20/19 11:35	03/27/19 08:46	4165-60-0	
Phenol-d5 (S)	62	%.	18-108	1	03/20/19 11:35	03/27/19 08:46	4165-62-2	
2-Fluorophenol (S)	59	%.	16-104	1	03/20/19 11:35	03/27/19 08:46	367-12-4	
2,4,6-Tribromophenol (S)	49	%.	10-114	1	03/20/19 11:35	03/27/19 08:46	118-79-6	
2-Fluorobiphenyl (S)	60	%.	21-96	1	03/20/19 11:35	03/27/19 08:46	321-60-8	
p-Terphenyl-d14 (S)	62	%.	29-124	1	03/20/19 11:35	03/27/19 08:46	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1510	ug/kg	1510	1	03/20/19 00:57	67-64-1
Acrylonitrile	<1510	ug/kg	1510	1	03/20/19 00:57	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(1-2') Lab ID: 50219184009 Collected: 03/08/19 14:10 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	71-43-2	
Bromobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	108-86-1	
Bromochloromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	74-97-5	
Bromodichloromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-27-4	
Bromoform	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-25-2	
Bromomethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	74-83-9	
2-Butanone (MEK)	<377	ug/kg	377	1		03/20/19 00:57	78-93-3	
tert-Butyl Alcohol	<754	ug/kg	754	1		03/20/19 00:57	75-65-0	L1
n-Butylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	104-51-8	
sec-Butylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	135-98-8	
tert-Butylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	98-06-6	
Carbon disulfide	<151	ug/kg	151	1		03/20/19 00:57	75-15-0	
Carbon tetrachloride	<75.4	ug/kg	75.4	1		03/20/19 00:57	56-23-5	
Chlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	108-90-7	
Chloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-00-3	
Chloroform	<75.4	ug/kg	75.4	1		03/20/19 00:57	67-66-3	
Chloromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	74-87-3	
2-Chlorotoluene	<75.4	ug/kg	75.4	1		03/20/19 00:57	95-49-8	
1,2-Dibromo-3-chloropropane	<151	ug/kg	151	1		03/20/19 00:57	96-12-8	
Dibromochloromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	124-48-1	
1,2-Dibromoethane (EDB)	<75.4	ug/kg	75.4	1		03/20/19 00:57	106-93-4	
Dibromomethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	74-95-3	
1,2-Dichlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	95-50-1	
1,3-Dichlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	541-73-1	
1,4-Dichlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	106-46-7	
trans-1,4-Dichloro-2-butene	<1510	ug/kg	1510	1		03/20/19 00:57	110-57-6	
Dichlorodifluoromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-71-8	
1,1-Dichloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-34-3	
1,2-Dichloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	107-06-2	
1,1-Dichloroethene	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-35-4	
cis-1,2-Dichloroethene	<75.4	ug/kg	75.4	1		03/20/19 00:57	156-59-2	
trans-1,2-Dichloroethene	<75.4	ug/kg	75.4	1		03/20/19 00:57	156-60-5	
1,2-Dichloropropane	<75.4	ug/kg	75.4	1		03/20/19 00:57	78-87-5	
cis-1,3-Dichloropropene	<75.4	ug/kg	75.4	1		03/20/19 00:57	10061-01-5	
trans-1,3-Dichloropropene	<75.4	ug/kg	75.4	1		03/20/19 00:57	10061-02-6	
Diethyl ether (Ethyl ether)	<75.4	ug/kg	75.4	1		03/20/19 00:57	60-29-7	
Ethylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	100-41-4	
2-Hexanone	<1510	ug/kg	1510	1		03/20/19 00:57	591-78-6	
Iodomethane	<1510	ug/kg	1510	1		03/20/19 00:57	74-88-4	
Isopropylbenzene (Cumene)	<75.4	ug/kg	75.4	1		03/20/19 00:57	98-82-8	
p-Isopropyltoluene	<75.4	ug/kg	75.4	1		03/20/19 00:57	99-87-6	
Methylene Chloride	<302	ug/kg	302	1		03/20/19 00:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<377	ug/kg	377	1		03/20/19 00:57	108-10-1	
Methyl-tert-butyl ether	<75.4	ug/kg	75.4	1		03/20/19 00:57	1634-04-4	
Naphthalene	<75.4	ug/kg	75.4	1		03/20/19 00:57	91-20-3	
n-Propylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(1-2') Lab ID: 50219184009 Collected: 03/08/19 14:10 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<75.4	ug/kg	75.4	1		03/20/19 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	79-34-5	
Tetrachloroethene	<75.4	ug/kg	75.4	1		03/20/19 00:57	127-18-4	
Tetrahydrofuran	<1510	ug/kg	1510	1		03/20/19 00:57	109-99-9	
Toluene	<75.4	ug/kg	75.4	1		03/20/19 00:57	108-88-3	
1,2,3-Trichlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	87-61-6	
1,2,4-Trichlorobenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	120-82-1	
1,1,1-Trichloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	71-55-6	
1,1,2-Trichloroethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	79-00-5	
Trichloroethene	<75.4	ug/kg	75.4	1		03/20/19 00:57	79-01-6	
Trichlorofluoromethane	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-69-4	
1,2,3-Trichloropropane	<75.4	ug/kg	75.4	1		03/20/19 00:57	96-18-4	
1,2,3-Trimethylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	526-73-8	N2
1,2,4-Trimethylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	95-63-6	
1,3,5-Trimethylbenzene	<75.4	ug/kg	75.4	1		03/20/19 00:57	108-67-8	
Vinyl chloride	<75.4	ug/kg	75.4	1		03/20/19 00:57	75-01-4	
Xylene (Total)	<151	ug/kg	151	1		03/20/19 00:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/20/19 00:57	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/20/19 00:57	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	56-144	1		03/20/19 00:57	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	10.5	%	0.10	1		03/18/19 13:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(4-5') **Lab ID:** 50219184010 **Collected:** 03/08/19 14:20 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4170	ug/kg	602	5	03/19/19 09:50	03/22/19 12:55	7440-38-2	
Barium	37100	ug/kg	602	5	03/19/19 09:50	03/22/19 12:55	7440-39-3	
Cadmium	279	ug/kg	60.2	1	03/19/19 09:50	03/22/19 15:36	7440-43-9	
Chromium	8620	ug/kg	1200	5	03/19/19 09:50	03/22/19 12:55	7440-47-3	
Copper	9960	ug/kg	301	5	03/19/19 09:50	03/22/19 12:55	7440-50-8	
Lead	43700	ug/kg	602	5	03/19/19 09:50	03/22/19 12:55	7439-92-1	N2
Selenium	648	ug/kg	602	5	03/19/19 09:50	03/22/19 12:55	7782-49-2	
Silver	<60.2	ug/kg	60.2	1	03/19/19 09:50	03/22/19 15:36	7440-22-4	
Zinc	156000	ug/kg	6020	10	03/19/19 09:50	03/25/19 12:43	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<250	ug/kg	250	1	03/20/19 23:30	03/21/19 09:47	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	83-32-9	
Acenaphthylene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	208-96-8	
Aniline	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	62-53-3	
Anthracene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	120-12-7	R1
Atrazine	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	1912-24-9	N2
Azobenzene	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	103-33-3	N2
Benidine	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	92-87-5	
Benzo(a)anthracene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	56-55-3	R1
Benzo(a)pyrene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	50-32-8	R1
Benzo(b)fluoranthene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	205-99-2	R1
Benzo(g,h,i)perylene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	191-24-2	
Benzo(k)fluoranthene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	207-08-9	
Benzoic acid	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	65-85-0	
Benzyl alcohol	<820	ug/kg	820	1	03/20/19 11:35	03/26/19 11:57	100-51-6	
4-Bromophenylphenyl ether	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	101-55-3	
Butylbenzylphthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	85-68-7	
Caprolactam	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	105-60-2	N2
Carbazole	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	86-74-8	
4-Chloro-3-methylphenol	<820	ug/kg	820	1	03/20/19 11:35	03/26/19 11:57	59-50-7	
bis(2-Chloroethoxy)methane	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	111-91-1	
bis(2-Chloroethyl) ether	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	111-44-4	
bis(2-Chloroisopropyl) ether	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	108-60-1	
2-Chloronaphthalene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	91-58-7	
2-Chlorophenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	95-57-8	
4-Chlorophenylphenyl ether	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	7005-72-3	
Chrysene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	218-01-9	R1
Dibenz(a,h)anthracene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	53-70-3	
Dibenzofuran	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	132-64-9	
3,3'-Dichlorobenzidine	<820	ug/kg	820	1	03/20/19 11:35	03/26/19 11:57	91-94-1	
2,4-Dichlorophenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	120-83-2	
Diethylphthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(4-5') **Lab ID:** 50219184010 **Collected:** 03/08/19 14:20 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	105-67-9	
Dimethylphthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	131-11-3	
Di-n-butylphthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	84-74-2	
4,6-Dinitro-2-methylphenol	<820	ug/kg	820	1	03/20/19 11:35	03/26/19 11:57	534-52-1	
2,4-Dinitrophenol	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	51-28-5	
2,4-Dinitrotoluene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	121-14-2	
2,6-Dinitrotoluene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	606-20-2	
Di-n-octylphthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	117-84-0	
bis(2-Ethylhexyl)phthalate	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	117-81-7	
Fluoranthene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	206-44-0	R1
Fluorene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	86-73-7	
Hexachlorobenzene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	118-74-1	
Hexachlorocyclopentadiene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	77-47-4	
Hexachloroethane	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	67-72-1	
Indeno(1,2,3-cd)pyrene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	193-39-5	
Isophorone	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	78-59-1	
2-Methylnaphthalene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	91-57-6	
2-Methylphenol(o-Cresol)	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	<820	ug/kg	820	1	03/20/19 11:35	03/26/19 11:57		
2-Nitroaniline	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	88-74-4	
3-Nitroaniline	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	99-09-2	
4-Nitroaniline	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	100-01-6	
Nitrobenzene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	98-95-3	
2-Nitrophenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	88-75-5	
4-Nitrophenol	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	100-02-7	
N-Nitrosodimethylamine	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	62-75-9	
N-Nitroso-di-n-propylamine	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	621-64-7	
N-Nitrosodiphenylamine	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	86-30-6	
Pentachlorophenol	<1990	ug/kg	1990	1	03/20/19 11:35	03/26/19 11:57	87-86-5	
Phenanthrene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	85-01-8	R1
Phenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	108-95-2	
Pyrene	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	129-00-0	R1
Pyridine	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	110-86-1	
2,4,5-Trichlorophenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	95-95-4	
2,4,6-Trichlorophenol	<410	ug/kg	410	1	03/20/19 11:35	03/26/19 11:57	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%	18-98	1	03/20/19 11:35	03/26/19 11:57	4165-60-0	
Phenol-d5 (S)	66	%	18-108	1	03/20/19 11:35	03/26/19 11:57	4165-62-2	
2-Fluorophenol (S)	67	%	16-104	1	03/20/19 11:35	03/26/19 11:57	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-114	1	03/20/19 11:35	03/26/19 11:57	118-79-6	
2-Fluorobiphenyl (S)	65	%	21-96	1	03/20/19 11:35	03/26/19 11:57	321-60-8	
p-Terphenyl-d14 (S)	74	%	29-124	1	03/20/19 11:35	03/26/19 11:57	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1070	ug/kg	1070	1	03/20/19 01:30	67-64-1
Acrylonitrile	<1070	ug/kg	1070	1	03/20/19 01:30	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(4-5') Lab ID: 50219184010 Collected: 03/08/19 14:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	71-43-2	
Bromobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	108-86-1	
Bromochloromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	74-97-5	
Bromodichloromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-27-4	
Bromoform	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-25-2	
Bromomethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	74-83-9	
2-Butanone (MEK)	<267	ug/kg	267	1		03/20/19 01:30	78-93-3	
tert-Butyl Alcohol	<533	ug/kg	533	1		03/20/19 01:30	75-65-0	L1
n-Butylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	104-51-8	
sec-Butylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	135-98-8	
tert-Butylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	98-06-6	
Carbon disulfide	<107	ug/kg	107	1		03/20/19 01:30	75-15-0	
Carbon tetrachloride	<53.3	ug/kg	53.3	1		03/20/19 01:30	56-23-5	
Chlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	108-90-7	
Chloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-00-3	
Chloroform	<53.3	ug/kg	53.3	1		03/20/19 01:30	67-66-3	
Chloromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	74-87-3	
2-Chlorotoluene	<53.3	ug/kg	53.3	1		03/20/19 01:30	95-49-8	
1,2-Dibromo-3-chloropropane	<107	ug/kg	107	1		03/20/19 01:30	96-12-8	
Dibromochloromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	124-48-1	
1,2-Dibromoethane (EDB)	<53.3	ug/kg	53.3	1		03/20/19 01:30	106-93-4	
Dibromomethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	74-95-3	
1,2-Dichlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	95-50-1	
1,3-Dichlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	541-73-1	
1,4-Dichlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	106-46-7	
trans-1,4-Dichloro-2-butene	<1070	ug/kg	1070	1		03/20/19 01:30	110-57-6	
Dichlorodifluoromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-71-8	
1,1-Dichloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-34-3	
1,2-Dichloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	107-06-2	
1,1-Dichloroethene	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-35-4	
cis-1,2-Dichloroethene	<53.3	ug/kg	53.3	1		03/20/19 01:30	156-59-2	
trans-1,2-Dichloroethene	<53.3	ug/kg	53.3	1		03/20/19 01:30	156-60-5	
1,2-Dichloropropane	<53.3	ug/kg	53.3	1		03/20/19 01:30	78-87-5	
cis-1,3-Dichloropropene	<53.3	ug/kg	53.3	1		03/20/19 01:30	10061-01-5	
trans-1,3-Dichloropropene	<53.3	ug/kg	53.3	1		03/20/19 01:30	10061-02-6	
Diethyl ether (Ethyl ether)	<53.3	ug/kg	53.3	1		03/20/19 01:30	60-29-7	
Ethylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	100-41-4	
2-Hexanone	<1070	ug/kg	1070	1		03/20/19 01:30	591-78-6	
Iodomethane	<1070	ug/kg	1070	1		03/20/19 01:30	74-88-4	
Isopropylbenzene (Cumene)	<53.3	ug/kg	53.3	1		03/20/19 01:30	98-82-8	
p-Isopropyltoluene	<53.3	ug/kg	53.3	1		03/20/19 01:30	99-87-6	
Methylene Chloride	<213	ug/kg	213	1		03/20/19 01:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	<267	ug/kg	267	1		03/20/19 01:30	108-10-1	
Methyl-tert-butyl ether	<53.3	ug/kg	53.3	1		03/20/19 01:30	1634-04-4	
Naphthalene	<53.3	ug/kg	53.3	1		03/20/19 01:30	91-20-3	
n-Propylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-41(4-5') Lab ID: 50219184010 Collected: 03/08/19 14:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.3	ug/kg	53.3	1		03/20/19 01:30	100-42-5	
1,1,1,2-Tetrachloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	79-34-5	
Tetrachloroethene	<53.3	ug/kg	53.3	1		03/20/19 01:30	127-18-4	
Tetrahydrofuran	<1070	ug/kg	1070	1		03/20/19 01:30	109-99-9	
Toluene	<53.3	ug/kg	53.3	1		03/20/19 01:30	108-88-3	
1,2,3-Trichlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	87-61-6	
1,2,4-Trichlorobenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	120-82-1	
1,1,1-Trichloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	71-55-6	
1,1,2-Trichloroethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	79-00-5	
Trichloroethene	<53.3	ug/kg	53.3	1		03/20/19 01:30	79-01-6	
Trichlorofluoromethane	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-69-4	
1,2,3-Trichloropropane	<53.3	ug/kg	53.3	1		03/20/19 01:30	96-18-4	
1,2,3-Trimethylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	526-73-8	N2
1,2,4-Trimethylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	95-63-6	
1,3,5-Trimethylbenzene	<53.3	ug/kg	53.3	1		03/20/19 01:30	108-67-8	
Vinyl chloride	<53.3	ug/kg	53.3	1		03/20/19 01:30	75-01-4	
Xylene (Total)	<107	ug/kg	107	1		03/20/19 01:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/20/19 01:30	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/20/19 01:30	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	56-144	1		03/20/19 01:30	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	20.5	%	0.10	1		03/18/19 13:19

