

April 11, 2017

ATC Group Services Attn: Mr. Robert Smith 46555 Humboldt, Suite 100 Novi, MI 48377

Project: School Drinking Water Testing

Dear Mr. Robert Smith,

Enclosed is a copy of the laboratory report for the following work order(s) received by Pace Analytical:

| Work Order | Received | Description |
|-------------------|------------|-------------|
| 1703423 | 03/23/2017 | Breithaupt |

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ANAB DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Georgia EPD (#026-999-161/1023062); Illinois DEP (#200026/003329); Kentucky DEP (AL123065/#0021); Michigan DPH (#0034); Minnesota DPH (#026-999-161/1023062); New York ELAP (#11776/53116); North Carolina DNRE (#659); Virginia DCLS (#460153/7952); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-14-00305).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Gary L. Wood

Client Services Manager



PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.



STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.

No Qualification is required.



Work Order: Client: **ATC Group Services** 1703423 Project: School Drinking Water Testing Description: Breithaupt 03/23/17 06:30 Client Sample ID: KS-P-B-RM 100 E. Side (R) Sampled:

Lab Sample ID: 1703423-01 Sampled By: ATC

Matrix: **Drinking Water** Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.14 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/05/17 13:51 | KLV | 1702811 |
| Lead | 0.0057 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:11 | KLV | 1702811 |

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Client:ATC Group ServicesWork Order:1703423Project:School Drinking Water TestingDescription:BreithauptClient Sample ID:KS-F-B-RM 100 E. Side (R)Sampled:03/23/17 06:31

Lab Sample ID: 1703423-02 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.044 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:14 | KLV | 1702811 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:14 | KLV | 1702811 |



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ANALYTICAL REPORT

Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: **DWF-P-B-RM 103** Sampled: 03/23/17 06:34

Lab Sample ID: 1703423-03 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.18 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/05/17 13:54 | KLV | 1702811 |
| Lead | 0.0049 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:16 | KLV | 1702811 |



Work Order: Client: **ATC Group Services** 1703423 Description: Project: School Drinking Water Testing Breithaupt

Client Sample ID: **DWF-F-B-RM 103** 03/23/17 06:35 Sampled:

Lab Sample ID: 1703423-04 Sampled By: ATC

Matrix: **Drinking Water** Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.082 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/07/17 08:47 | KLV | 1702814 |
| Lead | 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 10:44 | KLV | 1702814 |

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Client: **ATC Group Services** Work Order: 1703423 Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: KS-P-B-RM 103 S. Side West Sink 03/23/17 06:38 Sampled:

Lab Sample ID: 1703423-05 Sampled By: ATC

Matrix: **Drinking Water** Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.13 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/07/17 08:57 | KLV | 1702814 |
| Lead | 0.0016 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 10:54 | KLV | 1702814 |

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Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: KS-F-B-RM 103 S. Side West Sink Sampled: 03/23/17 06:39

Client Sample ID: KS-F-B-RM 103 S. Side West Sink Sampled:
Lab Sample ID: 1703423-06 Sampled By:

Matrix: Drinking Water Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

ATC

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.025 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:02 | KLV | 1702814 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:02 | KLV | 1702814 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: **DWF-P-B-RM 107** Sampled: 03/23/17 06:40

Lab Sample ID: 1703423-07 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.19 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/07/17 09:00 | KLV | 1702814 |
| Lead | 0.014 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:05 | KLV | 1702814 |



Client: **ATC Group Services** Work Order: 1703423 Description: Project: School Drinking Water Testing Breithaupt

Client Sample ID: DWF-F-B-RM 107 03/23/17 06:41 Sampled:

Lab Sample ID: 1703423-08 Sampled By: ATC Matrix: **