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(3-4') **Lab ID:** 50219184011 **Collected:** 03/08/19 14:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	4650	ug/kg	585	5	03/19/19 09:50	03/22/19 13:00	7440-38-2	
Barium	42900	ug/kg	585	5	03/19/19 09:50	03/22/19 13:00	7440-39-3	
Cadmium	302	ug/kg	58.5	1	03/19/19 09:50	03/22/19 15:50	7440-43-9	
Chromium	7520	ug/kg	1170	5	03/19/19 09:50	03/22/19 13:00	7440-47-3	
Copper	27200	ug/kg	293	5	03/19/19 09:50	03/22/19 13:00	7440-50-8	
Lead	48500	ug/kg	585	5	03/19/19 09:50	03/22/19 13:00	7439-92-1	N2
Selenium	637	ug/kg	585	5	03/19/19 09:50	03/22/19 13:00	7782-49-2	
Silver	<58.5	ug/kg	58.5	1	03/19/19 09:50	03/22/19 15:50	7440-22-4	
Zinc	67300	ug/kg	2930	5	03/19/19 09:50	03/22/19 13:00	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<230	ug/kg	230	1	03/20/19 23:30	03/21/19 09:49	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	83-32-9	
Acenaphthylene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	208-96-8	
Aniline	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	62-53-3	
Anthracene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	120-12-7	
Atrazine	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	1912-24-9	N2
Azobenzene	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	103-33-3	N2
Benzidine	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	92-87-5	
Benzo(a)anthracene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	56-55-3	
Benzo(a)pyrene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	50-32-8	
Benzo(b)fluoranthene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	205-99-2	
Benzo(g,h,i)perylene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	191-24-2	
Benzo(k)fluoranthene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	207-08-9	
Benzoic acid	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	65-85-0	
Benzyl alcohol	<783	ug/kg	783	1	03/20/19 11:35	03/25/19 14:13	100-51-6	
4-Bromophenylphenyl ether	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	101-55-3	
Butylbenzylphthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	85-68-7	
Caprolactam	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	105-60-2	N2
Carbazole	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	86-74-8	
4-Chloro-3-methylphenol	<783	ug/kg	783	1	03/20/19 11:35	03/25/19 14:13	59-50-7	
bis(2-Chloroethoxy)methane	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	111-91-1	
bis(2-Chloroethyl) ether	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	111-44-4	
bis(2-Chloroisopropyl) ether	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	108-60-1	
2-Chloronaphthalene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	91-58-7	
2-Chlorophenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	95-57-8	
4-Chlorophenylphenyl ether	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	7005-72-3	
Chrysene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	218-01-9	
Dibenz(a,h)anthracene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	53-70-3	
Dibenzofuran	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	132-64-9	
3,3'-Dichlorobenzidine	<783	ug/kg	783	1	03/20/19 11:35	03/25/19 14:13	91-94-1	
2,4-Dichlorophenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	120-83-2	
Diethylphthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(3-4') **Lab ID:** 50219184011 **Collected:** 03/08/19 14:45 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	105-67-9	
Dimethylphthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	131-11-3	
Di-n-butylphthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	84-74-2	
4,6-Dinitro-2-methylphenol	<783	ug/kg	783	1	03/20/19 11:35	03/25/19 14:13	534-52-1	
2,4-Dinitrophenol	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	51-28-5	
2,4-Dinitrotoluene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	121-14-2	
2,6-Dinitrotoluene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	606-20-2	
Di-n-octylphthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	117-84-0	
bis(2-Ethylhexyl)phthalate	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	117-81-7	
Fluoranthene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	206-44-0	
Fluorene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	86-73-7	
Hexachlorobenzene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	118-74-1	
Hexachlorocyclopentadiene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	77-47-4	
Hexachloroethane	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	67-72-1	
Indeno(1,2,3-cd)pyrene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	193-39-5	
Isophorone	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	78-59-1	
2-Methylnaphthalene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	91-57-6	
2-Methylphenol(o-Cresol)	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	<783	ug/kg	783	1	03/20/19 11:35	03/25/19 14:13		
2-Nitroaniline	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	88-74-4	
3-Nitroaniline	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	99-09-2	
4-Nitroaniline	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	100-01-6	
Nitrobenzene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	98-95-3	
2-Nitrophenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	88-75-5	
4-Nitrophenol	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	100-02-7	
N-Nitrosodimethylamine	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	62-75-9	
N-Nitroso-di-n-propylamine	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	621-64-7	
N-Nitrosodiphenylamine	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	86-30-6	
Pentachlorophenol	<1900	ug/kg	1900	1	03/20/19 11:35	03/25/19 14:13	87-86-5	
Phenanthrene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	85-01-8	
Phenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	108-95-2	
Pyrene	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	129-00-0	
Pyridine	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	110-86-1	
2,4,5-Trichlorophenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	95-95-4	
2,4,6-Trichlorophenol	<391	ug/kg	391	1	03/20/19 11:35	03/25/19 14:13	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	67	%.	18-98	1	03/20/19 11:35	03/25/19 14:13	4165-60-0	
Phenol-d5 (S)	78	%.	18-108	1	03/20/19 11:35	03/25/19 14:13	4165-62-2	
2-Fluorophenol (S)	76	%.	16-104	1	03/20/19 11:35	03/25/19 14:13	367-12-4	
2,4,6-Tribromophenol (S)	79	%.	10-114	1	03/20/19 11:35	03/25/19 14:13	118-79-6	
2-Fluorobiphenyl (S)	67	%.	21-96	1	03/20/19 11:35	03/25/19 14:13	321-60-8	
p-Terphenyl-d14 (S)	87	%.	29-124	1	03/20/19 11:35	03/25/19 14:13	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1060	ug/kg	1060	1	03/20/19 02:03	67-64-1
Acrylonitrile	<1060	ug/kg	1060	1	03/20/19 02:03	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(3-4') Lab ID: 50219184011 Collected: 03/08/19 14:45 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	71-43-2	
Bromobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	108-86-1	
Bromochloromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	74-97-5	
Bromodichloromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-27-4	
Bromoform	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-25-2	
Bromomethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	74-83-9	
2-Butanone (MEK)	<264	ug/kg	264	1		03/20/19 02:03	78-93-3	
tert-Butyl Alcohol	<529	ug/kg	529	1		03/20/19 02:03	75-65-0	L1
n-Butylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	104-51-8	
sec-Butylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	135-98-8	
tert-Butylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	98-06-6	
Carbon disulfide	<106	ug/kg	106	1		03/20/19 02:03	75-15-0	
Carbon tetrachloride	<52.9	ug/kg	52.9	1		03/20/19 02:03	56-23-5	
Chlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	108-90-7	
Chloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-00-3	
Chloroform	<52.9	ug/kg	52.9	1		03/20/19 02:03	67-66-3	
Chloromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	74-87-3	
2-Chlorotoluene	<52.9	ug/kg	52.9	1		03/20/19 02:03	95-49-8	
1,2-Dibromo-3-chloropropane	<106	ug/kg	106	1		03/20/19 02:03	96-12-8	
Dibromochloromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	124-48-1	
1,2-Dibromoethane (EDB)	<52.9	ug/kg	52.9	1		03/20/19 02:03	106-93-4	
Dibromomethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	74-95-3	
1,2-Dichlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	95-50-1	
1,3-Dichlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	541-73-1	
1,4-Dichlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	106-46-7	
trans-1,4-Dichloro-2-butene	<1060	ug/kg	1060	1		03/20/19 02:03	110-57-6	
Dichlorodifluoromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-71-8	
1,1-Dichloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-34-3	
1,2-Dichloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	107-06-2	
1,1-Dichloroethene	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-35-4	
cis-1,2-Dichloroethene	<52.9	ug/kg	52.9	1		03/20/19 02:03	156-59-2	
trans-1,2-Dichloroethene	<52.9	ug/kg	52.9	1		03/20/19 02:03	156-60-5	
1,2-Dichloropropane	<52.9	ug/kg	52.9	1		03/20/19 02:03	78-87-5	
cis-1,3-Dichloropropene	<52.9	ug/kg	52.9	1		03/20/19 02:03	10061-01-5	
trans-1,3-Dichloropropene	<52.9	ug/kg	52.9	1		03/20/19 02:03	10061-02-6	
Diethyl ether (Ethyl ether)	<52.9	ug/kg	52.9	1		03/20/19 02:03	60-29-7	
Ethylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	100-41-4	
2-Hexanone	<1060	ug/kg	1060	1		03/20/19 02:03	591-78-6	
Iodomethane	<1060	ug/kg	1060	1		03/20/19 02:03	74-88-4	
Isopropylbenzene (Cumene)	<52.9	ug/kg	52.9	1		03/20/19 02:03	98-82-8	
p-Isopropyltoluene	<52.9	ug/kg	52.9	1		03/20/19 02:03	99-87-6	
Methylene Chloride	<212	ug/kg	212	1		03/20/19 02:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	<264	ug/kg	264	1		03/20/19 02:03	108-10-1	
Methyl-tert-butyl ether	<52.9	ug/kg	52.9	1		03/20/19 02:03	1634-04-4	
Naphthalene	<52.9	ug/kg	52.9	1		03/20/19 02:03	91-20-3	
n-Propylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(3-4') Lab ID: 50219184011 Collected: 03/08/19 14:45 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<52.9	ug/kg	52.9	1		03/20/19 02:03	100-42-5	
1,1,1,2-Tetrachloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	630-20-6	
1,1,2,2-Tetrachloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	79-34-5	
Tetrachloroethene	<52.9	ug/kg	52.9	1		03/20/19 02:03	127-18-4	
Tetrahydrofuran	<1060	ug/kg	1060	1		03/20/19 02:03	109-99-9	
Toluene	<52.9	ug/kg	52.9	1		03/20/19 02:03	108-88-3	
1,2,3-Trichlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	87-61-6	
1,2,4-Trichlorobenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	120-82-1	
1,1,1-Trichloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	71-55-6	
1,1,2-Trichloroethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	79-00-5	
Trichloroethene	<52.9	ug/kg	52.9	1		03/20/19 02:03	79-01-6	
Trichlorofluoromethane	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-69-4	
1,2,3-Trichloropropane	<52.9	ug/kg	52.9	1		03/20/19 02:03	96-18-4	
1,2,3-Trimethylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	526-73-8	N2
1,2,4-Trimethylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	95-63-6	
1,3,5-Trimethylbenzene	<52.9	ug/kg	52.9	1		03/20/19 02:03	108-67-8	
Vinyl chloride	<52.9	ug/kg	52.9	1		03/20/19 02:03	75-01-4	
Xylene (Total)	<106	ug/kg	106	1		03/20/19 02:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/20/19 02:03	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/20/19 02:03	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/20/19 02:03	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.2	%	0.10	1		03/18/19 13:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(6-7') **Lab ID:** 50219184012 **Collected:** 03/08/19 14:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8670	ug/kg	1210	10	03/19/19 09:50	03/26/19 04:05	7440-38-2	
Barium	128000	ug/kg	1210	10	03/19/19 09:50	03/26/19 04:05	7440-39-3	
Cadmium	245	ug/kg	60.6	1	03/19/19 09:50	03/22/19 15:54	7440-43-9	
Chromium	23100	ug/kg	1210	5	03/19/19 09:50	03/22/19 13:14	7440-47-3	
Copper	20300	ug/kg	303	5	03/19/19 09:50	03/22/19 13:14	7440-50-8	
Lead	14100	ug/kg	121	1	03/19/19 09:50	03/22/19 15:54	7439-92-1	N2
Selenium	1580	ug/kg	1210	10	03/19/19 09:50	03/26/19 04:05	7782-49-2	
Silver	65.5	ug/kg	60.6	1	03/19/19 09:50	03/22/19 15:54	7440-22-4	
Zinc	59000	ug/kg	3030	5	03/19/19 09:50	03/22/19 13:14	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<237	ug/kg	237	1	03/20/19 23:30	03/21/19 09:52	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	83-32-9	
Acenaphthylene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	208-96-8	
Aniline	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	62-53-3	
Anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	120-12-7	
Atrazine	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	1912-24-9	N2
Azobenzene	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	103-33-3	N2
Benidine	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	92-87-5	
Benzo(a)anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	56-55-3	
Benzo(a)pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	50-32-8	
Benzo(b)fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	205-99-2	
Benzo(g,h,i)perylene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	191-24-2	
Benzo(k)fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	207-08-9	
Benzoic acid	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	65-85-0	
Benzyl alcohol	<818	ug/kg	818	1	03/20/19 11:35	03/25/19 14:28	100-51-6	
4-Bromophenylphenyl ether	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	101-55-3	
Butylbenzylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	85-68-7	
Caprolactam	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	105-60-2	N2
Carbazole	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	86-74-8	
4-Chloro-3-methylphenol	<818	ug/kg	818	1	03/20/19 11:35	03/25/19 14:28	59-50-7	
bis(2-Chloroethoxy)methane	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	111-91-1	
bis(2-Chloroethyl) ether	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	111-44-4	
bis(2-Chloroisopropyl) ether	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	108-60-1	
2-Chloronaphthalene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	91-58-7	
2-Chlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	95-57-8	
4-Chlorophenylphenyl ether	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	7005-72-3	
Chrysene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	218-01-9	
Dibenz(a,h)anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	53-70-3	
Dibenzofuran	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	132-64-9	
3,3'-Dichlorobenzidine	<818	ug/kg	818	1	03/20/19 11:35	03/25/19 14:28	91-94-1	
2,4-Dichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	120-83-2	
Diethylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(6-7') **Lab ID:** 50219184012 **Collected:** 03/08/19 14:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	105-67-9	
Dimethylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	131-11-3	
Di-n-butylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	84-74-2	
4,6-Dinitro-2-methylphenol	<818	ug/kg	818	1	03/20/19 11:35	03/25/19 14:28	534-52-1	
2,4-Dinitrophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	51-28-5	
2,4-Dinitrotoluene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	121-14-2	
2,6-Dinitrotoluene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	606-20-2	
Di-n-octylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	117-84-0	
bis(2-Ethylhexyl)phthalate	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	117-81-7	
Fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	206-44-0	
Fluorene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	86-73-7	
Hexachlorobenzene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	118-74-1	
Hexachlorocyclopentadiene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	77-47-4	
Hexachloroethane	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	67-72-1	
Indeno(1,2,3-cd)pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	193-39-5	
Isophorone	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	78-59-1	
2-Methylnaphthalene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	91-57-6	
2-Methylphenol(o-Cresol)	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	<818	ug/kg	818	1	03/20/19 11:35	03/25/19 14:28		
2-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	88-74-4	
3-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	99-09-2	
4-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	100-01-6	
Nitrobenzene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	98-95-3	
2-Nitrophenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	88-75-5	
4-Nitrophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	100-02-7	
N-Nitrosodimethylamine	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	62-75-9	
N-Nitroso-di-n-propylamine	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	621-64-7	
N-Nitrosodiphenylamine	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	86-30-6	
Pentachlorophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/25/19 14:28	87-86-5	
Phenanthrene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	85-01-8	
Phenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	108-95-2	
Pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	129-00-0	
Pyridine	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	110-86-1	
2,4,5-Trichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	95-95-4	
2,4,6-Trichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/25/19 14:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%.	18-98	1	03/20/19 11:35	03/25/19 14:28	4165-60-0	
Phenol-d5 (S)	67	%.	18-108	1	03/20/19 11:35	03/25/19 14:28	4165-62-2	
2-Fluorophenol (S)	65	%.	16-104	1	03/20/19 11:35	03/25/19 14:28	367-12-4	
2,4,6-Tribromophenol (S)	57	%.	10-114	1	03/20/19 11:35	03/25/19 14:28	118-79-6	
2-Fluorobiphenyl (S)	54	%.	21-96	1	03/20/19 11:35	03/25/19 14:28	321-60-8	
p-Terphenyl-d14 (S)	67	%.	29-124	1	03/20/19 11:35	03/25/19 14:28	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1080	ug/kg	1080	1	03/20/19 02:35	67-64-1
Acrylonitrile	<1080	ug/kg	1080	1	03/20/19 02:35	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(6-7') **Lab ID:** 50219184012 **Collected:** 03/08/19 14:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	71-43-2	
Bromobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	108-86-1	
Bromochloromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	74-97-5	
Bromodichloromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-27-4	
Bromoform	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-25-2	
Bromomethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	74-83-9	
2-Butanone (MEK)	<271	ug/kg	271	1		03/20/19 02:35	78-93-3	
tert-Butyl Alcohol	<542	ug/kg	542	1		03/20/19 02:35	75-65-0	L1
n-Butylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	104-51-8	
sec-Butylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	135-98-8	
tert-Butylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	98-06-6	
Carbon disulfide	<108	ug/kg	108	1		03/20/19 02:35	75-15-0	
Carbon tetrachloride	<54.2	ug/kg	54.2	1		03/20/19 02:35	56-23-5	
Chlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	108-90-7	
Chloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-00-3	
Chloroform	<54.2	ug/kg	54.2	1		03/20/19 02:35	67-66-3	
Chloromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	74-87-3	
2-Chlorotoluene	<54.2	ug/kg	54.2	1		03/20/19 02:35	95-49-8	
1,2-Dibromo-3-chloropropane	<108	ug/kg	108	1		03/20/19 02:35	96-12-8	
Dibromochloromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	124-48-1	
1,2-Dibromoethane (EDB)	<54.2	ug/kg	54.2	1		03/20/19 02:35	106-93-4	
Dibromomethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	74-95-3	
1,2-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	95-50-1	
1,3-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	541-73-1	
1,4-Dichlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	106-46-7	
trans-1,4-Dichloro-2-butene	<1080	ug/kg	1080	1		03/20/19 02:35	110-57-6	
Dichlorodifluoromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-71-8	
1,1-Dichloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-34-3	
1,2-Dichloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	107-06-2	
1,1-Dichloroethene	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-35-4	
cis-1,2-Dichloroethene	<54.2	ug/kg	54.2	1		03/20/19 02:35	156-59-2	
trans-1,2-Dichloroethene	<54.2	ug/kg	54.2	1		03/20/19 02:35	156-60-5	
1,2-Dichloropropane	<54.2	ug/kg	54.2	1		03/20/19 02:35	78-87-5	
cis-1,3-Dichloropropene	<54.2	ug/kg	54.2	1		03/20/19 02:35	10061-01-5	
trans-1,3-Dichloropropene	<54.2	ug/kg	54.2	1		03/20/19 02:35	10061-02-6	
Diethyl ether (Ethyl ether)	<54.2	ug/kg	54.2	1		03/20/19 02:35	60-29-7	
Ethylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	100-41-4	
2-Hexanone	<1080	ug/kg	1080	1		03/20/19 02:35	591-78-6	
Iodomethane	<1080	ug/kg	1080	1		03/20/19 02:35	74-88-4	
Isopropylbenzene (Cumene)	<54.2	ug/kg	54.2	1		03/20/19 02:35	98-82-8	
p-Isopropyltoluene	<54.2	ug/kg	54.2	1		03/20/19 02:35	99-87-6	
Methylene Chloride	<217	ug/kg	217	1		03/20/19 02:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<271	ug/kg	271	1		03/20/19 02:35	108-10-1	
Methyl-tert-butyl ether	<54.2	ug/kg	54.2	1		03/20/19 02:35	1634-04-4	
Naphthalene	<54.2	ug/kg	54.2	1		03/20/19 02:35	91-20-3	
n-Propylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-42(6-7') Lab ID: 50219184012 Collected: 03/08/19 14:50 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<54.2	ug/kg	54.2	1		03/20/19 02:35	100-42-5	
1,1,1,2-Tetrachloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	630-20-6	
1,1,2,2-Tetrachloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	79-34-5	
Tetrachloroethene	<54.2	ug/kg	54.2	1		03/20/19 02:35	127-18-4	
Tetrahydrofuran	<1080	ug/kg	1080	1		03/20/19 02:35	109-99-9	
Toluene	<54.2	ug/kg	54.2	1		03/20/19 02:35	108-88-3	
1,2,3-Trichlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	87-61-6	
1,2,4-Trichlorobenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	120-82-1	
1,1,1-Trichloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	71-55-6	
1,1,2-Trichloroethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	79-00-5	
Trichloroethene	<54.2	ug/kg	54.2	1		03/20/19 02:35	79-01-6	
Trichlorofluoromethane	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-69-4	
1,2,3-Trichloropropane	<54.2	ug/kg	54.2	1		03/20/19 02:35	96-18-4	
1,2,3-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	526-73-8	N2
1,2,4-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	95-63-6	
1,3,5-Trimethylbenzene	<54.2	ug/kg	54.2	1		03/20/19 02:35	108-67-8	
Vinyl chloride	<54.2	ug/kg	54.2	1		03/20/19 02:35	75-01-4	
Xylene (Total)	<108	ug/kg	108	1		03/20/19 02:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		03/20/19 02:35	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/20/19 02:35	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		03/20/19 02:35	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.5	%	0.10	1		03/18/19 13:19

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-43(1-2') **Lab ID:** 50219184013 **Collected:** 03/08/19 15:00 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3940	ug/kg	592	5	03/19/19 09:50	03/22/19 13:18	7440-38-2	
Barium	23600	ug/kg	592	5	03/19/19 09:50	03/22/19 13:18	7440-39-3	
Cadmium	114	ug/kg	59.2	1	03/19/19 09:50	03/22/19 16:03	7440-43-9	
Chromium	5990	ug/kg	1180	5	03/19/19 09:50	03/22/19 13:18	7440-47-3	
Copper	5350	ug/kg	296	5	03/19/19 09:50	03/22/19 13:18	7440-50-8	
Lead	7160	ug/kg	118	1	03/19/19 09:50	03/22/19 16:03	7439-92-1	N2
Selenium	<592	ug/kg	592	5	03/19/19 09:50	03/22/19 13:18	7782-49-2	D3
Silver	<59.2	ug/kg	59.2	1	03/19/19 09:50	03/22/19 16:03	7440-22-4	
Zinc	24100	ug/kg	2960	5	03/19/19 09:50	03/22/19 13:18	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<229	ug/kg	229	1	03/20/19 23:30	03/21/19 10:01	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	83-32-9	
Acenaphthylene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	208-96-8	
Aniline	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	62-53-3	
Anthracene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	120-12-7	
Atrazine	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	103-33-3	N2
Benidine	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	92-87-5	
Benzo(a)anthracene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	56-55-3	
Benzo(a)pyrene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	50-32-8	
Benzo(b)fluoranthene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	205-99-2	
Benzo(g,h,i)perylene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	191-24-2	
Benzo(k)fluoranthene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	65-85-0	
Benzyl alcohol	<794	ug/kg	794	1	03/20/19 11:35	03/25/19 14:44	100-51-6	
4-Bromophenylphenyl ether	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	101-55-3	
Butylbenzylphthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	85-68-7	
Caprolactam	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	105-60-2	N2
Carbazole	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	86-74-8	
4-Chloro-3-methylphenol	<794	ug/kg	794	1	03/20/19 11:35	03/25/19 14:44	59-50-7	
bis(2-Chloroethoxy)methane	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	111-91-1	
bis(2-Chloroethyl) ether	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	111-44-4	
bis(2-Chloroisopropyl) ether	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	108-60-1	
2-Chloronaphthalene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	91-58-7	
2-Chlorophenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	95-57-8	
4-Chlorophenylphenyl ether	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	7005-72-3	
Chrysene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	218-01-9	
Dibenz(a,h)anthracene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	53-70-3	
Dibenzofuran	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	132-64-9	
3,3'-Dichlorobenzidine	<794	ug/kg	794	1	03/20/19 11:35	03/25/19 14:44	91-94-1	
2,4-Dichlorophenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	120-83-2	
Diethylphthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-43(1-2') **Lab ID:** 50219184013 **Collected:** 03/08/19 15:00 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	105-67-9	
Dimethylphthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	131-11-3	
Di-n-butylphthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	84-74-2	
4,6-Dinitro-2-methylphenol	<794	ug/kg	794	1	03/20/19 11:35	03/25/19 14:44	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	51-28-5	
2,4-Dinitrotoluene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	121-14-2	
2,6-Dinitrotoluene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	606-20-2	
Di-n-octylphthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	117-84-0	
bis(2-Ethylhexyl)phthalate	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	117-81-7	
Fluoranthene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	206-44-0	
Fluorene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	86-73-7	
Hexachlorobenzene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	118-74-1	
Hexachlorocyclopentadiene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	77-47-4	
Hexachloroethane	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	67-72-1	
Indeno(1,2,3-cd)pyrene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	193-39-5	
Isophorone	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	78-59-1	
2-Methylnaphthalene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	91-57-6	
2-Methylphenol(o-Cresol)	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	<794	ug/kg	794	1	03/20/19 11:35	03/25/19 14:44		
2-Nitroaniline	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	88-74-4	
3-Nitroaniline	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	99-09-2	
4-Nitroaniline	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	100-01-6	
Nitrobenzene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	98-95-3	
2-Nitrophenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	100-02-7	
N-Nitrosodimethylamine	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	62-75-9	
N-Nitroso-di-n-propylamine	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	621-64-7	
N-Nitrosodiphenylamine	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 14:44	87-86-5	
Phenanthrene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	85-01-8	
Phenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	108-95-2	
Pyrene	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	129-00-0	
Pyridine	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	110-86-1	
2,4,5-Trichlorophenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	95-95-4	
2,4,6-Trichlorophenol	<397	ug/kg	397	1	03/20/19 11:35	03/25/19 14:44	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	18-98	1	03/20/19 11:35	03/25/19 14:44	4165-60-0	
Phenol-d5 (S)	70	%	18-108	1	03/20/19 11:35	03/25/19 14:44	4165-62-2	
2-Fluorophenol (S)	71	%	16-104	1	03/20/19 11:35	03/25/19 14:44	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-114	1	03/20/19 11:35	03/25/19 14:44	118-79-6	
2-Fluorobiphenyl (S)	64	%	21-96	1	03/20/19 11:35	03/25/19 14:44	321-60-8	
p-Terphenyl-d14 (S)	84	%	29-124	1	03/20/19 11:35	03/25/19 14:44	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1270	ug/kg	1270	1	03/20/19 03:08	67-64-1
Acrylonitrile	<1270	ug/kg	1270	1	03/20/19 03:08	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-43(1-2') Lab ID: 50219184013 Collected: 03/08/19 15:00 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	71-43-2	
Bromobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	108-86-1	
Bromochloromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	74-97-5	
Bromodichloromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-27-4	
Bromoform	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-25-2	
Bromomethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	74-83-9	
2-Butanone (MEK)	<317	ug/kg	317	1		03/20/19 03:08	78-93-3	
tert-Butyl Alcohol	<634	ug/kg	634	1		03/20/19 03:08	75-65-0	L1
n-Butylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	104-51-8	
sec-Butylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	135-98-8	
tert-Butylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	98-06-6	
Carbon disulfide	<127	ug/kg	127	1		03/20/19 03:08	75-15-0	
Carbon tetrachloride	<63.4	ug/kg	63.4	1		03/20/19 03:08	56-23-5	
Chlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	108-90-7	
Chloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-00-3	
Chloroform	<63.4	ug/kg	63.4	1		03/20/19 03:08	67-66-3	
Chloromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	74-87-3	
2-Chlorotoluene	<63.4	ug/kg	63.4	1		03/20/19 03:08	95-49-8	
1,2-Dibromo-3-chloropropane	<127	ug/kg	127	1		03/20/19 03:08	96-12-8	
Dibromochloromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	124-48-1	
1,2-Dibromoethane (EDB)	<63.4	ug/kg	63.4	1		03/20/19 03:08	106-93-4	
Dibromomethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	74-95-3	
1,2-Dichlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	95-50-1	
1,3-Dichlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	541-73-1	
1,4-Dichlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	106-46-7	
trans-1,4-Dichloro-2-butene	<1270	ug/kg	1270	1		03/20/19 03:08	110-57-6	
Dichlorodifluoromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-71-8	
1,1-Dichloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-34-3	
1,2-Dichloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	107-06-2	
1,1-Dichloroethene	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-35-4	
cis-1,2-Dichloroethene	<63.4	ug/kg	63.4	1		03/20/19 03:08	156-59-2	
trans-1,2-Dichloroethene	<63.4	ug/kg	63.4	1		03/20/19 03:08	156-60-5	
1,2-Dichloropropane	<63.4	ug/kg	63.4	1		03/20/19 03:08	78-87-5	
cis-1,3-Dichloropropene	<63.4	ug/kg	63.4	1		03/20/19 03:08	10061-01-5	
trans-1,3-Dichloropropene	<63.4	ug/kg	63.4	1		03/20/19 03:08	10061-02-6	
Diethyl ether (Ethyl ether)	<63.4	ug/kg	63.4	1		03/20/19 03:08	60-29-7	
Ethylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	100-41-4	
2-Hexanone	<1270	ug/kg	1270	1		03/20/19 03:08	591-78-6	
Iodomethane	<1270	ug/kg	1270	1		03/20/19 03:08	74-88-4	
Isopropylbenzene (Cumene)	<63.4	ug/kg	63.4	1		03/20/19 03:08	98-82-8	
p-Isopropyltoluene	<63.4	ug/kg	63.4	1		03/20/19 03:08	99-87-6	
Methylene Chloride	<254	ug/kg	254	1		03/20/19 03:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	<317	ug/kg	317	1		03/20/19 03:08	108-10-1	
Methyl-tert-butyl ether	<63.4	ug/kg	63.4	1		03/20/19 03:08	1634-04-4	
Naphthalene	<63.4	ug/kg	63.4	1		03/20/19 03:08	91-20-3	
n-Propylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-43(1-2') Lab ID: 50219184013 Collected: 03/08/19 15:00 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<63.4	ug/kg	63.4	1		03/20/19 03:08	100-42-5	
1,1,1,2-Tetrachloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	630-20-6	
1,1,2,2-Tetrachloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	79-34-5	
Tetrachloroethene	<63.4	ug/kg	63.4	1		03/20/19 03:08	127-18-4	
Tetrahydrofuran	<1270	ug/kg	1270	1		03/20/19 03:08	109-99-9	
Toluene	<63.4	ug/kg	63.4	1		03/20/19 03:08	108-88-3	
1,2,3-Trichlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	87-61-6	
1,2,4-Trichlorobenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	120-82-1	
1,1,1-Trichloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	71-55-6	
1,1,2-Trichloroethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	79-00-5	
Trichloroethene	<63.4	ug/kg	63.4	1		03/20/19 03:08	79-01-6	
Trichlorofluoromethane	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-69-4	
1,2,3-Trichloropropane	<63.4	ug/kg	63.4	1		03/20/19 03:08	96-18-4	
1,2,3-Trimethylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	526-73-8	N2
1,2,4-Trimethylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	95-63-6	
1,3,5-Trimethylbenzene	<63.4	ug/kg	63.4	1		03/20/19 03:08	108-67-8	
Vinyl chloride	<63.4	ug/kg	63.4	1		03/20/19 03:08	75-01-4	
Xylene (Total)	<127	ug/kg	127	1		03/20/19 03:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		03/20/19 03:08	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		03/20/19 03:08	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	56-144	1		03/20/19 03:08	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.5	%	0.10	1		03/18/19 13:19

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(7-8') **Lab ID:** 50219184014 **Collected:** 03/08/19 15:20 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	3200	ug/kg	556	5	03/19/19 09:50	03/22/19 13:23	7440-38-2	
Barium	26200	ug/kg	556	5	03/19/19 09:50	03/22/19 13:23	7440-39-3	
Cadmium	1570	ug/kg	55.6	1	03/19/19 09:50	03/22/19 16:17	7440-43-9	
Chromium	6790	ug/kg	1110	5	03/19/19 09:50	03/22/19 13:23	7440-47-3	
Copper	9350	ug/kg	278	5	03/19/19 09:50	03/22/19 13:23	7440-50-8	
Lead	69500	ug/kg	556	5	03/19/19 09:50	03/22/19 13:23	7439-92-1	N2
Selenium	<556	ug/kg	556	5	03/19/19 09:50	03/22/19 13:23	7782-49-2	D3
Silver	<55.6	ug/kg	55.6	1	03/19/19 09:50	03/22/19 16:17	7440-22-4	
Zinc	74100	ug/kg	2780	5	03/19/19 09:50	03/22/19 13:23	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<254	ug/kg	254	1	03/20/19 23:30	03/21/19 10:04	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	83-32-9	
Acenaphthylene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	208-96-8	
Aniline	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	62-53-3	
Anthracene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	120-12-7	
Atrazine	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	1912-24-9	N2
Azobenzene	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	103-33-3	N2
Benzidine	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	92-87-5	
Benzo(a)anthracene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	56-55-3	
Benzo(a)pyrene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	50-32-8	
Benzo(b)fluoranthene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	205-99-2	
Benzo(g,h,i)perylene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	191-24-2	
Benzo(k)fluoranthene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	207-08-9	
Benzoic acid	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	65-85-0	
Benzyl alcohol	<796	ug/kg	796	1	03/20/19 11:35	03/25/19 15:00	100-51-6	
4-Bromophenylphenyl ether	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	101-55-3	
Butylbenzylphthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	85-68-7	
Caprolactam	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	105-60-2	N2
Carbazole	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	86-74-8	
4-Chloro-3-methylphenol	<796	ug/kg	796	1	03/20/19 11:35	03/25/19 15:00	59-50-7	
bis(2-Chloroethoxy)methane	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	111-91-1	
bis(2-Chloroethyl) ether	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	111-44-4	
bis(2-Chloroisopropyl) ether	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	108-60-1	
2-Chloronaphthalene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	91-58-7	
2-Chlorophenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	95-57-8	
4-Chlorophenylphenyl ether	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	7005-72-3	
Chrysene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	218-01-9	
Dibenz(a,h)anthracene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	53-70-3	
Dibenzofuran	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	132-64-9	
3,3'-Dichlorobenzidine	<796	ug/kg	796	1	03/20/19 11:35	03/25/19 15:00	91-94-1	
2,4-Dichlorophenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	120-83-2	
Diethylphthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(7-8') Lab ID: 50219184014 Collected: 03/08/19 15:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	105-67-9	
Dimethylphthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	131-11-3	
Di-n-butylphthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	84-74-2	
4,6-Dinitro-2-methylphenol	<796	ug/kg	796	1	03/20/19 11:35	03/25/19 15:00	534-52-1	
2,4-Dinitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	51-28-5	
2,4-Dinitrotoluene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	121-14-2	
2,6-Dinitrotoluene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	606-20-2	
Di-n-octylphthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	117-84-0	
bis(2-Ethylhexyl)phthalate	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	117-81-7	
Fluoranthene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	206-44-0	
Fluorene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	86-73-7	
Hexachlorobenzene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	118-74-1	
Hexachlorocyclopentadiene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	77-47-4	
Hexachloroethane	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	67-72-1	
Indeno(1,2,3-cd)pyrene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	193-39-5	
Isophorone	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	78-59-1	
2-Methylnaphthalene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	91-57-6	
2-Methylphenol(o-Cresol)	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	<796	ug/kg	796	1	03/20/19 11:35	03/25/19 15:00		
2-Nitroaniline	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	88-74-4	
3-Nitroaniline	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	99-09-2	
4-Nitroaniline	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	100-01-6	
Nitrobenzene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	98-95-3	
2-Nitrophenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	88-75-5	
4-Nitrophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	100-02-7	
N-Nitrosodimethylamine	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	62-75-9	
N-Nitroso-di-n-propylamine	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	621-64-7	
N-Nitrosodiphenylamine	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	86-30-6	
Pentachlorophenol	<1930	ug/kg	1930	1	03/20/19 11:35	03/25/19 15:00	87-86-5	
Phenanthrene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	85-01-8	
Phenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	108-95-2	
Pyrene	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	129-00-0	
Pyridine	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	110-86-1	
2,4,5-Trichlorophenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	95-95-4	
2,4,6-Trichlorophenol	<398	ug/kg	398	1	03/20/19 11:35	03/25/19 15:00	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	18-98	1	03/20/19 11:35	03/25/19 15:00	4165-60-0	
Phenol-d5 (S)	63	%	18-108	1	03/20/19 11:35	03/25/19 15:00	4165-62-2	
2-Fluorophenol (S)	67	%	16-104	1	03/20/19 11:35	03/25/19 15:00	367-12-4	
2,4,6-Tribromophenol (S)	58	%	10-114	1	03/20/19 11:35	03/25/19 15:00	118-79-6	
2-Fluorobiphenyl (S)	61	%	21-96	1	03/20/19 11:35	03/25/19 15:00	321-60-8	
p-Terphenyl-d14 (S)	53	%	29-124	1	03/20/19 11:35	03/25/19 15:00	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1070	ug/kg	1070	1	03/20/19 03:40	67-64-1
Acrylonitrile	<1070	ug/kg	1070	1	03/20/19 03:40	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(7-8') Lab ID: 50219184014 Collected: 03/08/19 15:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	71-43-2	
Bromobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	108-86-1	
Bromochloromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	74-97-5	
Bromodichloromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-27-4	
Bromoform	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-25-2	
Bromomethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	74-83-9	
2-Butanone (MEK)	<267	ug/kg	267	1		03/20/19 03:40	78-93-3	
tert-Butyl Alcohol	<534	ug/kg	534	1		03/20/19 03:40	75-65-0	L1
n-Butylbenzene	68.6	ug/kg	53.4	1		03/20/19 03:40	104-51-8	
sec-Butylbenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	135-98-8	
tert-Butylbenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	98-06-6	
Carbon disulfide	<107	ug/kg	107	1		03/20/19 03:40	75-15-0	
Carbon tetrachloride	<53.4	ug/kg	53.4	1		03/20/19 03:40	56-23-5	
Chlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	108-90-7	
Chloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-00-3	
Chloroform	<53.4	ug/kg	53.4	1		03/20/19 03:40	67-66-3	
Chloromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	74-87-3	
2-Chlorotoluene	<53.4	ug/kg	53.4	1		03/20/19 03:40	95-49-8	
1,2-Dibromo-3-chloropropane	<107	ug/kg	107	1		03/20/19 03:40	96-12-8	
Dibromochloromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	124-48-1	
1,2-Dibromoethane (EDB)	<53.4	ug/kg	53.4	1		03/20/19 03:40	106-93-4	
Dibromomethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	74-95-3	
1,2-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	95-50-1	
1,3-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	541-73-1	
1,4-Dichlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	106-46-7	
trans-1,4-Dichloro-2-butene	<1070	ug/kg	1070	1		03/20/19 03:40	110-57-6	
Dichlorodifluoromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-71-8	
1,1-Dichloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-34-3	
1,2-Dichloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	107-06-2	
1,1-Dichloroethene	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-35-4	
cis-1,2-Dichloroethene	<53.4	ug/kg	53.4	1		03/20/19 03:40	156-59-2	
trans-1,2-Dichloroethene	<53.4	ug/kg	53.4	1		03/20/19 03:40	156-60-5	
1,2-Dichloropropane	<53.4	ug/kg	53.4	1		03/20/19 03:40	78-87-5	
cis-1,3-Dichloropropene	<53.4	ug/kg	53.4	1		03/20/19 03:40	10061-01-5	
trans-1,3-Dichloropropene	<53.4	ug/kg	53.4	1		03/20/19 03:40	10061-02-6	
Diethyl ether (Ethyl ether)	<53.4	ug/kg	53.4	1		03/20/19 03:40	60-29-7	
Ethylbenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	100-41-4	
2-Hexanone	<1070	ug/kg	1070	1		03/20/19 03:40	591-78-6	
Iodomethane	<1070	ug/kg	1070	1		03/20/19 03:40	74-88-4	
Isopropylbenzene (Cumene)	<53.4	ug/kg	53.4	1		03/20/19 03:40	98-82-8	
p-Isopropyltoluene	<53.4	ug/kg	53.4	1		03/20/19 03:40	99-87-6	
Methylene Chloride	<214	ug/kg	214	1		03/20/19 03:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<267	ug/kg	267	1		03/20/19 03:40	108-10-1	
Methyl-tert-butyl ether	<53.4	ug/kg	53.4	1		03/20/19 03:40	1634-04-4	
Naphthalene	<53.4	ug/kg	53.4	1		03/20/19 03:40	91-20-3	
n-Propylbenzene	69.1	ug/kg	53.4	1		03/20/19 03:40	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(7-8') Lab ID: 50219184014 Collected: 03/08/19 15:20 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<53.4	ug/kg	53.4	1		03/20/19 03:40	100-42-5	
1,1,1,2-Tetrachloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	630-20-6	
1,1,2,2-Tetrachloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	79-34-5	
Tetrachloroethene	<53.4	ug/kg	53.4	1		03/20/19 03:40	127-18-4	
Tetrahydrofuran	<1070	ug/kg	1070	1		03/20/19 03:40	109-99-9	
Toluene	<53.4	ug/kg	53.4	1		03/20/19 03:40	108-88-3	
1,2,3-Trichlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	87-61-6	
1,2,4-Trichlorobenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	120-82-1	
1,1,1-Trichloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	71-55-6	
1,1,2-Trichloroethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	79-00-5	
Trichloroethene	<53.4	ug/kg	53.4	1		03/20/19 03:40	79-01-6	
Trichlorofluoromethane	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-69-4	
1,2,3-Trichloropropane	<53.4	ug/kg	53.4	1		03/20/19 03:40	96-18-4	
1,2,3-Trimethylbenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	526-73-8	N2
1,2,4-Trimethylbenzene	235	ug/kg	53.4	1		03/20/19 03:40	95-63-6	
1,3,5-Trimethylbenzene	<53.4	ug/kg	53.4	1		03/20/19 03:40	108-67-8	
Vinyl chloride	<53.4	ug/kg	53.4	1		03/20/19 03:40	75-01-4	
Xylene (Total)	<107	ug/kg	107	1		03/20/19 03:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/20/19 03:40	1868-53-7	
Toluene-d8 (S)	105	%.	71-128	1		03/20/19 03:40	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	56-144	1		03/20/19 03:40	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	17.7	%	0.10	1		03/18/19 13:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(9-10') **Lab ID:** 50219184015 **Collected:** 03/08/19 15:25 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050B								
Arsenic	8620	ug/kg	2320	20	03/19/19 09:50	03/26/19 03:51	7440-38-2	
Barium	112000	ug/kg	581	5	03/19/19 09:50	03/22/19 13:28	7440-39-3	
Cadmium	138	ug/kg	58.1	1	03/19/19 09:50	03/22/19 16:22	7440-43-9	
Chromium	24100	ug/kg	1160	5	03/19/19 09:50	03/22/19 13:28	7440-47-3	
Copper	22600	ug/kg	290	5	03/19/19 09:50	03/22/19 13:28	7440-50-8	
Lead	13400	ug/kg	116	1	03/19/19 09:50	03/22/19 16:22	7439-92-1	N2
Selenium	<2320	ug/kg	2320	20	03/19/19 09:50	03/26/19 03:51	7782-49-2	D3
Silver	63.0	ug/kg	58.1	1	03/19/19 09:50	03/22/19 16:22	7440-22-4	
Zinc	59700	ug/kg	2900	5	03/19/19 09:50	03/22/19 13:28	7440-66-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	<243	ug/kg	243	1	03/20/19 23:30	03/21/19 10:06	7439-97-6	
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	83-32-9	
Acenaphthylene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	208-96-8	
Aniline	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	62-53-3	
Anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	120-12-7	
Atrazine	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	1912-24-9	N2
Azobenzene	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	103-33-3	N2
Benidine	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	92-87-5	
Benzo(a)anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	56-55-3	
Benzo(a)pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	50-32-8	
Benzo(b)fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	205-99-2	
Benzo(g,h,i)perylene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	191-24-2	
Benzo(k)fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	207-08-9	
Benzoic acid	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	65-85-0	
Benzyl alcohol	<818	ug/kg	818	1	03/20/19 11:35	03/26/19 11:25	100-51-6	
4-Bromophenylphenyl ether	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	101-55-3	
Butylbenzylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	85-68-7	
Caprolactam	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	105-60-2	N2
Carbazole	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	86-74-8	
4-Chloro-3-methylphenol	<818	ug/kg	818	1	03/20/19 11:35	03/26/19 11:25	59-50-7	
bis(2-Chloroethoxy)methane	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	111-91-1	
bis(2-Chloroethyl) ether	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	111-44-4	
bis(2-Chloroisopropyl) ether	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	108-60-1	
2-Chloronaphthalene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	91-58-7	
2-Chlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	95-57-8	
4-Chlorophenylphenyl ether	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	7005-72-3	
Chrysene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	218-01-9	
Dibenz(a,h)anthracene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	53-70-3	
Dibenzofuran	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	132-64-9	
3,3'-Dichlorobenzidine	<818	ug/kg	818	1	03/20/19 11:35	03/26/19 11:25	91-94-1	
2,4-Dichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	120-83-2	
Diethylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	84-66-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(9-10') Lab ID: 50219184015 Collected: 03/08/19 15:25 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 SVOC SS Soil Analytical Method: EPA 8270 Preparation Method: EPA 3546								
2,4-Dimethylphenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	105-67-9	
Dimethylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	131-11-3	
Di-n-butylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	84-74-2	
4,6-Dinitro-2-methylphenol	<818	ug/kg	818	1	03/20/19 11:35	03/26/19 11:25	534-52-1	
2,4-Dinitrophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	51-28-5	
2,4-Dinitrotoluene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	121-14-2	
2,6-Dinitrotoluene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	606-20-2	
Di-n-octylphthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	117-84-0	
bis(2-Ethylhexyl)phthalate	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	117-81-7	
Fluoranthene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	206-44-0	
Fluorene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	86-73-7	
Hexachlorobenzene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	118-74-1	
Hexachlorocyclopentadiene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	77-47-4	
Hexachloroethane	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	67-72-1	
Indeno(1,2,3-cd)pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	193-39-5	
Isophorone	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	78-59-1	
2-Methylnaphthalene	505	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	91-57-6	
2-Methylphenol(o-Cresol)	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	<818	ug/kg	818	1	03/20/19 11:35	03/26/19 11:25		
2-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	88-74-4	
3-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	99-09-2	
4-Nitroaniline	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	100-01-6	
Nitrobenzene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	98-95-3	
2-Nitrophenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	88-75-5	
4-Nitrophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	100-02-7	
N-Nitrosodimethylamine	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	62-75-9	
N-Nitroso-di-n-propylamine	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	621-64-7	
N-Nitrosodiphenylamine	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	86-30-6	
Pentachlorophenol	<1980	ug/kg	1980	1	03/20/19 11:35	03/26/19 11:25	87-86-5	
Phenanthrene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	85-01-8	
Phenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	108-95-2	
Pyrene	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	129-00-0	
Pyridine	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	110-86-1	
2,4,5-Trichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	95-95-4	
2,4,6-Trichlorophenol	<409	ug/kg	409	1	03/20/19 11:35	03/26/19 11:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	55	%	18-98	1	03/20/19 11:35	03/26/19 11:25	4165-60-0	
Phenol-d5 (S)	57	%	18-108	1	03/20/19 11:35	03/26/19 11:25	4165-62-2	
2-Fluorophenol (S)	59	%	16-104	1	03/20/19 11:35	03/26/19 11:25	367-12-4	
2,4,6-Tribromophenol (S)	55	%	10-114	1	03/20/19 11:35	03/26/19 11:25	118-79-6	
2-Fluorobiphenyl (S)	42	%	21-96	1	03/20/19 11:35	03/26/19 11:25	321-60-8	
p-Terphenyl-d14 (S)	34	%	29-124	1	03/20/19 11:35	03/26/19 11:25	1718-51-0	

8260MSV 5035S Med Level

Analytical Method: EPA 8260

Acetone	<1220	ug/kg	1220	1	03/20/19 04:13	67-64-1
Acrylonitrile	<1220	ug/kg	1220	1	03/20/19 04:13	107-13-1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(9-10') Lab ID: 50219184015 Collected: 03/08/19 15:25 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Benzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	71-43-2	
Bromobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	108-86-1	
Bromochloromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	74-97-5	
Bromodichloromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-27-4	
Bromoform	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-25-2	
Bromomethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	74-83-9	
2-Butanone (MEK)	<305	ug/kg	305	1		03/20/19 04:13	78-93-3	
tert-Butyl Alcohol	<611	ug/kg	611	1		03/20/19 04:13	75-65-0	L1
n-Butylbenzene	98.5	ug/kg	61.1	1		03/20/19 04:13	104-51-8	
sec-Butylbenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	135-98-8	
tert-Butylbenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	98-06-6	
Carbon disulfide	<122	ug/kg	122	1		03/20/19 04:13	75-15-0	
Carbon tetrachloride	<61.1	ug/kg	61.1	1		03/20/19 04:13	56-23-5	
Chlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	108-90-7	
Chloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-00-3	
Chloroform	<61.1	ug/kg	61.1	1		03/20/19 04:13	67-66-3	
Chloromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	74-87-3	
2-Chlorotoluene	<61.1	ug/kg	61.1	1		03/20/19 04:13	95-49-8	
1,2-Dibromo-3-chloropropane	<122	ug/kg	122	1		03/20/19 04:13	96-12-8	
Dibromochloromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	124-48-1	
1,2-Dibromoethane (EDB)	<61.1	ug/kg	61.1	1		03/20/19 04:13	106-93-4	
Dibromomethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	74-95-3	
1,2-Dichlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	95-50-1	
1,3-Dichlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	541-73-1	
1,4-Dichlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	106-46-7	
trans-1,4-Dichloro-2-butene	<1220	ug/kg	1220	1		03/20/19 04:13	110-57-6	
Dichlorodifluoromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-71-8	
1,1-Dichloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-34-3	
1,2-Dichloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	107-06-2	
1,1-Dichloroethene	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-35-4	
cis-1,2-Dichloroethene	<61.1	ug/kg	61.1	1		03/20/19 04:13	156-59-2	
trans-1,2-Dichloroethene	<61.1	ug/kg	61.1	1		03/20/19 04:13	156-60-5	
1,2-Dichloropropane	<61.1	ug/kg	61.1	1		03/20/19 04:13	78-87-5	
cis-1,3-Dichloropropene	<61.1	ug/kg	61.1	1		03/20/19 04:13	10061-01-5	
trans-1,3-Dichloropropene	<61.1	ug/kg	61.1	1		03/20/19 04:13	10061-02-6	
Diethyl ether (Ethyl ether)	<61.1	ug/kg	61.1	1		03/20/19 04:13	60-29-7	
Ethylbenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	100-41-4	
2-Hexanone	<1220	ug/kg	1220	1		03/20/19 04:13	591-78-6	
Iodomethane	<1220	ug/kg	1220	1		03/20/19 04:13	74-88-4	
Isopropylbenzene (Cumene)	<61.1	ug/kg	61.1	1		03/20/19 04:13	98-82-8	
p-Isopropyltoluene	<61.1	ug/kg	61.1	1		03/20/19 04:13	99-87-6	
Methylene Chloride	<244	ug/kg	244	1		03/20/19 04:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	<305	ug/kg	305	1		03/20/19 04:13	108-10-1	
Methyl-tert-butyl ether	<61.1	ug/kg	61.1	1		03/20/19 04:13	1634-04-4	
Naphthalene	<61.1	ug/kg	61.1	1		03/20/19 04:13	91-20-3	
n-Propylbenzene	149	ug/kg	61.1	1		03/20/19 04:13	103-65-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-11081-SB-44(9-10') Lab ID: 50219184015 Collected: 03/08/19 15:25 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260MSV 5035S Med Level		Analytical Method: EPA 8260						
Styrene	<61.1	ug/kg	61.1	1		03/20/19 04:13	100-42-5	
1,1,1,2-Tetrachloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	630-20-6	
1,1,2,2-Tetrachloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	79-34-5	
Tetrachloroethene	<61.1	ug/kg	61.1	1		03/20/19 04:13	127-18-4	
Tetrahydrofuran	<1220	ug/kg	1220	1		03/20/19 04:13	109-99-9	
Toluene	<61.1	ug/kg	61.1	1		03/20/19 04:13	108-88-3	
1,2,3-Trichlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	87-61-6	
1,2,4-Trichlorobenzene	<61.1	ug/kg	61.1	1		03/20/19 04:13	120-82-1	
1,1,1-Trichloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	71-55-6	
1,1,2-Trichloroethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	79-00-5	
Trichloroethene	<61.1	ug/kg	61.1	1		03/20/19 04:13	79-01-6	
Trichlorofluoromethane	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-69-4	
1,2,3-Trichloropropane	<61.1	ug/kg	61.1	1		03/20/19 04:13	96-18-4	
1,2,3-Trimethylbenzene	143	ug/kg	61.1	1		03/20/19 04:13	526-73-8	N2
1,2,4-Trimethylbenzene	774	ug/kg	122	2		03/22/19 15:31	95-63-6	E,H7
1,3,5-Trimethylbenzene	219	ug/kg	61.1	1		03/20/19 04:13	108-67-8	
Vinyl chloride	<61.1	ug/kg	61.1	1		03/20/19 04:13	75-01-4	
Xylene (Total)	<122	ug/kg	122	1		03/20/19 04:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	85-118	1		03/20/19 04:13	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		03/20/19 04:13	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	56-144	1		03/20/19 04:13	460-00-4	

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	19.9	%	0.10	1		03/18/19 13:19

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

Sample: 7C-S.Stockpile
2(Composite) **Lab ID:** 50219184016 **Collected:** 03/05/19 09:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

6010 MET ICP, TCLP

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 03/15/19 15:00 Initial pH: 9.4; Final pH: 6.64

Arsenic	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:47	7440-38-2	
Barium	<5.0	mg/L	5.0	1	03/19/19 06:01	03/20/19 02:47	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/19/19 06:01	03/20/19 02:47	7440-43-9	
Chromium	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:47	7440-47-3	
Copper	<100	ug/L	100	1	03/19/19 06:01	03/20/19 02:47	7440-50-8	
Lead	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:47	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:47	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:47	7440-22-4	
Zinc	<200	ug/L	200	1	03/19/19 06:01	03/20/19 02:47	7440-66-6	

7470 Mercury, TCLP

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Leachate Method/Date: EPA 1311; 03/15/19 15:00 Initial pH: 9.4; Final pH: 6.64

Mercury	<0.0020	mg/L	0.0020	1	03/18/19 21:52	03/19/19 11:15	7439-97-6	

8270 MSSV TCLP Sep Funnel

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/15/19 15:00

1,4-Dichlorobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	106-46-7	2d
2,4-Dinitrotoluene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	121-14-2	2d
Hexachloro-1,3-butadiene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	87-68-3	2d
Hexachlorobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	118-74-1	2d
Hexachloroethane	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	67-72-1	2d
2-Methylphenol(o-Cresol)	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	95-48-7	2d
3&4-Methylphenol(m&p Cresol)	<0.20	mg/L	0.20	1	03/18/19 11:16	03/18/19 21:51		2d
Nitrobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	98-95-3	2d
Pentachlorophenol	<0.50	mg/L	0.50	1	03/18/19 11:16	03/18/19 21:51	87-86-5	2d
Pyridine	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	110-86-1	2d
2,4,5-Trichlorophenol	<0.50	mg/L	0.50	1	03/18/19 11:16	03/18/19 21:51	95-95-4	2d
2,4,6-Trichlorophenol	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 21:51	88-06-2	2d

Surrogates

Nitrobenzene-d5 (S)	74	%.	27-95	1	03/18/19 11:16	03/18/19 21:51	4165-60-0	
2-Fluorobiphenyl (S)	66	%.	19-93	1	03/18/19 11:16	03/18/19 21:51	321-60-8	
p-Terphenyl-d14 (S)	108	%.	11-147	1	03/18/19 11:16	03/18/19 21:51	1718-51-0	
Phenol-d5 (S)	23	%.	10-42	1	03/18/19 11:16	03/18/19 21:51	4165-62-2	
2-Fluorophenol (S)	39	%.	10-59	1	03/18/19 11:16	03/18/19 21:51	367-12-4	
2,4,6-Tribromophenol (S)	87	%.	33-108	1	03/18/19 11:16	03/18/19 21:51	118-79-6	

8260 MSV TCLP

Analytical Method: EPA 5030/8260 Leachate Method/Date: EPA 1311; 03/15/19 15:00

Benzene	<0.050	mg/L	0.050	1		03/18/19 14:12	71-43-2	
2-Butanone (MEK)	<1.0	mg/L	1.0	1		03/18/19 14:12	78-93-3	L1
Carbon tetrachloride	<0.050	mg/L	0.050	1		03/18/19 14:12	56-23-5	
Chlorobenzene	<0.050	mg/L	0.050	1		03/18/19 14:12	108-90-7	
Chloroform	<0.050	mg/L	0.050	1		03/18/19 14:12	67-66-3	
1,2-Dichloroethane	<0.050	mg/L	0.050	1		03/18/19 14:12	107-06-2	
1,1-Dichloroethene	<0.050	mg/L	0.050	1		03/18/19 14:12	75-35-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-S.Stockpile
2(Composite) **Lab ID:** 50219184016 **Collected:** 03/05/19 09:50 **Received:** 03/12/19 18:10 **Matrix:** Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP								
Analytical Method: EPA 5030/8260 Leachate Method/Date: EPA 1311; 03/15/19 15:00								
Tetrachloroethene	<0.050	mg/L	0.050	1		03/18/19 14:12	127-18-4	
Trichloroethene	<0.050	mg/L	0.050	1		03/18/19 14:12	79-01-6	
Vinyl chloride	<0.020	mg/L	0.020	1		03/18/19 14:12	75-01-4	
Surrogates								
Toluene-d8 (S)	95	%.		1		03/18/19 14:12	2037-26-5	
4-Bromofluorobenzene (S)	93	%.		1		03/18/19 14:12	460-00-4	
Dibromofluoromethane (S)	92	%.		1		03/18/19 14:12	1868-53-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-S.Stockpile **Lab ID:** 50219184017 **Collected:** 03/05/19 10:00 **Received:** 03/12/19 18:10 **Matrix:** Solid
4(Composite)

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/15/19 15:00 Initial pH: 9.3; Final pH: 6.61								
Arsenic	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:52	7440-38-2	
Barium	<5.0	mg/L	5.0	1	03/19/19 06:01	03/20/19 02:52	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/19/19 06:01	03/20/19 02:52	7440-43-9	
Chromium	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:52	7440-47-3	
Copper	<100	ug/L	100	1	03/19/19 06:01	03/20/19 02:52	7440-50-8	
Lead	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:52	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:52	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/19/19 06:01	03/20/19 02:52	7440-22-4	
Zinc	<200	ug/L	200	1	03/19/19 06:01	03/20/19 02:52	7440-66-6	
7470 Mercury, TCLP								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Leachate Method/Date: EPA 1311; 03/15/19 15:00 Initial pH: 9.3; Final pH: 6.61								
Mercury	<0.0020	mg/L	0.0020	1	03/18/19 21:52	03/19/19 11:18	7439-97-6	
8270 MSSV TCLP Sep Funnel								
Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/15/19 15:00								
1,4-Dichlorobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	106-46-7	2d
2,4-Dinitrotoluene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	121-14-2	2d
Hexachloro-1,3-butadiene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	87-68-3	2d
Hexachlorobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	118-74-1	2d
Hexachloroethane	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	67-72-1	2d
2-Methylphenol(o-Cresol)	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	95-48-7	2d
3&4-Methylphenol(m&p Cresol)	<0.20	mg/L	0.20	1	03/18/19 11:16	03/18/19 22:07		2d
Nitrobenzene	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	98-95-3	2d
Pentachlorophenol	<0.50	mg/L	0.50	1	03/18/19 11:16	03/18/19 22:07	87-86-5	2d
Pyridine	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	110-86-1	2d
2,4,5-Trichlorophenol	<0.50	mg/L	0.50	1	03/18/19 11:16	03/18/19 22:07	95-95-4	2d
2,4,6-Trichlorophenol	<0.10	mg/L	0.10	1	03/18/19 11:16	03/18/19 22:07	88-06-2	2d
Surrogates								
Nitrobenzene-d5 (S)	67	%.	27-95	1	03/18/19 11:16	03/18/19 22:07	4165-60-0	
2-Fluorobiphenyl (S)	60	%.	19-93	1	03/18/19 11:16	03/18/19 22:07	321-60-8	
p-Terphenyl-d14 (S)	108	%.	11-147	1	03/18/19 11:16	03/18/19 22:07	1718-51-0	
Phenol-d5 (S)	22	%.	10-42	1	03/18/19 11:16	03/18/19 22:07	4165-62-2	
2-Fluorophenol (S)	37	%.	10-59	1	03/18/19 11:16	03/18/19 22:07	367-12-4	
2,4,6-Tribromophenol (S)	83	%.	33-108	1	03/18/19 11:16	03/18/19 22:07	118-79-6	
8260 MSV TCLP								
Analytical Method: EPA 5030/8260 Leachate Method/Date: EPA 1311; 03/15/19 15:00								
Benzene	<0.050	mg/L	0.050	1		03/18/19 15:14	71-43-2	
2-Butanone (MEK)	<1.0	mg/L	1.0	1		03/18/19 15:14	78-93-3	L1
Carbon tetrachloride	<0.050	mg/L	0.050	1		03/18/19 15:14	56-23-5	
Chlorobenzene	<0.050	mg/L	0.050	1		03/18/19 15:14	108-90-7	
Chloroform	<0.050	mg/L	0.050	1		03/18/19 15:14	67-66-3	
1,2-Dichloroethane	<0.050	mg/L	0.050	1		03/18/19 15:14	107-06-2	
1,1-Dichloroethene	<0.050	mg/L	0.050	1		03/18/19 15:14	75-35-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Sample: 7C-S.Stockpile
4(Composite) **Lab ID:** 50219184017 Collected: 03/05/19 10:00 Received: 03/12/19 18:10 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP								
Analytical Method: EPA 5030/8260 Leachate Method/Date: EPA 1311; 03/15/19 15:00								
Tetrachloroethene	<0.050	mg/L	0.050	1		03/18/19 15:14	127-18-4	
Trichloroethene	<0.050	mg/L	0.050	1		03/18/19 15:14	79-01-6	
Vinyl chloride	<0.020	mg/L	0.020	1		03/18/19 15:14	75-01-4	
Surrogates								
Toluene-d8 (S)	96	%.		1		03/18/19 15:14	2037-26-5	
4-Bromofluorobenzene (S)	90	%.		1		03/18/19 15:14	460-00-4	
Dibromofluoromethane (S)	88	%.		1		03/18/19 15:14	1868-53-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch: 489815 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 50219184016, 50219184017

METHOD BLANK: 2259551 Matrix: Water
Associated Lab Samples: 50219184016, 50219184017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	<0.00067	0.00067	03/19/19 10:39	

LABORATORY CONTROL SAMPLE: 2259552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.005	0.0050	100	80-120	

MATRIX SPIKE SAMPLE: 2259553

Parameter	Units	50219612001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.015	103	75-125	

MATRIX SPIKE SAMPLE: 2259554

Parameter	Units	50219413001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.015	99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259555 2259556

Parameter	Units	50219453002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.015	0.015	0.015	0.015	100	100	75-125	0	20	

MATRIX SPIKE SAMPLE: 2259557

Parameter	Units	50219466002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.016	105	75-125	

MATRIX SPIKE SAMPLE: 2259558

Parameter	Units	50219184017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	<0.0020	0.015	0.015	98	75-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE SAMPLE:		2259559					
Parameter	Units	50219553001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.015	0.015	101	75-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

QC Batch:	490029	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

METHOD BLANK:	2260449	Matrix:	Solid
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/kg	<202	202	03/21/19 08:50	

LABORATORY CONTROL SAMPLE: 2260450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/kg	502	517	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2260451 2260452

Parameter	Units	50219184002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/kg	<246	629	603	714	686	102	101	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch: 489795 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 50219184016, 50219184017

METHOD BLANK: 2259492 Matrix: Water
Associated Lab Samples: 50219184016, 50219184017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.010	0.010	03/20/19 02:11	
Barium	mg/L	<0.50	0.50	03/20/19 02:11	
Cadmium	mg/L	<0.0050	0.0050	03/20/19 02:11	
Chromium	mg/L	<0.010	0.010	03/20/19 02:11	
Copper	ug/L	<10.0	10.0	03/20/19 02:11	
Lead	mg/L	<0.010	0.010	03/20/19 02:11	
Selenium	mg/L	<0.010	0.010	03/20/19 02:11	
Silver	mg/L	<0.010	0.010	03/20/19 02:11	
Zinc	ug/L	<20.0	20.0	03/20/19 02:11	

LABORATORY CONTROL SAMPLE: 2259493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	0.98	98	80-120	
Barium	mg/L	1	0.98	98	80-120	
Cadmium	mg/L	1	1.0	103	80-120	
Chromium	mg/L	1	1.0	100	80-120	
Copper	ug/L	1000	1020	102	80-120	
Lead	mg/L	1	0.96	96	80-120	
Selenium	mg/L	1	1.0	100	80-120	
Silver	mg/L	0.5	0.50	100	80-120	
Zinc	ug/L	1000	1010	101	80-120	

MATRIX SPIKE SAMPLE: 2259494

Parameter	Units	50218787001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.10	10	10.0	100	50-150	
Barium	mg/L	<5.0	10	10.4	97	50-150	
Cadmium	mg/L	<0.050	10	10.3	103	50-150	
Chromium	mg/L	<0.10	10	9.9	99	50-150	
Copper	ug/L	<100	10000	9980	100	50-150	
Lead	mg/L	<0.10	10	9.3	93	50-150	
Selenium	mg/L	<0.10	10	10.2	102	50-150	
Silver	mg/L	<0.10	5	4.9	98	50-150	
Zinc	ug/L	<200	10000	10200	102	50-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259495											
2259496											
Parameter	Units	50219453001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Arsenic	mg/L	ND	10	10	10.0	10	100	100	50-150	1	20
Barium	mg/L	ND	10	10	9.8	9.7	97	96	50-150	1	20
Cadmium	mg/L	ND	10	10	10.2	10.2	102	102	50-150	0	20
Chromium	mg/L	ND	10	10	9.8	9.8	98	97	50-150	0	20
Copper	ug/L	ND	10000	10000	9970	9930	100	99	50-150	0	20
Lead	mg/L	ND	10	10	9.2	9.2	92	92	50-150	0	20
Selenium	mg/L	ND	10	10	10.2	10.2	101	102	50-150	0	20
Silver	mg/L	ND	5	5	4.9	4.9	98	98	50-150	0	20
Zinc	ug/L	ND	10000	10000	10000	10000	100	100	50-150	0	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259497											
2259498											
Parameter	Units	50219453002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Arsenic	mg/L	ND	10	10	10.0	9.9	100	99	50-150	1	20
Barium	mg/L	ND	10	10	9.8	9.7	97	96	50-150	1	20
Cadmium	mg/L	ND	10	10	10.2	10.2	102	102	50-150	0	20
Chromium	mg/L	ND	10	10	9.8	9.7	98	97	50-150	1	20
Copper	ug/L	ND	10000	10000	10100	9900	101	99	50-150	2	20
Lead	mg/L	ND	10	10	9.2	9.1	92	91	50-150	0	20
Selenium	mg/L	ND	10	10	10.2	10.2	101	101	50-150	0	20
Silver	mg/L	ND	5	5	5.0	4.9	100	98	50-150	2	20
Zinc	ug/L	ND	10000	10000	9940	9920	99	99	50-150	0	20

MATRIX SPIKE SAMPLE: 2259499							
Parameter	Units	50219466001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	10.1	101	50-150	
Barium	mg/L	ND	10	9.9	97	50-150	
Cadmium	mg/L	ND	10	10.4	104	50-150	
Chromium	mg/L	ND	10	9.9	98	50-150	
Copper	ug/L	ND	10000	10100	101	50-150	
Lead	mg/L	ND	10	9.3	93	50-150	
Selenium	mg/L	ND	10	10.2	102	50-150	
Silver	mg/L	ND	5	5.0	99	50-150	
Zinc	ug/L	ND	10000	10100	101	50-150	

MATRIX SPIKE SAMPLE: 2259500							
Parameter	Units	50219153001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	10	9.9	99	50-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE SAMPLE: 2259500		50219153001	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
Barium	mg/L	ND	10	10.0	96	50-150	
Cadmium	mg/L	ND	10	10.2	102	50-150	
Chromium	mg/L	ND	10	9.8	98	50-150	
Copper	ug/L	ND	10000	9900	99	50-150	
Lead	mg/L	ND	10	9.3	93	50-150	
Selenium	mg/L	ND	10	10.0	100	50-150	
Silver	mg/L	ND	5	4.9	97	50-150	
Zinc	ug/L	ND	10000	10200	101	50-150	

MATRIX SPIKE SAMPLE: 2259501		50219184016	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
Arsenic	mg/L	<0.10	10	10	100	50-150	
Barium	mg/L	<5.0	10	10.0	95	50-150	
Cadmium	mg/L	<0.050	10	10.2	102	50-150	
Chromium	mg/L	<0.10	10	9.7	97	50-150	
Copper	ug/L	<100	10000	9910	99	50-150	
Lead	mg/L	<0.10	10	9.2	92	50-150	
Selenium	mg/L	<0.10	10	10.1	100	50-150	
Silver	mg/L	<0.10	5	4.9	98	50-150	
Zinc	ug/L	<200	10000	9990	100	50-150	

MATRIX SPIKE SAMPLE: 2259502		50219553001	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
Arsenic	mg/L	ND	10	10.0	100	50-150	
Barium	mg/L	ND	10	9.9	98	50-150	
Cadmium	mg/L	ND	10	10.2	102	50-150	
Chromium	mg/L	ND	10	9.8	97	50-150	
Copper	ug/L	4350	10000	14400	100	50-150	
Lead	mg/L	ND	10	9.1	91	50-150	
Selenium	mg/L	ND	10	10.2	101	50-150	
Silver	mg/L	ND	5	5.0	99	50-150	
Zinc	ug/L	ND	10000	9940	99	50-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch:	489913	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

METHOD BLANK: 2259947 Matrix: Solid

Associated Lab Samples: 50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/kg	<100	100	03/22/19 11:28	
Barium	ug/kg	<100	100	03/22/19 11:28	
Cadmium	ug/kg	<50.0	50.0	03/22/19 11:28	
Chromium	ug/kg	<200	200	03/22/19 11:28	
Copper	ug/kg	<50.0	50.0	03/22/19 11:28	
Lead	ug/kg	<100	100	03/22/19 11:28	N2
Selenium	ug/kg	<100	100	03/22/19 11:28	
Silver	ug/kg	<50.0	50.0	03/22/19 11:28	
Zinc	ug/kg	<500	500	03/22/19 11:28	

LABORATORY CONTROL SAMPLE: 2259948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/kg	4000	3690	92	80-120	
Barium	ug/kg	4000	4060	101	80-120	
Cadmium	ug/kg	4000	3960	99	80-120	
Chromium	ug/kg	4000	3960	99	80-120	
Copper	ug/kg	4000	4090	102	80-120	
Lead	ug/kg	4000	4260	106	80-120	N2
Selenium	ug/kg	4000	3680	92	80-120	
Silver	ug/kg	4000	4120	103	80-120	
Zinc	ug/kg	4000	4030	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259949 2259950

Parameter	Units	50219184001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/kg	3590	4570	4470	8170	7030	100	77	75-125	15	20	
Barium	ug/kg	31300	4570	4470	54300	40500	503	206	75-125	29	20	1d,P6
Cadmium	ug/kg	610	4570	4470	5530	4820	108	94	75-125	14	20	
Chromium	ug/kg	10200	4570	4470	18900	13900	190	84	75-125	30	20	1d,M0, P6
Copper	ug/kg	47200	4570	4470	82400	70000	771	510	75-125	16	20	P6
Lead	ug/kg	25100	4570	4470	35400	35400	225	230	75-125	0	20	N2,P6
Selenium	ug/kg	<538	4570	4470	4400	4300	86	85	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259949 2259950												
Parameter	Units	50219184001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/kg	80.1	4570	4470	4350	4220	93	93	75-125	3	20	
Zinc	ug/kg	61400	4570	4470	92900	78100	689	374	75-125	17	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch: 489704 Analysis Method: EPA 5030/8260
QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 50219184016, 50219184017

METHOD BLANK: 2259213 Matrix: Water
Associated Lab Samples: 50219184016, 50219184017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	<0.050	0.050	03/18/19 12:41	
1,2-Dichloroethane	mg/L	<0.050	0.050	03/18/19 12:41	
2-Butanone (MEK)	mg/L	<1.0	1.0	03/18/19 12:41	
Benzene	mg/L	<0.050	0.050	03/18/19 12:41	
Carbon tetrachloride	mg/L	<0.050	0.050	03/18/19 12:41	
Chlorobenzene	mg/L	<0.050	0.050	03/18/19 12:41	
Chloroform	mg/L	<0.050	0.050	03/18/19 12:41	
Tetrachloroethene	mg/L	<0.050	0.050	03/18/19 12:41	
Trichloroethene	mg/L	<0.050	0.050	03/18/19 12:41	
Vinyl chloride	mg/L	<0.020	0.020	03/18/19 12:41	
4-Bromofluorobenzene (S)	%	96	85-114	03/18/19 12:41	
Dibromofluoromethane (S)	%	94	80-122	03/18/19 12:41	
Toluene-d8 (S)	%	100	85-114	03/18/19 12:41	

LABORATORY CONTROL SAMPLE: 2259214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	0.5	0.49	98	71-126	
1,2-Dichloroethane	mg/L	0.5	0.49	99	68-119	
2-Butanone (MEK)	mg/L	2.5	3.7	148	62-140 L1	
Benzene	mg/L	0.5	0.48	97	78-117	
Carbon tetrachloride	mg/L	0.5	0.47	93	68-132	
Chlorobenzene	mg/L	0.5	0.49	98	79-113	
Chloroform	mg/L	0.5	0.48	96	73-118	
Tetrachloroethene	mg/L	0.5	0.44	87	76-124	
Trichloroethene	mg/L	0.5	0.46	93	76-120	
Vinyl chloride	mg/L	0.5	0.52	104	70-136	
4-Bromofluorobenzene (S)	%			99	85-114	
Dibromofluoromethane (S)	%			95	80-122	
Toluene-d8 (S)	%			97	85-114	

MATRIX SPIKE SAMPLE: 2259215

Parameter	Units	50219413001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	ND	0.5	0.61	122	46-148	
1,2-Dichloroethane	mg/L	ND	0.5	0.49	99	44-138	
2-Butanone (MEK)	mg/L	ND	2.5	2.7	106	36-153	
Benzene	mg/L	ND	0.5	0.53	107	49-140	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE SAMPLE:		2259215					
Parameter	Units	50219413001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/L	ND	0.5	0.57	113	45-148	
Chlorobenzene	mg/L	ND	0.5	0.51	102	47-135	
Chloroform	mg/L	ND	0.5	0.52	104	49-136	
Tetrachloroethene	mg/L	ND	0.5	0.50	101	41-145	
Trichloroethene	mg/L	ND	0.5	0.53	106	43-147	
Vinyl chloride	mg/L	ND	0.5	0.61	121	49-153	
4-Bromofluorobenzene (S)	%				94	85-114	
Dibromofluoromethane (S)	%				94	80-122	
Toluene-d8 (S)	%				97	85-114	

MATRIX SPIKE SAMPLE:		2259218					
Parameter	Units	50219184016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	<0.050	0.5	0.72	144	46-148	
1,2-Dichloroethane	mg/L	<0.050	0.5	0.58	117	44-138	
2-Butanone (MEK)	mg/L	<1.0	2.5	3.4	134	36-153	
Benzene	mg/L	<0.050	0.5	0.64	128	49-140	
Carbon tetrachloride	mg/L	<0.050	0.5	0.68	135	45-148	
Chlorobenzene	mg/L	<0.050	0.5	0.59	117	47-135	
Chloroform	mg/L	<0.050	0.5	0.61	123	49-136	
Tetrachloroethene	mg/L	<0.050	0.5	0.59	118	41-145	
Trichloroethene	mg/L	<0.050	0.5	0.64	129	43-147	
Vinyl chloride	mg/L	<0.020	0.5	0.71	142	49-153	
4-Bromofluorobenzene (S)	%				94	85-114	
Dibromofluoromethane (S)	%				91	80-122	
Toluene-d8 (S)	%				96	85-114	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch: 490086 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035 Volatile Organics
Associated Lab Samples: 50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015

METHOD BLANK: 2260671 Matrix: Solid
Associated Lab Samples: 50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,1,1-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,1,2,2-Tetrachloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,1,2-Trichloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,1-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,1-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2,3-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2,3-Trichloropropane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2,3-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	N2
1,2,4-Trichlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2,4-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2-Dibromo-3-chloropropane	ug/kg	<100	100	03/19/19 19:32	
1,2-Dibromoethane (EDB)	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2-Dichloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,2-Dichloropropane	ug/kg	<50.0	50.0	03/19/19 19:32	
1,3,5-Trimethylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,3-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
1,4-Dichlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
2-Butanone (MEK)	ug/kg	<250	250	03/19/19 19:32	
2-Chlorotoluene	ug/kg	<50.0	50.0	03/19/19 19:32	
2-Hexanone	ug/kg	<1000	1000	03/19/19 19:32	
4-Methyl-2-pentanone (MIBK)	ug/kg	<250	250	03/19/19 19:32	
Acetone	ug/kg	<1000	1000	03/19/19 19:32	
Acrylonitrile	ug/kg	<1000	1000	03/19/19 19:32	
Benzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Bromobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Bromochloromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Bromodichloromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Bromoform	ug/kg	<50.0	50.0	03/19/19 19:32	
Bromomethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Carbon disulfide	ug/kg	<100	100	03/19/19 19:32	
Carbon tetrachloride	ug/kg	<50.0	50.0	03/19/19 19:32	
Chlorobenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Chloroethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Chloroform	ug/kg	<50.0	50.0	03/19/19 19:32	
Chloromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
cis-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 19:32	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

METHOD BLANK: 2260671

Matrix: Solid

Associated Lab Samples: 50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 19:32	
Dibromochloromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Dibromomethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Dichlorodifluoromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Diethyl ether (Ethyl ether)	ug/kg	<50.0	50.0	03/19/19 19:32	
Ethylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Iodomethane	ug/kg	<1000	1000	03/19/19 19:32	
Isopropylbenzene (Cumene)	ug/kg	<50.0	50.0	03/19/19 19:32	
Methyl-tert-butyl ether	ug/kg	<50.0	50.0	03/19/19 19:32	
Methylene Chloride	ug/kg	<200	200	03/19/19 19:32	
n-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
n-Propylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Naphthalene	ug/kg	<50.0	50.0	03/19/19 19:32	
p-Isopropyltoluene	ug/kg	<50.0	50.0	03/19/19 19:32	
sec-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Styrene	ug/kg	<50.0	50.0	03/19/19 19:32	
tert-Butyl Alcohol	ug/kg	<500	500	03/19/19 19:32	
tert-Butylbenzene	ug/kg	<50.0	50.0	03/19/19 19:32	
Tetrachloroethene	ug/kg	<50.0	50.0	03/19/19 19:32	
Tetrahydrofuran	ug/kg	<1000	1000	03/19/19 19:32	
Toluene	ug/kg	<50.0	50.0	03/19/19 19:32	
trans-1,2-Dichloroethene	ug/kg	<50.0	50.0	03/19/19 19:32	
trans-1,3-Dichloropropene	ug/kg	<50.0	50.0	03/19/19 19:32	
trans-1,4-Dichloro-2-butene	ug/kg	<1000	1000	03/19/19 19:32	
Trichloroethene	ug/kg	<50.0	50.0	03/19/19 19:32	
Trichlorofluoromethane	ug/kg	<50.0	50.0	03/19/19 19:32	
Vinyl chloride	ug/kg	<50.0	50.0	03/19/19 19:32	
Xylene (Total)	ug/kg	<100	100	03/19/19 19:32	
4-Bromofluorobenzene (S)	%	101	56-144	03/19/19 19:32	
Dibromofluoromethane (S)	%	96	85-118	03/19/19 19:32	
Toluene-d8 (S)	%	102	71-128	03/19/19 19:32	

LABORATORY CONTROL SAMPLE: 2260672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	99.1	99	62-123	
1,1,1-Trichloroethane	ug/kg	100	105	105	70-123	
1,1,2,2-Tetrachloroethane	ug/kg	100	96.2	96	65-124	
1,1,2-Trichloroethane	ug/kg	100	104	104	74-129	
1,1-Dichloroethane	ug/kg	100	107	107	73-130	
1,1-Dichloroethene	ug/kg	100	107	107	66-126	
1,2,3-Trichlorobenzene	ug/kg	100	99.3	99	66-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

LABORATORY CONTROL SAMPLE: 2260672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	100	99.3	99	44-157	
1,2,4-Trichlorobenzene	ug/kg	100	102	102	68-129	
1,2,4-Trimethylbenzene	ug/kg	100	100	100	67-126	
1,2-Dibromo-3-chloropropane	ug/kg	100	107	107	69-126	
1,2-Dibromoethane (EDB)	ug/kg	100	107	107	74-120	
1,2-Dichlorobenzene	ug/kg	100	97.5	98	73-122	
1,2-Dichloroethane	ug/kg	100	95.9	96	73-127	
1,2-Dichloropropane	ug/kg	100	110	110	75-118	
1,3,5-Trimethylbenzene	ug/kg	100	100	100	65-127	
1,3-Dichlorobenzene	ug/kg	100	97.7	98	73-121	
1,4-Dichlorobenzene	ug/kg	100	96.1	96	75-119	
2-Butanone (MEK)	ug/kg	500	522	104	59-139	
2-Chlorotoluene	ug/kg	100	96.4	96	72-121	
2-Hexanone	ug/kg	500	<1000	105	56-139	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	565	113	63-136	
Acetone	ug/kg	500	<1000	108	46-156	
Acrylonitrile	ug/kg	400	<1000	115	67-130	
Benzene	ug/kg	100	103	103	74-119	
Bromobenzene	ug/kg	100	101	101	69-129	
Bromochloromethane	ug/kg	100	95.5	95	67-129	
Bromodichloromethane	ug/kg	100	101	101	68-121	
Bromoform	ug/kg	100	96.7	97	49-124	
Bromomethane	ug/kg	100	119	119	44-142	
Carbon disulfide	ug/kg	100	<100	96	61-129	
Carbon tetrachloride	ug/kg	100	97.7	98	58-127	
Chlorobenzene	ug/kg	100	100	100	77-122	
Chloroethane	ug/kg	100	105	105	59-141	
Chloroform	ug/kg	100	102	102	75-124	
Chloromethane	ug/kg	100	75.3	75	46-133	
cis-1,2-Dichloroethene	ug/kg	100	106	106	72-122	
cis-1,3-Dichloropropene	ug/kg	100	111	111	68-115	
Dibromochloromethane	ug/kg	100	102	102	60-121	
Dibromomethane	ug/kg	100	108	108	72-124	
Dichlorodifluoromethane	ug/kg	100	120	120	26-186	
Diethyl ether (Ethyl ether)	ug/kg	100	116	116	50-150	
Ethylbenzene	ug/kg	100	98.8	99	72-123	
Iodomethane	ug/kg	200	<1000	130	38-149	
Isopropylbenzene (Cumene)	ug/kg	100	103	103	65-123	
Methyl-tert-butyl ether	ug/kg	100	114	114	68-120	
Methylene Chloride	ug/kg	100	<200	93	57-142	
n-Butylbenzene	ug/kg	100	100	100	68-125	
n-Propylbenzene	ug/kg	100	101	101	68-122	
Naphthalene	ug/kg	100	102	102	67-131	
p-Isopropyltoluene	ug/kg	100	100	100	66-133	
sec-Butylbenzene	ug/kg	100	98.4	98	64-131	
Styrene	ug/kg	100	104	104	70-126	
tert-Butyl Alcohol	ug/kg	200	<500	207	50-150 L1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

LABORATORY CONTROL SAMPLE: 2260672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	100	79.6	80	46-124	
Tetrachloroethene	ug/kg	100	91.7	92	72-126	
Tetrahydrofuran	ug/kg	100	<1000	112	50-150	
Toluene	ug/kg	100	101	101	71-121	
trans-1,2-Dichloroethene	ug/kg	100	110	110	69-123	
trans-1,3-Dichloropropene	ug/kg	100	106	106	66-114	
trans-1,4-Dichloro-2-butene	ug/kg	400	<1000	98	61-124	
Trichloroethene	ug/kg	100	101	101	74-123	
Trichlorofluoromethane	ug/kg	100	93.0	93	72-146	
Vinyl chloride	ug/kg	100	99.9	100	55-128	
Xylene (Total)	ug/kg	300	308	103	66-124	
4-Bromofluorobenzene (S)	%.			101	56-144	
Dibromofluoromethane (S)	%.			99	85-118	
Toluene-d8 (S)	%.			101	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch:	490209	Analysis Method:	EPA 8270
QC Batch Method:	EPA 3546	Analysis Description:	8270 Solid MSSV Microwave Short Spike
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

METHOD BLANK:	2261189	Matrix:	Solid
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-Trichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4,6-Trichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dichlorophenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dimethylphenol	ug/kg	<329	329	03/21/19 18:02	
2,4-Dinitrophenol	ug/kg	<1590	1590	03/21/19 18:02	
2,4-Dinitrotoluene	ug/kg	<329	329	03/21/19 18:02	
2,6-Dinitrotoluene	ug/kg	<329	329	03/21/19 18:02	
2-Chloronaphthalene	ug/kg	<329	329	03/21/19 18:02	
2-Chlorophenol	ug/kg	<329	329	03/21/19 18:02	
2-Methylnaphthalene	ug/kg	<329	329	03/21/19 18:02	
2-Methylphenol(o-Cresol)	ug/kg	<329	329	03/21/19 18:02	
2-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
2-Nitrophenol	ug/kg	<329	329	03/21/19 18:02	
3&4-Methylphenol(m&p Cresol)	ug/kg	<658	658	03/21/19 18:02	
3,3'-Dichlorobenzidine	ug/kg	<658	658	03/21/19 18:02	
3-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
4,6-Dinitro-2-methylphenol	ug/kg	<658	658	03/21/19 18:02	
4-Bromophenylphenyl ether	ug/kg	<329	329	03/21/19 18:02	
4-Chloro-3-methylphenol	ug/kg	<658	658	03/21/19 18:02	
4-Chlorophenylphenyl ether	ug/kg	<329	329	03/21/19 18:02	
4-Nitroaniline	ug/kg	<329	329	03/21/19 18:02	
4-Nitrophenol	ug/kg	<1590	1590	03/21/19 18:02	
Acenaphthene	ug/kg	<329	329	03/21/19 18:02	
Acenaphthylene	ug/kg	<329	329	03/21/19 18:02	
Aniline	ug/kg	<329	329	03/21/19 18:02	
Anthracene	ug/kg	<329	329	03/21/19 18:02	
Atrazine	ug/kg	<329	329	03/21/19 18:02	N2
Azobenzene	ug/kg	<1590	1590	03/21/19 18:02	N2
Benzidine	ug/kg	<1590	1590	03/21/19 18:02	
Benzo(a)anthracene	ug/kg	<329	329	03/21/19 18:02	
Benzo(a)pyrene	ug/kg	<329	329	03/21/19 18:02	
Benzo(b)fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Benzo(g,h,i)perylene	ug/kg	<329	329	03/21/19 18:02	
Benzo(k)fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Benzoic acid	ug/kg	<1590	1590	03/21/19 18:02	
Benzyl alcohol	ug/kg	<658	658	03/21/19 18:02	
bis(2-Chloroethoxy)methane	ug/kg	<329	329	03/21/19 18:02	
bis(2-Chloroethyl) ether	ug/kg	<329	329	03/21/19 18:02	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

METHOD BLANK: 2261189

Matrix: Solid

Associated Lab Samples: 50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	<329	329	03/21/19 18:02	
bis(2-Ethylhexyl)phthalate	ug/kg	<329	329	03/21/19 18:02	
Butylbenzylphthalate	ug/kg	<329	329	03/21/19 18:02	
Caprolactam	ug/kg	<329	329	03/21/19 18:02	N2
Carbazole	ug/kg	<329	329	03/21/19 18:02	
Chrysene	ug/kg	<329	329	03/21/19 18:02	
Di-n-butylphthalate	ug/kg	<329	329	03/21/19 18:02	
Di-n-octylphthalate	ug/kg	<329	329	03/21/19 18:02	
Dibenz(a,h)anthracene	ug/kg	<329	329	03/21/19 18:02	
Dibenzofuran	ug/kg	<329	329	03/21/19 18:02	
Diethylphthalate	ug/kg	<329	329	03/21/19 18:02	
Dimethylphthalate	ug/kg	<329	329	03/21/19 18:02	
Fluoranthene	ug/kg	<329	329	03/21/19 18:02	
Fluorene	ug/kg	<329	329	03/21/19 18:02	
Hexachlorobenzene	ug/kg	<329	329	03/21/19 18:02	
Hexachlorocyclopentadiene	ug/kg	<329	329	03/21/19 18:02	
Hexachloroethane	ug/kg	<329	329	03/21/19 18:02	
Indeno(1,2,3-cd)pyrene	ug/kg	<329	329	03/21/19 18:02	
Isophorone	ug/kg	<329	329	03/21/19 18:02	
N-Nitroso-di-n-propylamine	ug/kg	<329	329	03/21/19 18:02	
N-Nitrosodimethylamine	ug/kg	<329	329	03/21/19 18:02	
N-Nitrosodiphenylamine	ug/kg	<329	329	03/21/19 18:02	
Nitrobenzene	ug/kg	<329	329	03/21/19 18:02	
Pentachlorophenol	ug/kg	<1590	1590	03/21/19 18:02	
Phenanthrene	ug/kg	<329	329	03/21/19 18:02	
Phenol	ug/kg	<329	329	03/21/19 18:02	
Pyrene	ug/kg	<329	329	03/21/19 18:02	
Pyridine	ug/kg	<329	329	03/21/19 18:02	
2,4,6-Tribromophenol (S)	%	90	10-114	03/21/19 18:02	
2-Fluorobiphenyl (S)	%	86	21-96	03/21/19 18:02	
2-Fluorophenol (S)	%	87	16-104	03/21/19 18:02	
Nitrobenzene-d5 (S)	%	83	18-98	03/21/19 18:02	
p-Terphenyl-d14 (S)	%	113	29-124	03/21/19 18:02	
Phenol-d5 (S)	%	85	18-108	03/21/19 18:02	

LABORATORY CONTROL SAMPLE: 2261190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	3300	2760	83	32-115	
2-Chlorophenol	ug/kg	3300	2600	79	47-102	
2-Methylnaphthalene	ug/kg	3300	2650	80	49-101	
4-Chloro-3-methylphenol	ug/kg	3300	2800	85	46-112	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

LABORATORY CONTROL SAMPLE: 2261190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Nitrophenol	ug/kg	3300	2430	74	28-123	
Acenaphthene	ug/kg	3300	2750	83	45-103	
Acenaphthylene	ug/kg	3300	2800	85	46-103	
Anthracene	ug/kg	3300	2760	84	53-106	
Benzo(a)anthracene	ug/kg	3300	3110	94	52-107	
Benzo(a)pyrene	ug/kg	3300	2820	85	46-108	
Benzo(b)fluoranthene	ug/kg	3300	2810	85	48-111	
Benzo(g,h,i)perylene	ug/kg	3300	2710	82	44-111	
Benzo(k)fluoranthene	ug/kg	3300	2850	86	49-111	
Chrysene	ug/kg	3300	3130	95	53-109	
Dibenz(a,h)anthracene	ug/kg	3300	2720	82	47-110	
Fluoranthene	ug/kg	3300	2850	86	50-113	
Fluorene	ug/kg	3300	2820	85	46-107	
Indeno(1,2,3-cd)pyrene	ug/kg	3300	2720	82	46-111	
N-Nitroso-di-n-propylamine	ug/kg	3300	2480	75	40-103	
Pentachlorophenol	ug/kg	3300	1960	59	27-124	
Phenanthrene	ug/kg	3300	2800	85	53-107	
Phenol	ug/kg	3300	2370	72	40-104	
Pyrene	ug/kg	3300	3290	100	45-119	
2,4,6-Tribromophenol (S)	%			85	10-114	
2-Fluorobiphenyl (S)	%			83	21-96	
2-Fluorophenol (S)	%			80	16-104	
Nitrobenzene-d5 (S)	%			76	18-98	
p-Terphenyl-d14 (S)	%			107	29-124	
Phenol-d5 (S)	%			79	18-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2261191 2261192

Parameter	Units	50219184010		MSD		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	Result						
2,4-Dinitrotoluene	ug/kg	<410	4180	4180	2320	2110		56	50	10-125	10	20	
2-Chlorophenol	ug/kg	<410	4180	4180	2610	2630		62	63	14-115	1	20	
2-Methylnaphthalene	ug/kg	<410	4180	4180	2830	2680		68	64	19-118	6	20	
4-Chloro-3-methylphenol	ug/kg	<820	4180	4180	2660	2640		64	63	14-127	1	20	
4-Nitrophenol	ug/kg	<1990	4180	4180	2110	2140		50	51	10-137	2	20	
Acenaphthene	ug/kg	<410	4180	4180	2630	2510		63	60	18-113	5	20	
Acenaphthylene	ug/kg	<410	4180	4180	2860	2520		69	60	17-113	13	20	
Anthracene	ug/kg	<410	4180	4180	2800	2250		67	54	22-114	22	20 R1	
Benzo(a)anthracene	ug/kg	<410	4180	4180	3570	2330		85	56	18-115	42	20 R1	
Benzo(a)pyrene	ug/kg	<410	4180	4180	2690	2050		64	49	14-109	27	20 R1	
Benzo(b)fluoranthene	ug/kg	<410	4180	4180	3170	2160		76	52	10-120	38	20 R1	
Benzo(g,h,i)perylene	ug/kg	<410	4180	4180	2150	1930		51	46	13-109	11	20	
Benzo(k)fluoranthene	ug/kg	<410	4180	4180	2360	2070		57	50	14-114	13	20	
Chrysene	ug/kg	<410	4180	4180	3460	2460		83	59	18-119	34	20 R1	
Dibenz(a,h)anthracene	ug/kg	<410	4180	4180	2030	2020		49	48	12-114	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2261191 2261192												
Parameter	Units	50219184010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Fluoranthene	ug/kg	<410	4180	4180	3800	2180	91	52	20-120	54	20	R1
Fluorene	ug/kg	<410	4180	4180	2610	2440	62	58	17-120	7	20	
Indeno(1,2,3-cd)pyrene	ug/kg	<410	4180	4180	2110	1960	50	47	13-109	8	20	
N-Nitroso-di-n-propylamine	ug/kg	<410	4180	4180	2640	2560	63	61	24-108	3	20	
Pentachlorophenol	ug/kg	<1990	4180	4180	2350	2090	56	50	10-139	11	20	
Phenanthrene	ug/kg	<410	4180	4180	3150	2260	75	54	28-113	33	20	R1
Phenol	ug/kg	<410	4180	4180	2330	2270	56	54	10-117	3	20	
Pyrene	ug/kg	<410	4180	4180	3980	2560	95	61	18-130	43	20	R1
2,4,6-Tribromophenol (S)	%.						65	63	10-114			
2-Fluorobiphenyl (S)	%.						65	62	21-96			
2-Fluorophenol (S)	%.						66	63	16-104			
Nitrobenzene-d5 (S)	%.						62	62	18-98			
p-Terphenyl-d14 (S)	%.						70	69	29-124			
Phenol-d5 (S)	%.						63	61	18-108			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

QC Batch: 489783 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 50219184016, 50219184017

METHOD BLANK: 2259432 Matrix: Water
Associated Lab Samples: 50219184016, 50219184017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	<0.010	0.010	03/18/19 20:00	
2,4,5-Trichlorophenol	mg/L	<0.050	0.050	03/18/19 20:00	
2,4,6-Trichlorophenol	mg/L	<0.010	0.010	03/18/19 20:00	
2,4-Dinitrotoluene	mg/L	<0.010	0.010	03/18/19 20:00	
2-Methylphenol(o-Cresol)	mg/L	<0.010	0.010	03/18/19 20:00	
3&4-Methylphenol(m&p Cresol)	mg/L	<0.020	0.020	03/18/19 20:00	
Hexachloro-1,3-butadiene	mg/L	<0.010	0.010	03/18/19 20:00	
Hexachlorobenzene	mg/L	<0.010	0.010	03/18/19 20:00	
Hexachloroethane	mg/L	<0.010	0.010	03/18/19 20:00	
Nitrobenzene	mg/L	<0.010	0.010	03/18/19 20:00	
Pentachlorophenol	mg/L	<0.050	0.050	03/18/19 20:00	
Pyridine	mg/L	<0.010	0.010	03/18/19 20:00	
2,4,6-Tribromophenol (S)	%	85	33-108	03/18/19 20:00	
2-Fluorobiphenyl (S)	%	69	19-93	03/18/19 20:00	
2-Fluorophenol (S)	%	47	10-59	03/18/19 20:00	
Nitrobenzene-d5 (S)	%	74	27-95	03/18/19 20:00	
p-Terphenyl-d14 (S)	%	109	11-147	03/18/19 20:00	
Phenol-d5 (S)	%	32	10-42	03/18/19 20:00	

LABORATORY CONTROL SAMPLE: 2259433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	0.1	0.039	39	10-83	
2,4,5-Trichlorophenol	mg/L	0.1	0.083	83	39-101	
2,4,6-Trichlorophenol	mg/L	0.1	0.084	84	39-109	
2,4-Dinitrotoluene	mg/L	0.1	0.074	74	39-111	
2-Methylphenol(o-Cresol)	mg/L	0.1	0.059	59	29-86	
3&4-Methylphenol(m&p Cresol)	mg/L	0.2	0.11	54	22-84	
Hexachloro-1,3-butadiene	mg/L	0.1	0.032	32	10-90	
Hexachlorobenzene	mg/L	0.1	0.064	64	31-117	
Hexachloroethane	mg/L	0.1	0.024	24	10-81	
Nitrobenzene	mg/L	0.1	0.068	68	40-96	
Pentachlorophenol	mg/L	0.1	0.081	81	33-121	
Pyridine	mg/L	0.1	0.029	29	10-52	
2,4,6-Tribromophenol (S)	%			81	33-108	
2-Fluorobiphenyl (S)	%			64	19-93	
2-Fluorophenol (S)	%			44	10-59	
Nitrobenzene-d5 (S)	%			66	27-95	
p-Terphenyl-d14 (S)	%			106	11-147	
Phenol-d5 (S)	%			26	10-42	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

MATRIX SPIKE SAMPLE:		2259434					
Parameter	Units	50218787001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	<0.10	1	0.45	45	13-72	
2,4,5-Trichlorophenol	mg/L	<0.50	1	0.86	86	36-101	
2,4,6-Trichlorophenol	mg/L	<0.10	1	0.85	85	30-106	
2,4-Dinitrotoluene	mg/L	<0.10	1	0.72	72	36-97	
2-Methylphenol(o-Cresol)	mg/L	<0.10	1	0.64	64	24-84	
3&4-Methylphenol(m&p Cresol)	mg/L	<0.20	2	1.1	57	17-82	
Hexachloro-1,3-butadiene	mg/L	<0.10	1	0.36	36	10-82	
Hexachlorobenzene	mg/L	<0.10	1	0.65	65	20-99	
Hexachloroethane	mg/L	<0.10	1	0.27	27	10-73	
Nitrobenzene	mg/L	<0.10	1	0.72	72	32-92	
Pentachlorophenol	mg/L	<0.50	1	0.83	83	27-122	
Pyridine	mg/L	<0.10	1	0.25	25	10-55	
2,4,6-Tribromophenol (S)	%.				82	33-108	
2-Fluorobiphenyl (S)	%.				67	19-93	
2-Fluorophenol (S)	%.				46	10-59	
Nitrobenzene-d5 (S)	%.				73	27-95	
p-Terphenyl-d14 (S)	%.				98	11-147	
Phenol-d5 (S)	%.				27	10-42	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

QC Batch:	489834	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50219184001, 50219184002, 50219184003, 50219184004, 50219184005, 50219184006, 50219184007, 50219184008, 50219184009, 50219184010, 50219184011, 50219184012, 50219184013, 50219184014, 50219184015		

SAMPLE DUPLICATE: 2259598

Parameter	Units	50218994001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	9.0	19	5	R1

SAMPLE DUPLICATE: 2259599

Parameter	Units	50219184015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.9	20.3	2	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Peregrine Falcon Redevelopment
Pace Project No.: 50219184

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
 ND - Not Detected at or above adjusted reporting limit.
 TNTC - Too Numerous To Count
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
 MDL - Adjusted Method Detection Limit.
 PQL - Practical Quantitation Limit.
 RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
 S - Surrogate
 1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
 Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
 LCS(D) - Laboratory Control Sample (Duplicate)
 MS(D) - Matrix Spike (Duplicate)
 DUP - Sample Duplicate
 RPD - Relative Percent Difference
 NC - Not Calculable.
 SG - Silica Gel - Clean-Up
 U - Indicates the compound was analyzed for, but not detected.
 N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
 Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
 TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d	The relative percent difference (RPD) value is outside control limits due to sample non-homogeneity.
2d	The temperature in the TCLP/ZHE extraction area was outside the method required range of 21-25 degrees C.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
H7	Re-extraction or re-analysis could not be performed within method holding time.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50219184016	7C-S.Stockpile 2(Composite)	EPA 3010	489795	EPA 6010	490126
50219184017	7C-S.Stockpile 4(Composite)	EPA 3010	489795	EPA 6010	490126
50219184001	7C-11031-SB-37(1-2')	EPA 3050B	489913	EPA 6020	490117
50219184002	7C-11031-SB-37(4-5')	EPA 3050B	489913	EPA 6020	490117
50219184003	7C-11031-SB-38(1-2')	EPA 3050B	489913	EPA 6020	490117
50219184004	7C-11031-SB-38(7-8')	EPA 3050B	489913	EPA 6020	490117
50219184005	7C-11081-SB-39(3-4')	EPA 3050B	489913	EPA 6020	490117
50219184006	7C-11081-SB-39(6-7')	EPA 3050B	489913	EPA 6020	490117
50219184007	7C-11081-SB-40(5-6')	EPA 3050B	489913	EPA 6020	490117
50219184008	7C-11081-SB-40(12-13')	EPA 3050B	489913	EPA 6020	490117
50219184009	7C-11081-SB-41(1-2')	EPA 3050B	489913	EPA 6020	490117
50219184010	7C-11081-SB-41(4-5')	EPA 3050B	489913	EPA 6020	490117
50219184011	7C-11081-SB-42(3-4')	EPA 3050B	489913	EPA 6020	490117
50219184012	7C-11081-SB-42(6-7')	EPA 3050B	489913	EPA 6020	490117
50219184013	7C-11081-SB-43(1-2')	EPA 3050B	489913	EPA 6020	490117
50219184014	7C-11081-SB-44(7-8')	EPA 3050B	489913	EPA 6020	490117
50219184015	7C-11081-SB-44(9-10')	EPA 3050B	489913	EPA 6020	490117
50219184016	7C-S.Stockpile 2(Composite)	EPA 7470	489815	EPA 7470	489933
50219184017	7C-S.Stockpile 4(Composite)	EPA 7470	489815	EPA 7470	489933
50219184001	7C-11031-SB-37(1-2')	EPA 7471	490029	EPA 7471	490429
50219184002	7C-11031-SB-37(4-5')	EPA 7471	490029	EPA 7471	490429
50219184003	7C-11031-SB-38(1-2')	EPA 7471	490029	EPA 7471	490429
50219184004	7C-11031-SB-38(7-8')	EPA 7471	490029	EPA 7471	490429
50219184005	7C-11081-SB-39(3-4')	EPA 7471	490029	EPA 7471	490429
50219184006	7C-11081-SB-39(6-7')	EPA 7471	490029	EPA 7471	490429
50219184007	7C-11081-SB-40(5-6')	EPA 7471	490029	EPA 7471	490429
50219184008	7C-11081-SB-40(12-13')	EPA 7471	490029	EPA 7471	490429
50219184009	7C-11081-SB-41(1-2')	EPA 7471	490029	EPA 7471	490429
50219184010	7C-11081-SB-41(4-5')	EPA 7471	490029	EPA 7471	490429
50219184011	7C-11081-SB-42(3-4')	EPA 7471	490029	EPA 7471	490429
50219184012	7C-11081-SB-42(6-7')	EPA 7471	490029	EPA 7471	490429
50219184013	7C-11081-SB-43(1-2')	EPA 7471	490029	EPA 7471	490429
50219184014	7C-11081-SB-44(7-8')	EPA 7471	490029	EPA 7471	490429
50219184015	7C-11081-SB-44(9-10')	EPA 7471	490029	EPA 7471	490429
50219184001	7C-11031-SB-37(1-2')	EPA 3546	490209	EPA 8270	490399
50219184002	7C-11031-SB-37(4-5')	EPA 3546	490209	EPA 8270	490399
50219184003	7C-11031-SB-38(1-2')	EPA 3546	490209	EPA 8270	490399
50219184004	7C-11031-SB-38(7-8')	EPA 3546	490209	EPA 8270	490399
50219184005	7C-11081-SB-39(3-4')	EPA 3546	490209	EPA 8270	490399
50219184006	7C-11081-SB-39(6-7')	EPA 3546	490209	EPA 8270	490399
50219184007	7C-11081-SB-40(5-6')	EPA 3546	490209	EPA 8270	490399
50219184008	7C-11081-SB-40(12-13')	EPA 3546	490209	EPA 8270	490399
50219184009	7C-11081-SB-41(1-2')	EPA 3546	490209	EPA 8270	490399
50219184010	7C-11081-SB-41(4-5')	EPA 3546	490209	EPA 8270	490399
50219184011	7C-11081-SB-42(3-4')	EPA 3546	490209	EPA 8270	490399
50219184012	7C-11081-SB-42(6-7')	EPA 3546	490209	EPA 8270	490399
50219184013	7C-11081-SB-43(1-2')	EPA 3546	490209	EPA 8270	490399

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon Redevelopment

Pace Project No.: 50219184

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50219184014	7C-11081-SB-44(7-8')	EPA 3546	490209	EPA 8270	490399
50219184015	7C-11081-SB-44(9-10')	EPA 3546	490209	EPA 8270	490399
50219184016	7C-S.Stockpile 2(Composite)	EPA 3510	489783	EPA 8270	490089
50219184017	7C-S.Stockpile 4(Composite)	EPA 3510	489783	EPA 8270	490089
50219184016	7C-S.Stockpile 2(Composite)	EPA 5030/8260	489704		
50219184017	7C-S.Stockpile 4(Composite)	EPA 5030/8260	489704		
50219184001	7C-11031-SB-37(1-2')	EPA 8260	490086		
50219184002	7C-11031-SB-37(4-5')	EPA 8260	490086		
50219184003	7C-11031-SB-38(1-2')	EPA 8260	490086		
50219184004	7C-11031-SB-38(7-8')	EPA 8260	490086		
50219184005	7C-11081-SB-39(3-4')	EPA 8260	490086		
50219184006	7C-11081-SB-39(6-7')	EPA 8260	490086		
50219184007	7C-11081-SB-40(5-6')	EPA 8260	490086		
50219184008	7C-11081-SB-40(12-13')	EPA 8260	490086		
50219184009	7C-11081-SB-41(1-2')	EPA 8260	490086		
50219184010	7C-11081-SB-41(4-5')	EPA 8260	490086		
50219184011	7C-11081-SB-42(3-4')	EPA 8260	490086		
50219184012	7C-11081-SB-42(6-7')	EPA 8260	490086		
50219184013	7C-11081-SB-43(1-2')	EPA 8260	490086		
50219184014	7C-11081-SB-44(7-8')	EPA 8260	490086		
50219184015	7C-11081-SB-44(9-10')	EPA 8260	490086		
50219184001	7C-11031-SB-37(1-2')	SM 2540G	489834		
50219184002	7C-11031-SB-37(4-5')	SM 2540G	489834		
50219184003	7C-11031-SB-38(1-2')	SM 2540G	489834		
50219184004	7C-11031-SB-38(7-8')	SM 2540G	489834		
50219184005	7C-11081-SB-39(3-4')	SM 2540G	489834		
50219184006	7C-11081-SB-39(6-7')	SM 2540G	489834		
50219184007	7C-11081-SB-40(5-6')	SM 2540G	489834		
50219184008	7C-11081-SB-40(12-13')	SM 2540G	489834		
50219184009	7C-11081-SB-41(1-2')	SM 2540G	489834		
50219184010	7C-11081-SB-41(4-5')	SM 2540G	489834		
50219184011	7C-11081-SB-42(3-4')	SM 2540G	489834		
50219184012	7C-11081-SB-42(6-7')	SM 2540G	489834		
50219184013	7C-11081-SB-43(1-2')	SM 2540G	489834		
50219184014	7C-11081-SB-44(7-8')	SM 2540G	489834		
50219184015	7C-11081-SB-44(9-10')	SM 2540G	489834		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

W0#: 50219184



Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company:	DLZ Michigan	Report To:	Daniel McNeely
Address:	1425 Keystone Avenue	Copy To:	
Lansing, MI 48911		Company Name:	
Email:	dmcneely@dlz.com	Address:	
Phone:	(517)256-2126	Pace Quote:	
Requested Due Date:		Pace Project Manager:	brian.hall@pacelabs.com
		Pace Profile #	8007
		Regulatory Agency	
		State / Location	MI

Section C

Invoice Information:

Project Name:	Pagetime Falcon Redevelopment
Project #:	1842684600

Page : 1 Of 2

ITEM #	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	MI																																																																																																																																																																																																																																																																																																																									
					START	END	DATE	TIME		H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Unpreserved			Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI			VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs	PAHs by 8270 - 5 VOCs	Metals - Cd, Cr, Pb	MI 10 Metals	PCBs by 8082	TCLP Metals, RCI	VOCs

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS		TEMP in C	Received on	Ice (Y/N)	Custody (Y/N)	Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
	SIGNATURE	DATE	SIGNATURE	DATE			DATE	TIME							
	<i>[Signature]</i>	3/21/19	<i>[Signature]</i>	3/21/19	3/21/19	1256									
	<i>[Signature]</i>	3/21/19	<i>[Signature]</i>	3/21/19	3/21/19	1810									

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information: Company: DLZ Michigan Address: 1425 Keystone Avenue Lansing, MI 48911 Email: dmcreely@dlz.com Phone: (517) 256-2126 Fax: _____ Requested Due Date: _____		Required Project Information: Report To: Daniel McNesly Copy To: _____ Purchase Order #: _____ Project Name: Peregrine Falcon Redevelopment Project #: _____		Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Pace Quote: _____ Pace Project Manager: brian.hall@pacelabs.com Pace Profile #: 8007		Page: 2 Of 2	
				Regulatory Agency			
				State / Location			

[illegible]

Sample Conditions Upon Receipt Form (SCUR)

Date: <u>3-12-19</u>	Evaluated by: <u>JN</u>	Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number 50219184
Client: <u>DLZ-PEREGRINE</u>		
Profile ID: <u>8007</u>	Project Manager: <u>BH</u>	
Sample Receiving Non Conformance Form Required: YES ☒ NO ☐		Rush Turn Around Time Requested: YES ☐ NO ☒ Due Date:
Page <u>1</u> Of <u>1</u>	Lab Notified of Rush or Short Holds: YES ☐ NO ☐	

Lab Sample Receipt Checklist:

Samples Received Via:	FEDEX	UPS	CLIENT	PACE COURIER
Custody Seals Present and Intact:	YES	NO	☒ NA	
USDA Regulated Soils:	YES	NO	☒ NA	
Short Holds Present (< 72 Hours):	YES	☒ NO	NA	
Samples Received in Hold:	☒ YES	NO	NA	
Custody Signatures Present:	☒ YES	NO	NA	
Collector Signature Present:	☒ YES	NO	NA	
Samples Received On Ice:				
Type of Ice: ☒ WET ☐ BLUE ☐ DRY ☐ NONE	☒ YES	NO	NA	
Packing Material Used:	☒ YES	NO	NA	
IR Gun #: 202 ☒ 402 Temp should be 0-6°C	Cooler Temp Upon Receipt: <u>2.8</u> °C			
Temp Blank Received:	YES	☒ NO	NA	
Trip Blank Received: Type: HCL MeOH TSP OTHER	YES	☒ NO	NA	
Bottles Intact:	☒ YES	NO	NA	
Correct Bottles:	YES	☒ NO	NA	SEE NCF
Sufficient Volume:	? YES	NO	NA	SEE NCF
Sample pH Acceptable: All containers needing preservation are found to be in compliance with EPA recommendation Exceptions are VOA, coliform, TOC, O & G, HEM, DRO	YES	NO	☒ NA	pH Strip Lot Number:
VOA Headspace Acceptable (<6mm):	YES	NO	☒ NA	
Comments:				

pg 1/2

Sample Receiving Non-Conformance Form (NCF)

Date: 3-12-19	Evaluated by: JN
Client: DLZ - PEREGRINE	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50219184

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	☒ Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above:

* SAMPLE CONTAINER AMOUNTS ARE NOT MATCHING (SEE ATTACHED FORM FOR WHAT WAS RECEIVED)

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
☒ Samples: Insufficient volume received SEE ATTACHED FORM	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

Comments/Details:

* 2 SAMPLES NOT LISTED ON COC
* 5. STOCKPILE 2 COMPOSITE 3/5/19 @ 0950 (1-WGFU, 1-BG1U)
* 7C-5 STOCKPILE 4 COMPOSITE 3/5/19 @ 1000

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client: DLZ	Contacted per: email
PM Initials: B04	Date/Time:

Client Comments/Instructions:

- Added missing samples to COC - they were missing from prior submittal and was notified they would come in by Dan McNeely
- log in per actual containers received - analyses need 1 4oz jar + 1 40mL MeOH

Sample Receiving Non-Conformance Form (NCF)

Date: 3/13/19	Evaluated by: aw/DN
Client: DLZ	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

50219184

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above:

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other: Wrong preservative type?

Comments/Details:

- 001, 002, -003, -004, -005, -006, -007, -008 jars all have "MeOH" written as the preservative.

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:
PM Initials:	Date/Time:

Client Comments/Instructions:

March 29, 2019

Daniel McNeely
DLZ
1425 Keystone Avenue
Lansing, MI 48911

RE: Project: Peregrine Falcon - Site 7C
Pace Project No.: 50219848

Dear Daniel McNeely:

Enclosed are the analytical results for sample(s) received by the laboratory on March 19, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Hall
brian.hall@pacelabs.com
(616)975-4500
Project Manager

Enclosures

cc: Thomas Kaugher, DLZ Michigan



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #: 74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas/NELAP Certification #: E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #: 98019
Michigan Department of Environmental Quality, Laboratory #9050

Ohio VAP Certification #: CL0065
Oklahoma Certification #: 2018-101
Texas Certification #: T104704355
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-16-00257

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50219848001	Site 7C-11031-SB-45(Composite)	Solid	03/19/19 08:45	03/19/19 18:10
50219848002	Site 7C-11031-SB-46(Composite)	Solid	03/19/19 09:00	03/19/19 18:10
50219848003	Site 7C-11031-SB-47(Composite)	Solid	03/19/19 09:35	03/19/19 18:10
50219848004	Site 7C-11031-SB-48(Composite)	Solid	03/19/19 10:10	03/19/19 18:10
50219848005	Site 7C-11031-SB-49(Composite)	Solid	03/19/19 10:30	03/19/19 18:10
50219848006	Site 7C-11031-SB-50(Composite)	Solid	03/19/19 10:50	03/19/19 18:10
50219848007	Site 7C-11031-SB-51(Composite)	Solid	03/19/19 11:10	03/19/19 18:10
50219848008	Site 7C-11031-SB-52(Composite)	Solid	03/19/19 11:40	03/19/19 18:10
50219848009	Site 7C-11081-SB-53(Composite)	Solid	03/19/19 12:50	03/19/19 18:10
50219848010	Site 7C-11081-SB-54(Composite)	Solid	03/19/19 13:10	03/19/19 18:10
50219848011	Site 7C-11081-SB-55(Composite)	Solid	03/19/19 13:20	03/19/19 18:10
50219848012	Site 7C-11081-SB-56(Composite)	Solid	03/19/19 13:40	03/19/19 18:10

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50219848001	Site 7C-11031-SB-45(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848002	Site 7C-11031-SB-46(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848003	Site 7C-11031-SB-47(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848004	Site 7C-11031-SB-48(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848005	Site 7C-11031-SB-49(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848006	Site 7C-11031-SB-50(Composite)	EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
50219848007	Site 7C-11031-SB-51(Composite)	EPA 8082	RID	8	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50219848008	Site 7C-11031-SB-52(Composite)	EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
50219848009	Site 7C-11081-SB-53(Composite)	SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
50219848010	Site 7C-11081-SB-54(Composite)	EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
50219848011	Site 7C-11081-SB-55(Composite)	EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
50219848012	Site 7C-11081-SB-56(Composite)	SM 2540G	MLS	1	PASI-I
		EPA 8082	RID	8	PASI-I
		EPA 6010D	DM	9	PASI-M
		EPA 7470A	LMW	1	PASI-M
		EPA 8270D	AT1	18	PASI-M
		EPA 8260B	DS2	14	PASI-M
		SM 2540G	MLS	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-45(Composite) **Lab ID:** 50219848001 **Collected:** 03/19/19 08:45 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	12674-11-2	
PCB-1221 (Aroclor 1221)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	11104-28-2	
PCB-1232 (Aroclor 1232)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	11141-16-5	
PCB-1242 (Aroclor 1242)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	53469-21-9	
PCB-1248 (Aroclor 1248)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	12672-29-6	
PCB-1254 (Aroclor 1254)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	11097-69-1	
PCB-1260 (Aroclor 1260)	<118	ug/kg	118	1	03/27/19 09:45	03/27/19 22:02	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	78	%.	26-140	1	03/27/19 09:45	03/27/19 22:02	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.92; Final pH: 1.68								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:08	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:08	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:08	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:08	7440-47-3	
Copper	14400	ug/L	100	1	03/27/19 11:58	03/28/19 11:08	7440-50-8	
Lead	1.7	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:08	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:08	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:08	7440-22-4	
Zinc	2710	ug/L	500	1	03/27/19 11:58	03/28/19 11:08	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.92; Final pH: 1.68								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 14:48	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.92; Final pH: 1.68								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/28/19 21:39	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 21:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%.	47-125	1	03/27/19 11:43	03/28/19 21:39	4165-60-0	
2-Fluorobiphenyl (S)	69	%.	45-125	1	03/27/19 11:43	03/28/19 21:39	321-60-8	
p-Terphenyl-d14 (S)	99	%.	64-125	1	03/27/19 11:43	03/28/19 21:39	1718-51-0	
Phenol-d6 (S)	29	%.	30-125	1	03/27/19 11:43	03/28/19 21:39	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-45(Composite) **Lab ID:** 50219848001 **Collected:** 03/19/19 08:45 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.92; Final pH: 1.68								
Surrogates								
2-Fluorophenol (S)	43	%	32-125	1	03/27/19 11:43	03/28/19 21:39	367-12-4	
2,4,6-Tribromophenol (S)	89	%	60-125	1	03/27/19 11:43	03/28/19 21:39	118-79-6	
8260B MSV TCLP								
Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20								
Benzene	<25.0	ug/L	25.0	1		03/27/19 15:00	71-43-2	
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 15:00	78-93-3	
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 15:00	56-23-5	
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:00	108-90-7	
Chloroform	<25.0	ug/L	25.0	1		03/27/19 15:00	67-66-3	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:00	106-46-7	
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 15:00	107-06-2	
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 15:00	75-35-4	
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 15:00	127-18-4	
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 15:00	79-01-6	
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 15:00	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/27/19 15:00	17060-07-0	
Toluene-d8 (S)	93	%	75-125	1		03/27/19 15:00	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125	1		03/27/19 15:00	460-00-4	
Percent Moisture								
Analytical Method: SM 2540G								
Percent Moisture	15.9	%	0.10	1		03/27/19 12:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-46(Composite) **Lab ID:** 50219848002 **Collected:** 03/19/19 09:00 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	12674-11-2	
PCB-1221 (Aroclor 1221)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	11104-28-2	
PCB-1232 (Aroclor 1232)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	11141-16-5	
PCB-1242 (Aroclor 1242)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	53469-21-9	
PCB-1248 (Aroclor 1248)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	12672-29-6	
PCB-1254 (Aroclor 1254)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	11097-69-1	
PCB-1260 (Aroclor 1260)	<118	ug/kg	118	1	03/27/19 09:45	03/28/19 14:32	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	83	%.	26-140	1	03/27/19 09:45	03/28/19 14:32	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.51; Final pH: 1.81								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:16	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:16	7440-39-3	
Cadmium	0.084	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:16	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:16	7440-47-3	
Copper	11500	ug/L	100	1	03/27/19 11:58	03/28/19 11:16	7440-50-8	
Lead	15.4	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:16	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:16	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:16	7440-22-4	
Zinc	14700	ug/L	500	1	03/27/19 11:58	03/28/19 11:16	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.51; Final pH: 1.81								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 14:55	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.51; Final pH: 1.81								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/28/19 22:07	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	71	%.	47-125	1	03/27/19 11:43	03/28/19 22:07	4165-60-0	
2-Fluorobiphenyl (S)	66	%.	45-125	1	03/27/19 11:43	03/28/19 22:07	321-60-8	
p-Terphenyl-d14 (S)	95	%.	64-125	1	03/27/19 11:43	03/28/19 22:07	1718-51-0	
Phenol-d6 (S)	29	%.	30-125	1	03/27/19 11:43	03/28/19 22:07	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-46(Composite) **Lab ID:** 50219848002 **Collected:** 03/19/19 09:00 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 8.51; Final pH: 1.81

Surrogates

2-Fluorophenol (S)	40	%	32-125	1	03/27/19 11:43	03/28/19 22:07	367-12-4
2,4,6-Tribromophenol (S)	91	%	60-125	1	03/27/19 11:43	03/28/19 22:07	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 15:17	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 15:17	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 15:17	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:17	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 15:17	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:17	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 15:17	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 15:17	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 15:17	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 15:17	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 15:17	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	99	%	75-125	1		03/27/19 15:17	17060-07-0
Toluene-d8 (S)	93	%	75-125	1		03/27/19 15:17	2037-26-5
4-Bromofluorobenzene (S)	100	%	75-125	1		03/27/19 15:17	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.1	%	0.10	1		03/27/19 12:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-47(Composite) **Lab ID:** 50219848003 **Collected:** 03/19/19 09:35 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	12674-11-2	
PCB-1221 (Aroclor 1221)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	11104-28-2	
PCB-1232 (Aroclor 1232)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	11141-16-5	
PCB-1242 (Aroclor 1242)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	53469-21-9	
PCB-1248 (Aroclor 1248)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	12672-29-6	
PCB-1254 (Aroclor 1254)	<375	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	11097-69-1	
PCB-1260 (Aroclor 1260)	646	ug/kg	375	3	03/28/19 11:00	03/29/19 13:35	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	45	%.	26-140	3	03/28/19 11:00	03/29/19 13:35	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.64; Final pH: 1.74								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:18	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:18	7440-39-3	
Cadmium	4.2	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:18	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:18	7440-47-3	
Copper	152	ug/L	100	1	03/27/19 11:58	03/28/19 11:18	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:18	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:18	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:18	7440-22-4	
Zinc	<500	ug/L	500	1	03/27/19 11:58	03/28/19 11:18	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.64; Final pH: 1.74								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:01	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.64; Final pH: 1.74								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/28/19 22:36	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 22:36	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	86	%.	47-125	1	03/27/19 11:43	03/28/19 22:36	4165-60-0	
2-Fluorobiphenyl (S)	79	%.	45-125	1	03/27/19 11:43	03/28/19 22:36	321-60-8	
p-Terphenyl-d14 (S)	101	%.	64-125	1	03/27/19 11:43	03/28/19 22:36	1718-51-0	
Phenol-d6 (S)	32	%.	30-125	1	03/27/19 11:43	03/28/19 22:36	13127-88-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-47(Composite) **Lab ID:** 50219848003 **Collected:** 03/19/19 09:35 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.64; Final pH: 1.74								
Surrogates								
2-Fluorophenol (S)	48	%.	32-125	1	03/27/19 11:43	03/28/19 22:36	367-12-4	
2,4,6-Tribromophenol (S)	104	%.	60-125	1	03/27/19 11:43	03/28/19 22:36	118-79-6	
8260B MSV TCLP								
Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20								
Benzene	<25.0	ug/L	25.0	1		03/27/19 15:34	71-43-2	
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 15:34	78-93-3	
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 15:34	56-23-5	
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:34	108-90-7	
Chloroform	<25.0	ug/L	25.0	1		03/27/19 15:34	67-66-3	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:34	106-46-7	
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 15:34	107-06-2	
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 15:34	75-35-4	
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 15:34	127-18-4	
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 15:34	79-01-6	
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 15:34	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	75-125	1		03/27/19 15:34	17060-07-0	
Toluene-d8 (S)	94	%.	75-125	1		03/27/19 15:34	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/27/19 15:34	460-00-4	
Percent Moisture								
Analytical Method: SM 2540G								
Percent Moisture	20.2	%	0.10	1		03/27/19 12:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-48(Composite) **Lab ID:** 50219848004 **Collected:** 03/19/19 10:10 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	12674-11-2	
PCB-1221 (Aroclor 1221)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	11104-28-2	
PCB-1232 (Aroclor 1232)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	11141-16-5	
PCB-1242 (Aroclor 1242)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	53469-21-9	
PCB-1248 (Aroclor 1248)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	12672-29-6	
PCB-1254 (Aroclor 1254)	126	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	11097-69-1	
PCB-1260 (Aroclor 1260)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 17:58	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	52	%.	26-140	1	03/28/19 11:00	03/28/19 17:58	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.86; Final pH: 4.2								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:19	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:19	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:19	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:19	7440-47-3	
Copper	<100	ug/L	100	1	03/27/19 11:58	03/28/19 11:19	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:19	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:19	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:19	7440-22-4	
Zinc	1280	ug/L	500	1	03/27/19 11:58	03/28/19 11:19	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.86; Final pH: 4.2								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:03	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.86; Final pH: 4.2								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/28/19 23:04	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:04	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%.	47-125	1	03/27/19 11:43	03/28/19 23:04	4165-60-0	
2-Fluorobiphenyl (S)	71	%.	45-125	1	03/27/19 11:43	03/28/19 23:04	321-60-8	
p-Terphenyl-d14 (S)	97	%.	64-125	1	03/27/19 11:43	03/28/19 23:04	1718-51-0	
Phenol-d6 (S)	29	%.	30-125	1	03/27/19 11:43	03/28/19 23:04	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-48(Composite) **Lab ID:** 50219848004 Collected: 03/19/19 10:10 Received: 03/19/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.86; Final pH: 4.2								
Surrogates								
2-Fluorophenol (S)	46	%.	32-125	1	03/27/19 11:43	03/28/19 23:04	367-12-4	
2,4,6-Tribromophenol (S)	95	%.	60-125	1	03/27/19 11:43	03/28/19 23:04	118-79-6	
8260B MSV TCLP								
Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20								
Benzene	<25.0	ug/L	25.0	1		03/27/19 15:51	71-43-2	
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 15:51	78-93-3	
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 15:51	56-23-5	
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:51	108-90-7	
Chloroform	<25.0	ug/L	25.0	1		03/27/19 15:51	67-66-3	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 15:51	106-46-7	
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 15:51	107-06-2	
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 15:51	75-35-4	
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 15:51	127-18-4	
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 15:51	79-01-6	
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 15:51	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/27/19 15:51	17060-07-0	
Toluene-d8 (S)	93	%.	75-125	1		03/27/19 15:51	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/27/19 15:51	460-00-4	
Percent Moisture								
Analytical Method: SM 2540G								
Percent Moisture	16.7	%	0.10	1		03/27/19 12:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-49(Composite) **Lab ID:** 50219848005 **Collected:** 03/19/19 10:30 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	12674-11-2	
PCB-1221 (Aroclor 1221)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	11104-28-2	
PCB-1232 (Aroclor 1232)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	11141-16-5	
PCB-1242 (Aroclor 1242)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	53469-21-9	
PCB-1248 (Aroclor 1248)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	12672-29-6	
PCB-1254 (Aroclor 1254)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	11097-69-1	
PCB-1260 (Aroclor 1260)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:07	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	67	%.	26-140	1	03/28/19 11:00	03/28/19 18:07	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.03; Final pH: 1.65								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:27	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:27	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:27	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:27	7440-47-3	
Copper	<100	ug/L	100	1	03/27/19 11:58	03/28/19 11:27	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:27	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:27	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:27	7440-22-4	
Zinc	<500	ug/L	500	1	03/27/19 11:58	03/28/19 11:27	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.03; Final pH: 1.65								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:05	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.03; Final pH: 1.65								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/28/19 23:33	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/28/19 23:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%.	47-125	1	03/27/19 11:43	03/28/19 23:33	4165-60-0	
2-Fluorobiphenyl (S)	64	%.	45-125	1	03/27/19 11:43	03/28/19 23:33	321-60-8	
p-Terphenyl-d14 (S)	91	%.	64-125	1	03/27/19 11:43	03/28/19 23:33	1718-51-0	
Phenol-d6 (S)	33	%.	30-125	1	03/27/19 11:43	03/28/19 23:33	13127-88-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-49(Composite) **Lab ID:** 50219848005 Collected: 03/19/19 10:30 Received: 03/19/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.03; Final pH: 1.65

Surrogates

2-Fluorophenol (S)	47	%	32-125	1	03/27/19 11:43	03/28/19 23:33	367-12-4
2,4,6-Tribromophenol (S)	92	%	60-125	1	03/27/19 11:43	03/28/19 23:33	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 16:08	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 16:08	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 16:08	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:08	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 16:08	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:08	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 16:08	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 16:08	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 16:08	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 16:08	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 16:08	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/27/19 16:08	17060-07-0
Toluene-d8 (S)	93	%	75-125	1		03/27/19 16:08	2037-26-5
4-Bromofluorobenzene (S)	99	%	75-125	1		03/27/19 16:08	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.8	%	0.10	1		03/27/19 12:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-50(Composite) **Lab ID:** 50219848006 **Collected:** 03/19/19 10:50 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	12674-11-2	
PCB-1221 (Aroclor 1221)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	11104-28-2	
PCB-1232 (Aroclor 1232)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	11141-16-5	
PCB-1242 (Aroclor 1242)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	53469-21-9	
PCB-1248 (Aroclor 1248)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	12672-29-6	
PCB-1254 (Aroclor 1254)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	11097-69-1	
PCB-1260 (Aroclor 1260)	<124	ug/kg	124	1	03/28/19 11:00	03/28/19 18:17	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	67	%.	26-140	1	03/28/19 11:00	03/28/19 18:17	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.7; Final pH: 2.28								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:28	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:28	7440-39-3	
Cadmium	0.41	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:28	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:28	7440-47-3	
Copper	<100	ug/L	100	1	03/27/19 11:58	03/28/19 11:28	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:28	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:28	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:28	7440-22-4	
Zinc	986	ug/L	500	1	03/27/19 11:58	03/28/19 11:28	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.7; Final pH: 2.28								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:07	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.7; Final pH: 2.28								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 00:01	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	78	%.	47-125	1	03/27/19 11:43	03/29/19 00:01	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	45-125	1	03/27/19 11:43	03/29/19 00:01	321-60-8	
p-Terphenyl-d14 (S)	94	%.	64-125	1	03/27/19 11:43	03/29/19 00:01	1718-51-0	
Phenol-d6 (S)	27	%.	30-125	1	03/27/19 11:43	03/29/19 00:01	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-50(Composite) **Lab ID:** 50219848006 **Collected:** 03/19/19 10:50 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.7; Final pH: 2.28								
Surrogates								
2-Fluorophenol (S)	43	%.	32-125	1	03/27/19 11:43	03/29/19 00:01	367-12-4	
2,4,6-Tribromophenol (S)	95	%.	60-125	1	03/27/19 11:43	03/29/19 00:01	118-79-6	
8260B MSV TCLP								
Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20								
Benzene	<25.0	ug/L	25.0	1		03/27/19 16:25	71-43-2	
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 16:25	78-93-3	
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 16:25	56-23-5	
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:25	108-90-7	
Chloroform	<25.0	ug/L	25.0	1		03/27/19 16:25	67-66-3	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:25	106-46-7	
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 16:25	107-06-2	
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 16:25	75-35-4	
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 16:25	127-18-4	
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 16:25	79-01-6	
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 16:25	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/27/19 16:25	17060-07-0	
Toluene-d8 (S)	93	%.	75-125	1		03/27/19 16:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/27/19 16:25	460-00-4	
Percent Moisture								
Analytical Method: SM 2540G								
Percent Moisture	20.5	%	0.10	1		03/27/19 12:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-51(Composite) **Lab ID:** 50219848007 **Collected:** 03/19/19 11:10 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	12674-11-2	
PCB-1221 (Aroclor 1221)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	11104-28-2	
PCB-1232 (Aroclor 1232)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	11141-16-5	
PCB-1242 (Aroclor 1242)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	53469-21-9	
PCB-1248 (Aroclor 1248)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	12672-29-6	
PCB-1254 (Aroclor 1254)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	11097-69-1	
PCB-1260 (Aroclor 1260)	<117	ug/kg	117	1	03/28/19 11:00	03/28/19 18:26	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	71	%.	26-140	1	03/28/19 11:00	03/28/19 18:26	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.34; Final pH: 3.06								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:30	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:30	7440-39-3	
Cadmium	0.057	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:30	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:30	7440-47-3	
Copper	145	ug/L	100	1	03/27/19 11:58	03/28/19 11:30	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:30	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:30	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:30	7440-22-4	
Zinc	514	ug/L	500	1	03/27/19 11:58	03/28/19 11:30	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.34; Final pH: 3.06								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:09	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.34; Final pH: 3.06								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 00:30	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	79	%.	47-125	1	03/27/19 11:43	03/29/19 00:30	4165-60-0	
2-Fluorobiphenyl (S)	74	%.	45-125	1	03/27/19 11:43	03/29/19 00:30	321-60-8	
p-Terphenyl-d14 (S)	95	%.	64-125	1	03/27/19 11:43	03/29/19 00:30	1718-51-0	
Phenol-d6 (S)	28	%.	30-125	1	03/27/19 11:43	03/29/19 00:30	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-51(Composite) **Lab ID:** 50219848007 Collected: 03/19/19 11:10 Received: 03/19/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 10.34; Final pH: 3.06								
Surrogates								
2-Fluorophenol (S)	43	%.	32-125	1	03/27/19 11:43	03/29/19 00:30	367-12-4	
2,4,6-Tribromophenol (S)	98	%.	60-125	1	03/27/19 11:43	03/29/19 00:30	118-79-6	
8260B MSV TCLP								
Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20								
Benzene	<25.0	ug/L	25.0	1		03/27/19 16:42	71-43-2	
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 16:42	78-93-3	
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 16:42	56-23-5	
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:42	108-90-7	
Chloroform	<25.0	ug/L	25.0	1		03/27/19 16:42	67-66-3	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:42	106-46-7	
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 16:42	107-06-2	
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 16:42	75-35-4	
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 16:42	127-18-4	
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 16:42	79-01-6	
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 16:42	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/27/19 16:42	17060-07-0	
Toluene-d8 (S)	94	%.	75-125	1		03/27/19 16:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/27/19 16:42	460-00-4	
Percent Moisture								
Analytical Method: SM 2540G								
Percent Moisture	15.4	%	0.10	1		03/27/19 12:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-52(Composite) **Lab ID:** 50219848008 **Collected:** 03/19/19 11:40 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	12674-11-2	
PCB-1221 (Aroclor 1221)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	11104-28-2	
PCB-1232 (Aroclor 1232)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	11141-16-5	
PCB-1242 (Aroclor 1242)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	53469-21-9	
PCB-1248 (Aroclor 1248)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	12672-29-6	
PCB-1254 (Aroclor 1254)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	11097-69-1	
PCB-1260 (Aroclor 1260)	<118	ug/kg	118	1	03/28/19 11:00	03/28/19 18:35	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	73	%.	26-140	1	03/28/19 11:00	03/28/19 18:35	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.38; Final pH: 1.84								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:32	7440-38-2	
Barium	1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:32	7440-39-3	
Cadmium	2.0	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:32	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:32	7440-47-3	
Copper	8890	ug/L	100	1	03/27/19 11:58	03/28/19 11:32	7440-50-8	
Lead	2.5	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:32	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:32	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:32	7440-22-4	
Zinc	7800	ug/L	500	1	03/27/19 11:58	03/28/19 11:32	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.38; Final pH: 1.84								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:11	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.38; Final pH: 1.84								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 00:58	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 00:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%.	47-125	1	03/27/19 11:43	03/29/19 00:58	4165-60-0	
2-Fluorobiphenyl (S)	71	%.	45-125	1	03/27/19 11:43	03/29/19 00:58	321-60-8	
p-Terphenyl-d14 (S)	93	%.	64-125	1	03/27/19 11:43	03/29/19 00:58	1718-51-0	
Phenol-d6 (S)	28	%.	30-125	1	03/27/19 11:43	03/29/19 00:58	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11031-SB-52(Composite) **Lab ID:** 50219848008 **Collected:** 03/19/19 11:40 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.38; Final pH: 1.84

Surrogates

2-Fluorophenol (S)	44	%	32-125	1	03/27/19 11:43	03/29/19 00:58	367-12-4
2,4,6-Tribromophenol (S)	98	%	60-125	1	03/27/19 11:43	03/29/19 00:58	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 16:59	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 16:59	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 16:59	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:59	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 16:59	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 16:59	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 16:59	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 16:59	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 16:59	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 16:59	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 16:59	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/27/19 16:59	17060-07-0
Toluene-d8 (S)	93	%	75-125	1		03/27/19 16:59	2037-26-5
4-Bromofluorobenzene (S)	101	%	75-125	1		03/27/19 16:59	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	15.5	%	0.10	1		03/27/19 12:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-53(Composite) **Lab ID:** 50219848009 **Collected:** 03/19/19 12:50 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	12674-11-2	
PCB-1221 (Aroclor 1221)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	11104-28-2	
PCB-1232 (Aroclor 1232)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	11141-16-5	
PCB-1242 (Aroclor 1242)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	53469-21-9	
PCB-1248 (Aroclor 1248)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	12672-29-6	
PCB-1254 (Aroclor 1254)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	11097-69-1	
PCB-1260 (Aroclor 1260)	<119	ug/kg	119	1	03/28/19 11:00	03/28/19 18:44	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	78	%.	26-140	1	03/28/19 11:00	03/28/19 18:44	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.81; Final pH: 1.98								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:33	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:33	7440-39-3	
Cadmium	0.27	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:33	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:33	7440-47-3	
Copper	2350	ug/L	100	1	03/27/19 11:58	03/28/19 11:33	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:33	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:33	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:33	7440-22-4	
Zinc	558	ug/L	500	1	03/27/19 11:58	03/28/19 11:33	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.81; Final pH: 1.98								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:13	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.81; Final pH: 1.98								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 01:27	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	77	%.	47-125	1	03/27/19 11:43	03/29/19 01:27	4165-60-0	
2-Fluorobiphenyl (S)	68	%.	45-125	1	03/27/19 11:43	03/29/19 01:27	321-60-8	
p-Terphenyl-d14 (S)	92	%.	64-125	1	03/27/19 11:43	03/29/19 01:27	1718-51-0	
Phenol-d6 (S)	27	%.	30-125	1	03/27/19 11:43	03/29/19 01:27	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-53(Composite) **Lab ID:** 50219848009 Collected: 03/19/19 12:50 Received: 03/19/19 18:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.81; Final pH: 1.98

Surrogates

2-Fluorophenol (S)	43	%	32-125	1	03/27/19 11:43	03/29/19 01:27	367-12-4
2,4,6-Tribromophenol (S)	88	%	60-125	1	03/27/19 11:43	03/29/19 01:27	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 17:16	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 17:16	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 17:16	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:16	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 17:16	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:16	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 17:16	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 17:16	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 17:16	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 17:16	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 17:16	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		03/27/19 17:16	17060-07-0
Toluene-d8 (S)	92	%	75-125	1		03/27/19 17:16	2037-26-5
4-Bromofluorobenzene (S)	100	%	75-125	1		03/27/19 17:16	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	16.9	%	0.10	1		03/27/19 12:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-54(Composite) **Lab ID:** 50219848010 **Collected:** 03/19/19 13:10 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	12674-11-2	
PCB-1221 (Aroclor 1221)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	11104-28-2	
PCB-1232 (Aroclor 1232)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	11141-16-5	
PCB-1242 (Aroclor 1242)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	53469-21-9	
PCB-1248 (Aroclor 1248)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	12672-29-6	
PCB-1254 (Aroclor 1254)	432	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	11097-69-1	
PCB-1260 (Aroclor 1260)	<366	ug/kg	366	3	03/28/19 11:00	03/29/19 14:02	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	60	%.	26-140	3	03/28/19 11:00	03/29/19 14:02	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 7.87; Final pH: 1.66								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:35	7440-38-2	
Barium	2.3	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:35	7440-39-3	
Cadmium	0.15	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:35	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:35	7440-47-3	
Copper	325	ug/L	100	1	03/27/19 11:58	03/28/19 11:35	7440-50-8	
Lead	0.91	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:35	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:35	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:35	7440-22-4	
Zinc	1940	ug/L	500	1	03/27/19 11:58	03/28/19 11:35	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 7.87; Final pH: 1.66								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:15	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 7.87; Final pH: 1.66								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 01:55	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 01:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	85	%.	47-125	1	03/27/19 11:43	03/29/19 01:55	4165-60-0	
2-Fluorobiphenyl (S)	77	%.	45-125	1	03/27/19 11:43	03/29/19 01:55	321-60-8	
p-Terphenyl-d14 (S)	99	%.	64-125	1	03/27/19 11:43	03/29/19 01:55	1718-51-0	
Phenol-d6 (S)	31	%.	30-125	1	03/27/19 11:43	03/29/19 01:55	13127-88-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-54(Composite) **Lab ID:** 50219848010 **Collected:** 03/19/19 13:10 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 7.87; Final pH: 1.66

Surrogates

2-Fluorophenol (S)	49	%	32-125	1	03/27/19 11:43	03/29/19 01:55	367-12-4
2,4,6-Tribromophenol (S)	100	%	60-125	1	03/27/19 11:43	03/29/19 01:55	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 17:33	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 17:33	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 17:33	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:33	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 17:33	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:33	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 17:33	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 17:33	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 17:33	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 17:33	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 17:33	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	102	%	75-125	1		03/27/19 17:33	17060-07-0
Toluene-d8 (S)	94	%	75-125	1		03/27/19 17:33	2037-26-5
4-Bromofluorobenzene (S)	102	%	75-125	1		03/27/19 17:33	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	18.3	%	0.10	1		03/27/19 12:43

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-55(Composite) **Lab ID:** 50219848011 **Collected:** 03/19/19 13:20 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	12674-11-2	
PCB-1221 (Aroclor 1221)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	11104-28-2	
PCB-1232 (Aroclor 1232)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	11141-16-5	
PCB-1242 (Aroclor 1242)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	53469-21-9	
PCB-1248 (Aroclor 1248)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	12672-29-6	
PCB-1254 (Aroclor 1254)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	11097-69-1	
PCB-1260 (Aroclor 1260)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:02	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	83	%.	26-140	1	03/28/19 11:00	03/28/19 19:02	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.12; Final pH: 2.12								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:37	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:37	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:37	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:37	7440-47-3	
Copper	202	ug/L	100	1	03/27/19 11:58	03/28/19 11:37	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:37	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:37	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:37	7440-22-4	
Zinc	2800	ug/L	500	1	03/27/19 11:58	03/28/19 11:37	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.12; Final pH: 2.12								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:21	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.12; Final pH: 2.12								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 02:23	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	81	%.	47-125	1	03/27/19 11:43	03/29/19 02:23	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	45-125	1	03/27/19 11:43	03/29/19 02:23	321-60-8	
p-Terphenyl-d14 (S)	94	%.	64-125	1	03/27/19 11:43	03/29/19 02:23	1718-51-0	
Phenol-d6 (S)	28	%.	30-125	1	03/27/19 11:43	03/29/19 02:23	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-55(Composite) **Lab ID:** 50219848011 **Collected:** 03/19/19 13:20 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.12; Final pH: 2.12

Surrogates

2-Fluorophenol (S)	43	%	32-125	1	03/27/19 11:43	03/29/19 02:23	367-12-4
2,4,6-Tribromophenol (S)	92	%	60-125	1	03/27/19 11:43	03/29/19 02:23	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 17:50	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 17:50	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 17:50	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:50	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 17:50	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 17:50	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 17:50	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 17:50	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 17:50	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 17:50	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 17:50	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/27/19 17:50	17060-07-0
Toluene-d8 (S)	93	%	75-125	1		03/27/19 17:50	2037-26-5
4-Bromofluorobenzene (S)	99	%	75-125	1		03/27/19 17:50	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	12.1	%	0.10	1		03/28/19 12:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-56(Composite) **Lab ID:** 50219848012 **Collected:** 03/19/19 13:40 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Solids								
Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	12674-11-2	
PCB-1221 (Aroclor 1221)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	11104-28-2	
PCB-1232 (Aroclor 1232)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	11141-16-5	
PCB-1242 (Aroclor 1242)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	53469-21-9	
PCB-1248 (Aroclor 1248)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	12672-29-6	
PCB-1254 (Aroclor 1254)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	11097-69-1	
PCB-1260 (Aroclor 1260)	<112	ug/kg	112	1	03/28/19 11:00	03/28/19 19:11	11096-82-5	
Surrogates								
Tetrachloro-m-xylene (S)	84	%.	26-140	1	03/28/19 11:00	03/28/19 19:11	877-09-8	
6010D MET ICP, TCLP								
Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.66; Final pH: 3.03								
Arsenic	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:38	7440-38-2	
Barium	<1.0	mg/L	1.0	1	03/27/19 11:58	03/28/19 11:38	7440-39-3	
Cadmium	<0.050	mg/L	0.050	1	03/27/19 11:58	03/28/19 11:38	7440-43-9	
Chromium	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:38	7440-47-3	
Copper	<100	ug/L	100	1	03/27/19 11:58	03/28/19 11:38	7440-50-8	
Lead	<0.50	mg/L	0.50	1	03/27/19 11:58	03/28/19 11:38	7439-92-1	
Selenium	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:38	7782-49-2	
Silver	<0.10	mg/L	0.10	1	03/27/19 11:58	03/28/19 11:38	7440-22-4	
Zinc	734	ug/L	500	1	03/27/19 11:58	03/28/19 11:38	7440-66-6	
7470A Mercury, TCLP								
Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.66; Final pH: 3.03								
Mercury	<0.60	ug/L	0.60	1	03/27/19 14:17	03/29/19 15:23	7439-97-6	
8270D MSSV TCLP								
Analytical Method: EPA 8270D Preparation Method: EPA 3510								
Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.66; Final pH: 3.03								
1,4-Dichlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	106-46-7	
2,4-Dinitrotoluene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	121-14-2	
Hexachloro-1,3-butadiene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	87-68-3	
Hexachlorobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	118-74-1	
Hexachloroethane	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	67-72-1	
2-Methylphenol(o-Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52		
Nitrobenzene	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	98-95-3	
Pentachlorophenol	<200	ug/L	200	1	03/27/19 11:43	03/29/19 02:52	87-86-5	
Pyridine	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	110-86-1	
2,4,5-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	95-95-4	
2,4,6-Trichlorophenol	<100	ug/L	100	1	03/27/19 11:43	03/29/19 02:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	75	%.	47-125	1	03/27/19 11:43	03/29/19 02:52	4165-60-0	
2-Fluorobiphenyl (S)	67	%.	45-125	1	03/27/19 11:43	03/29/19 02:52	321-60-8	
p-Terphenyl-d14 (S)	95	%.	64-125	1	03/27/19 11:43	03/29/19 02:52	1718-51-0	
Phenol-d6 (S)	26	%.	30-125	1	03/27/19 11:43	03/29/19 02:52	13127-88-3	SO

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Sample: Site 7C-11081-SB-56(Composite) **Lab ID:** 50219848012 **Collected:** 03/19/19 13:40 **Received:** 03/19/19 18:10 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

8270D MSSV TCLP

Analytical Method: EPA 8270D Preparation Method: EPA 3510

Leachate Method/Date: EPA 1311; 03/26/19 16:27 Initial pH: 9.66; Final pH: 3.03

Surrogates

2-Fluorophenol (S)	43	%	32-125	1	03/27/19 11:43	03/29/19 02:52	367-12-4
2,4,6-Tribromophenol (S)	91	%	60-125	1	03/27/19 11:43	03/29/19 02:52	118-79-6

8260B MSV TCLP

Analytical Method: EPA 8260B Leachate Method/Date: EPA 1311; 03/27/19 11:20

Benzene	<25.0	ug/L	25.0	1		03/27/19 18:07	71-43-2
2-Butanone (MEK)	<125	ug/L	125	1		03/27/19 18:07	78-93-3
Carbon tetrachloride	<25.0	ug/L	25.0	1		03/27/19 18:07	56-23-5
Chlorobenzene	<25.0	ug/L	25.0	1		03/27/19 18:07	108-90-7
Chloroform	<25.0	ug/L	25.0	1		03/27/19 18:07	67-66-3
1,4-Dichlorobenzene	<25.0	ug/L	25.0	1		03/27/19 18:07	106-46-7
1,2-Dichloroethane	<25.0	ug/L	25.0	1		03/27/19 18:07	107-06-2
1,1-Dichloroethene	<25.0	ug/L	25.0	1		03/27/19 18:07	75-35-4
Tetrachloroethene	<25.0	ug/L	25.0	1		03/27/19 18:07	127-18-4
Trichloroethene	<10.0	ug/L	10.0	1		03/27/19 18:07	79-01-6
Vinyl chloride	<5.0	ug/L	5.0	1		03/27/19 18:07	75-01-4
Surrogates							
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/27/19 18:07	17060-07-0
Toluene-d8 (S)	92	%	75-125	1		03/27/19 18:07	2037-26-5
4-Bromofluorobenzene (S)	100	%	75-125	1		03/27/19 18:07	460-00-4

Percent Moisture

Analytical Method: SM 2540G

Percent Moisture	11.9	%	0.10	1		03/28/19 12:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	596032	Analysis Method:	EPA 7470A
QC Batch Method:	EPA 7470A	Analysis Description:	7470A Mercury TCLP
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

METHOD BLANK:	3222424	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.60	0.60	03/29/19 14:40	

METHOD BLANK:	3220794	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.60	0.60	03/29/19 15:34	

METHOD BLANK:	3220795	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.60	0.60	03/29/19 15:36	

LABORATORY CONTROL SAMPLE:	3222425					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	15	16.9	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												3222426	3222427	
Parameter	Units	50219848001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual		
Mercury	ug/L	<0.60	15	15	16.7	16.7	111	111	80-120	0	20			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	596036	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010	Analysis Description:	6010D TCLP
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

METHOD BLANK:	3222450	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.50	0.50	03/28/19 10:57	
Barium	mg/L	<1.0	1.0	03/28/19 10:57	
Cadmium	mg/L	<0.050	0.050	03/28/19 10:57	
Chromium	mg/L	<0.50	0.50	03/28/19 10:57	
Copper	ug/L	<100	100	03/28/19 10:57	
Lead	mg/L	<0.50	0.50	03/28/19 10:57	
Selenium	mg/L	<0.10	0.10	03/28/19 10:57	
Silver	mg/L	<0.10	0.10	03/28/19 10:57	
Zinc	ug/L	<500	500	03/28/19 10:57	

METHOD BLANK:	3220794	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.50	0.50	03/28/19 10:58	
Barium	mg/L	<1.0	1.0	03/28/19 10:58	
Cadmium	mg/L	<0.050	0.050	03/28/19 10:58	
Chromium	mg/L	<0.50	0.50	03/28/19 10:58	
Copper	ug/L	<100	100	03/28/19 10:58	
Lead	mg/L	<0.50	0.50	03/28/19 10:58	
Selenium	mg/L	<0.10	0.10	03/28/19 10:58	
Silver	mg/L	<0.10	0.10	03/28/19 10:58	
Zinc	ug/L	<500	500	03/28/19 10:58	

METHOD BLANK:	3220795	Matrix:	Water
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.50	0.50	03/28/19 11:05	
Barium	mg/L	<1.0	1.0	03/28/19 11:05	
Cadmium	mg/L	<0.050	0.050	03/28/19 11:05	
Chromium	mg/L	<0.50	0.50	03/28/19 11:05	
Copper	ug/L	<100	100	03/28/19 11:05	
Lead	mg/L	<0.50	0.50	03/28/19 11:05	
Selenium	mg/L	<0.10	0.10	03/28/19 11:05	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

PACE Project No.: 50219848

METHOD BLANK: 3220795

Matrix: Water

Associated Lab Samples: 50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Silver	mg/L	<0.10	0.10	03/28/19 11:05	
Zinc	ug/L	<500	500	03/28/19 11:05	

LABORATORY CONTROL SAMPLE: 3222451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	5	4.9	99	80-120	
Barium	mg/L	5	5.1	102	80-120	
Cadmium	mg/L	5	5.1	102	80-120	
Chromium	mg/L	5	4.9	98	80-120	
Copper	ug/L	5000	4940	99	80-120	
Lead	mg/L	5	4.9	99	80-120	
Selenium	mg/L	5	5.4	108	80-120	
Silver	mg/L	2.5	2.6	104	80-120	
Zinc	ug/L	5000	4910	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222452 3222453

Parameter	Units	50219848001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	<0.50	5	5	5.1	5.1	102	103	75-125	0	20	
Barium	mg/L	<1.0	5	5	6.1	6.1	104	104	75-125	0	20	
Cadmium	mg/L	<0.050	5	5	5.2	5.2	105	104	75-125	0	20	
Chromium	mg/L	<0.50	5	5	5.0	5.0	101	101	75-125	0	20	
Copper	ug/L	14400	5000	5000	20200	20600	116	123	75-125	2	20	
Lead	mg/L	1.7	5	5	6.7	6.8	100	102	75-125	2	20	
Selenium	mg/L	<0.10	5	5	5.6	5.6	111	111	75-125	0	20	
Silver	mg/L	<0.10	2.5	2.5	2.7	2.7	108	107	75-125	0	20	
Zinc	ug/L	2710	5000	5000	7710	7770	100	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	596082	Analysis Method:	EPA 8260B
QC Batch Method:	EPA 8260B	Analysis Description:	8260B MSV TCLP
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

METHOD BLANK: 3222684

Matrix: Water

Associated Lab Samples: 50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<25.0	25.0	03/27/19 14:43	
1,2-Dichloroethane	ug/L	<25.0	25.0	03/27/19 14:43	
1,4-Dichlorobenzene	ug/L	<25.0	25.0	03/27/19 14:43	
2-Butanone (MEK)	ug/L	<125	125	03/27/19 14:43	
Benzene	ug/L	<25.0	25.0	03/27/19 14:43	
Carbon tetrachloride	ug/L	<25.0	25.0	03/27/19 14:43	
Chlorobenzene	ug/L	<25.0	25.0	03/27/19 14:43	
Chloroform	ug/L	<25.0	25.0	03/27/19 14:43	
Tetrachloroethene	ug/L	<25.0	25.0	03/27/19 14:43	
Trichloroethene	ug/L	<10.0	10.0	03/27/19 14:43	
Vinyl chloride	ug/L	<5.0	5.0	03/27/19 14:43	
1,2-Dichloroethane-d4 (S)	%	100	75-125	03/27/19 14:43	
4-Bromofluorobenzene (S)	%	99	75-125	03/27/19 14:43	
Toluene-d8 (S)	%	93	75-125	03/27/19 14:43	

METHOD BLANK: 3221050

Matrix: Solid

Associated Lab Samples: 50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<25.0	25.0	03/27/19 14:43	
1,2-Dichloroethane	ug/L	<25.0	25.0	03/27/19 14:43	
1,4-Dichlorobenzene	ug/L	<25.0	25.0	03/27/19 14:43	
2-Butanone (MEK)	ug/L	<125	125	03/27/19 14:43	
Benzene	ug/L	<25.0	25.0	03/27/19 14:43	
Carbon tetrachloride	ug/L	<25.0	25.0	03/27/19 14:43	
Chlorobenzene	ug/L	<25.0	25.0	03/27/19 14:43	
Chloroform	ug/L	<25.0	25.0	03/27/19 14:43	
Tetrachloroethene	ug/L	<25.0	25.0	03/27/19 14:43	
Trichloroethene	ug/L	<10.0	10.0	03/27/19 14:43	
Vinyl chloride	ug/L	<5.0	5.0	03/27/19 14:43	
1,2-Dichloroethane-d4 (S)	%	100	75-125	03/27/19 14:43	
4-Bromofluorobenzene (S)	%	99	75-125	03/27/19 14:43	
Toluene-d8 (S)	%	93	75-125	03/27/19 14:43	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

LABORATORY CONTROL SAMPLE: 3222685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	500	485	97	73-125	
1,2-Dichloroethane	ug/L	500	510	102	75-125	
1,4-Dichlorobenzene	ug/L	500	450	90	75-125	
2-Butanone (MEK)	ug/L	2500	2770	111	67-127	
Benzene	ug/L	500	495	99	75-125	
Carbon tetrachloride	ug/L	500	512	102	73-125	
Chlorobenzene	ug/L	500	468	94	75-125	
Chloroform	ug/L	500	459	92	75-125	
Tetrachloroethene	ug/L	500	471	94	75-125	
Trichloroethene	ug/L	500	478	96	75-125	
Vinyl chloride	ug/L	500	556	111	68-127	
1,2-Dichloroethane-d4 (S)	%			101	75-125	
4-Bromofluorobenzene (S)	%			98	75-125	
Toluene-d8 (S)	%			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222686 3222687

Parameter	Units	50219848001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	<25.0	500	500	546	523	109	105	60-137	4	30	
1,2-Dichloroethane	ug/L	<25.0	500	500	572	555	114	111	69-125	3	30	
1,4-Dichlorobenzene	ug/L	<25.0	500	500	512	503	102	101	75-125	2	30	
2-Butanone (MEK)	ug/L	<125	2500	2500	3000	2970	120	119	59-133	1	30	
Benzene	ug/L	<25.0	500	500	558	539	112	108	70-125	4	30	
Carbon tetrachloride	ug/L	<25.0	500	500	574	557	115	111	67-130	3	30	
Chlorobenzene	ug/L	<25.0	500	500	524	503	105	101	75-125	4	30	
Chloroform	ug/L	<25.0	500	500	528	500	106	100	71-125	5	30	
Tetrachloroethene	ug/L	<25.0	500	500	532	507	106	101	73-126	5	30	
Trichloroethene	ug/L	<10.0	500	500	542	527	108	105	72-133	3	30	
Vinyl chloride	ug/L	<5.0	500	500	629	614	126	123	70-134	3	30	
1,2-Dichloroethane-d4 (S)	%						106	99	75-125			
4-Bromofluorobenzene (S)	%						100	101	75-125			
Toluene-d8 (S)	%						96	95	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	491361	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples: 50219848001, 50219848002			

METHOD BLANK: 2267103 Matrix: Solid

Associated Lab Samples: 50219848001, 50219848002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1221 (Aroclor 1221)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1232 (Aroclor 1232)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1242 (Aroclor 1242)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1248 (Aroclor 1248)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1254 (Aroclor 1254)	ug/kg	<99.7	99.7	03/27/19 15:12	
PCB-1260 (Aroclor 1260)	ug/kg	<99.7	99.7	03/27/19 15:12	
Tetrachloro-m-xylene (S)	%.	87	26-140	03/27/19 15:12	

LABORATORY CONTROL SAMPLE: 2267104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	137	83	59-119	
PCB-1260 (Aroclor 1260)	ug/kg	166	151	91	57-119	
Tetrachloro-m-xylene (S)	%.			90	26-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2267105 2267106

Parameter	Units	50219594001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	171	173	120	120	70	70	10-159	0	20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	171	173	120	120	70	69	11-131	0	20	
Tetrachloro-m-xylene (S)	%.						88	87	26-140			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	491635	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

METHOD BLANK:	2268399	Matrix:	Solid
Associated Lab Samples:	50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1221 (Aroclor 1221)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1232 (Aroclor 1232)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1242 (Aroclor 1242)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1248 (Aroclor 1248)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1254 (Aroclor 1254)	ug/kg	<98.7	98.7	03/28/19 17:13	
PCB-1260 (Aroclor 1260)	ug/kg	<98.7	98.7	03/28/19 17:13	
Tetrachloro-m-xylene (S)	%.	82	26-140	03/28/19 17:13	

LABORATORY CONTROL SAMPLE: 2268400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	143	87	59-119	
PCB-1260 (Aroclor 1260)	ug/kg	166	161	97	57-119	
Tetrachloro-m-xylene (S)	%.			92	26-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2268401 2268402

Parameter	Units	50219848003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<375	208	208	<373	<375	62	97	10-159		20	
PCB-1260 (Aroclor 1260)	ug/kg	646	208	208	735	488	43	-76	11-131	40	20	M0, R1
Tetrachloro-m-xylene (S)	%.						64	72	26-140			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	596041	Analysis Method:	EPA 8270D
QC Batch Method:	EPA 3510	Analysis Description:	8270D TCLP MSSV
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012		

METHOD BLANK: 3222474

Matrix: Water

Associated Lab Samples: 50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010, 50219848011, 50219848012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<100	100	03/28/19 16:24	
2,4,5-Trichlorophenol	ug/L	<100	100	03/28/19 16:24	
2,4,6-Trichlorophenol	ug/L	<100	100	03/28/19 16:24	
2,4-Dinitrotoluene	ug/L	<100	100	03/28/19 16:24	
2-Methylphenol(o-Cresol)	ug/L	<100	100	03/28/19 16:24	
3&4-Methylphenol(m&p Cresol)	ug/L	<100	100	03/28/19 16:24	
Hexachloro-1,3-butadiene	ug/L	<100	100	03/28/19 16:24	
Hexachlorobenzene	ug/L	<100	100	03/28/19 16:24	
Hexachloroethane	ug/L	<100	100	03/28/19 16:24	
Nitrobenzene	ug/L	<100	100	03/28/19 16:24	
Pentachlorophenol	ug/L	<200	200	03/28/19 16:24	
Pyridine	ug/L	<100	100	03/28/19 16:24	
2,4,6-Tribromophenol (S)	%	93	60-125	03/28/19 16:24	
2-Fluorobiphenyl (S)	%	76	45-125	03/28/19 16:24	
2-Fluorophenol (S)	%	45	32-125	03/28/19 16:24	
Nitrobenzene-d5 (S)	%	77	47-125	03/28/19 16:24	
p-Terphenyl-d14 (S)	%	92	64-125	03/28/19 16:24	
Phenol-d6 (S)	%	28	30-125	03/28/19 16:24	S0

LABORATORY CONTROL SAMPLE: 3222475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	354	71	39-125	
2,4,5-Trichlorophenol	ug/L	500	477	95	66-125	
2,4,6-Trichlorophenol	ug/L	500	454	91	66-125	
2,4-Dinitrotoluene	ug/L	500	405	81	67-125	
2-Methylphenol(o-Cresol)	ug/L	500	310	62	51-125	
3&4-Methylphenol(m&p Cresol)	ug/L	500	289	58	50-125	
Hexachloro-1,3-butadiene	ug/L	500	461	92	39-125	
Hexachlorobenzene	ug/L	500	498	100	66-125	
Hexachloroethane	ug/L	500	354	71	30-125	
Nitrobenzene	ug/L	500	407	81	54-125	
Pentachlorophenol	ug/L	500	498	100	50-125	
Pyridine	ug/L	500	206	41	30-125	
2,4,6-Tribromophenol (S)	%			100	60-125	
2-Fluorobiphenyl (S)	%			84	45-125	
2-Fluorophenol (S)	%			45	32-125	
Nitrobenzene-d5 (S)	%			77	47-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

LABORATORY CONTROL SAMPLE: 3222475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Terphenyl-d14 (S)	%.			95	64-125	
Phenol-d6 (S)	%.			29	30-125	S0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222476 3222477

Parameter	Units	10467955002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	435	433	87	87	30-125	0	30	
2,4,5-Trichlorophenol	ug/L	ND	500	500	466	474	93	95	64-125	2	30	
2,4,6-Trichlorophenol	ug/L	ND	500	500	468	490	94	98	63-125	4	30	
2,4-Dinitrotoluene	ug/L	ND	500	500	418	449	84	90	59-125	7	30	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	256	271	51	54	41-125	6	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	500	500	183	154	34	28	41-125	17	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	500	500	513	504	103	101	30-125	2	30	
Hexachlorobenzene	ug/L	ND	500	500	472	491	94	98	62-125	4	30	
Hexachloroethane	ug/L	ND	500	500	478	493	96	99	30-125	3	30	
Nitrobenzene	ug/L	ND	500	500	561	565	112	113	42-125	1	30	
Pentachlorophenol	ug/L	ND	500	500	516	541	103	108	38-125	5	30	
Pyridine	ug/L	ND	500	500	332	267	66	53	30-125	22	30	
2,4,6-Tribromophenol (S)	%.						73	60	60-125			
2-Fluorobiphenyl (S)	%.						89	92	45-125			
2-Fluorophenol (S)	%.						0	0	32-125			S5
Nitrobenzene-d5 (S)	%.						94	98	47-125			
p-Terphenyl-d14 (S)	%.						98	102	64-125			
Phenol-d6 (S)	%.						0	0	30-125			S5

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch:	491332	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	50219848001, 50219848002, 50219848003, 50219848004, 50219848005, 50219848006, 50219848007, 50219848008, 50219848009, 50219848010		

SAMPLE DUPLICATE: 2267048

Parameter	Units	50219758001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.0	22.0	9	5	R1

SAMPLE DUPLICATE: 2267049

Parameter	Units	50219848005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.8	17.3	3	5	

SAMPLE DUPLICATE: 2267050

Parameter	Units	50220361001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.1	20.7	2	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

QC Batch: 491333

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 50219848011, 50219848012

SAMPLE DUPLICATE: 2267051

Parameter	Units	50219503001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	30.6	31.5	3	5	

SAMPLE DUPLICATE: 2267052

Parameter	Units	50220024001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	15.5	2	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-I Pace Analytical Services - Indianapolis

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50219848001	Site 7C-11031-SB-45(Composite)	EPA 3546	491361	EPA 8082	491511
50219848002	Site 7C-11031-SB-46(Composite)	EPA 3546	491361	EPA 8082	491511
50219848003	Site 7C-11031-SB-47(Composite)	EPA 3546	491635	EPA 8082	491778
50219848004	Site 7C-11031-SB-48(Composite)	EPA 3546	491635	EPA 8082	491778
50219848005	Site 7C-11031-SB-49(Composite)	EPA 3546	491635	EPA 8082	491778
50219848006	Site 7C-11031-SB-50(Composite)	EPA 3546	491635	EPA 8082	491778
50219848007	Site 7C-11031-SB-51(Composite)	EPA 3546	491635	EPA 8082	491778
50219848008	Site 7C-11031-SB-52(Composite)	EPA 3546	491635	EPA 8082	491778
50219848009	Site 7C-11081-SB-53(Composite)	EPA 3546	491635	EPA 8082	491778
50219848010	Site 7C-11081-SB-54(Composite)	EPA 3546	491635	EPA 8082	491778
50219848011	Site 7C-11081-SB-55(Composite)	EPA 3546	491635	EPA 8082	491778
50219848012	Site 7C-11081-SB-56(Composite)	EPA 3546	491635	EPA 8082	491778
50219848001	Site 7C-11031-SB-45(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848002	Site 7C-11031-SB-46(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848003	Site 7C-11031-SB-47(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848004	Site 7C-11031-SB-48(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848005	Site 7C-11031-SB-49(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848006	Site 7C-11031-SB-50(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848007	Site 7C-11031-SB-51(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848008	Site 7C-11031-SB-52(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848009	Site 7C-11081-SB-53(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848010	Site 7C-11081-SB-54(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848011	Site 7C-11081-SB-55(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848012	Site 7C-11081-SB-56(Composite)	EPA 3010	596036	EPA 6010D	596202
50219848001	Site 7C-11031-SB-45(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848002	Site 7C-11031-SB-46(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848003	Site 7C-11031-SB-47(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848004	Site 7C-11031-SB-48(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848005	Site 7C-11031-SB-49(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848006	Site 7C-11031-SB-50(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848007	Site 7C-11031-SB-51(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848008	Site 7C-11031-SB-52(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848009	Site 7C-11081-SB-53(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848010	Site 7C-11081-SB-54(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848011	Site 7C-11081-SB-55(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848012	Site 7C-11081-SB-56(Composite)	EPA 7470A	596032	EPA 7470A	596116
50219848001	Site 7C-11031-SB-45(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848002	Site 7C-11031-SB-46(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848003	Site 7C-11031-SB-47(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848004	Site 7C-11031-SB-48(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848005	Site 7C-11031-SB-49(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848006	Site 7C-11031-SB-50(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848007	Site 7C-11031-SB-51(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848008	Site 7C-11031-SB-52(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848009	Site 7C-11081-SB-53(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848010	Site 7C-11081-SB-54(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848011	Site 7C-11081-SB-55(Composite)	EPA 3510	596041	EPA 8270D	596493

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Peregrine Falcon - Site 7C

Pace Project No.: 50219848

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50219848012	Site 7C-11081-SB-56(Composite)	EPA 3510	596041	EPA 8270D	596493
50219848001	Site 7C-11031-SB-45(Composite)	EPA 8260B	596082		
50219848002	Site 7C-11031-SB-46(Composite)	EPA 8260B	596082		
50219848003	Site 7C-11031-SB-47(Composite)	EPA 8260B	596082		
50219848004	Site 7C-11031-SB-48(Composite)	EPA 8260B	596082		
50219848005	Site 7C-11031-SB-49(Composite)	EPA 8260B	596082		
50219848006	Site 7C-11031-SB-50(Composite)	EPA 8260B	596082		
50219848007	Site 7C-11031-SB-51(Composite)	EPA 8260B	596082		
50219848008	Site 7C-11031-SB-52(Composite)	EPA 8260B	596082		
50219848009	Site 7C-11081-SB-53(Composite)	EPA 8260B	596082		
50219848010	Site 7C-11081-SB-54(Composite)	EPA 8260B	596082		
50219848011	Site 7C-11081-SB-55(Composite)	EPA 8260B	596082		
50219848012	Site 7C-11081-SB-56(Composite)	EPA 8260B	596082		
50219848001	Site 7C-11031-SB-45(Composite)	SM 2540G	491332		
50219848002	Site 7C-11031-SB-46(Composite)	SM 2540G	491332		
50219848003	Site 7C-11031-SB-47(Composite)	SM 2540G	491332		
50219848004	Site 7C-11031-SB-48(Composite)	SM 2540G	491332		
50219848005	Site 7C-11031-SB-49(Composite)	SM 2540G	491332		
50219848006	Site 7C-11031-SB-50(Composite)	SM 2540G	491332		
50219848007	Site 7C-11031-SB-51(Composite)	SM 2540G	491332		
50219848008	Site 7C-11031-SB-52(Composite)	SM 2540G	491332		
50219848009	Site 7C-11081-SB-53(Composite)	SM 2540G	491332		
50219848010	Site 7C-11081-SB-54(Composite)	SM 2540G	491332		
50219848011	Site 7C-11081-SB-55(Composite)	SM 2540G	491333		
50219848012	Site 7C-11081-SB-56(Composite)	SM 2540G	491333		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



50219848

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section C	
90219048		Invoice Information:	
Required Client Info.		Attention:	
Company:	DLZ Michigan	Company Name:	
Address:	1425 Keystone Avenue	Address:	
	Lansing, MI 48911	Pace Quote:	
Email:	dmcreneely@dlz.com	Pace Project Manager:	
Phone:	(517)256-2126	Pace Quote #:	
Fax:		Pace Profile #:	
Requested Due Date:		Regulatory Agency:	
		State / Location:	
		Page: 1 of 1	

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION				ACCEPTED BY / AFFILIATION				SAMPLE CONDITIONS	
			START	END			DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME		
SAMPLE ID			SAMPLE ID				SAMPLE ID				SAMPLE ID				SAMPLE ID	
One Character per box. (A-Z, 0-9 /, -)			One Character per box. (A-Z, 0-9 /, -)				One Character per box. (A-Z, 0-9 /, -)				One Character per box. (A-Z, 0-9 /, -)				One Character per box. (A-Z, 0-9 /, -)	
Sample IDs must be unique			Sample IDs must be unique				Sample IDs must be unique				Sample IDs must be unique				Sample IDs must be unique	
Preservatives			Preservatives				Preservatives				Preservatives				Preservatives	
H2SO4			H2SO4				H2SO4				H2SO4				H2SO4	
HNO3			HNO3				HNO3				HNO3				HNO3	
HCl			HCl				HCl				HCl				HCl	
NaOH			NaOH				NaOH				NaOH				NaOH	
Na2S2O3			Na2S2O3				Na2S2O3				Na2S2O3				Na2S2O3	
Methanol			Methanol				Methanol				Methanol				Methanol	
Other			Other				Other				Other				Other	
Analyses Test			Analyses Test				Analyses Test				Analyses Test				Analyses Test	
Y/N			Y/N				Y/N				Y/N				Y/N	
VOCs			VOCs				VOCs				VOCs				VOCs	
PAH by 8270			PAH by 8270				PAH by 8270				PAH by 8270				PAH by 8270	
Metals - Cd, Cr, Pb			Metals - Cd, Cr, Pb				Metals - Cd, Cr, Pb				Metals - Cd, Cr, Pb				Metals - Cd, Cr, Pb	
MI 10 Metals			MI 10 Metals				MI 10 Metals				MI 10 Metals				MI 10 Metals	
PCBs by 8082			PCBs by 8082				PCBs by 8082				PCBs by 8082				PCBs by 8082	
TCLP Metals, RCI			TCLP Metals, RCI				TCLP Metals, RCI				TCLP Metals, RCI				TCLP Metals, RCI	
TCLP VOCs			TCLP VOCs				TCLP VOCs				TCLP VOCs				TCLP VOCs	
TCLP SVOCs			TCLP SVOCs				TCLP SVOCs				TCLP SVOCs				TCLP SVOCs	
TCLP M110			TCLP M110				TCLP M110				TCLP M110				TCLP M110	
Residual Chlorine (Y/N)			Residual Chlorine (Y/N)				Residual Chlorine (Y/N)				Residual Chlorine (Y/N)				Residual Chlorine (Y/N)	
Requested Analysis Filtered (Y/N)			Requested Analysis Filtered (Y/N)				Requested Analysis Filtered (Y/N)				Requested Analysis Filtered (Y/N)				Requested Analysis Filtered (Y/N)	
(40-37)			(40-37)				(40-37)				(40-37)				(40-37)	

SAMPLER NAME AND SIGNATURE		DATE SIGNED: 3/19/19	
PRINT Name of SAMPLER:			
SIGNATURE OF SAMPLER: <i>Dan McNedy</i>			



Sample Conditions Upon Receipt

WO# : 50219848

Date: 3-19-19	Evaluated by: JW	A: PM: BJH Due Date: 04/03/19 CLIENT: GR-DLZ MI
Client: DLZ		
Profile ID: 8007	Project Manager: BH	
Sample Receiving Non Conformance Form Required: YES ☒ NO ☒		Rush Turn Around Time Requested: YES ☒ NO ☒ Due Date:
Page 1 Of 1	Lab Notified of Rush or Short Holds: YES ☐ NO ☒	

Lab Sample Receipt Checklist:

Samples Received Via:	FEDEX	UPS	CLIENT	☒ RACE COURIER
Custody Seals Present and Intact:	YES	NO	☒ NA	
USDA Regulated Soils:	YES	NO	☒ NA	
Short Holds Present (< 72 Hours):	YES	☒ NO	NA	
Samples Received in Hold:	☒ YES	NO	NA	
Custody Signatures Present:	☒ YES	NO	NA	
Collector Signature Present:	☒ YES	NO	NA	
Samples Received On Ice:	☒ YES	NO	NA	
Type of Ice: ☒ WET ☐ BLUE ☐ DRY ☐ NONE				
Packing Material Used:	☒ YES	NO	NA	
IR Gun #: 202 ☒ 402 Temp should be 0-6°C # 1	Cooler Temp Upon Receipt: 3.8 °C			
Temp Blank Received:	☒ YES	NO	NA	
Trip Blank Received: Type: HCL MeOH TSP OTHER	YES	☒ NO	NA	
Bottles Intact:	☒ YES	NO	NA	
Correct Bottles:	☒ YES	NO	NA	
Sufficient Volume:	☒ YES	NO	NA	
Sample pH Acceptable: All containers needing preservation are found to be in compliance with EPA recommendation Exceptions are VOA, coliform, TOC, O & G, HEM, DRO	YES	NO	☒ NA	pH Strip Lot Number:
VOA Headspace Acceptable (<6mm):	YES	NO	☒ NA	
Comments: #2 COOLER WET ICE TEMP BLANK = 3.6°C				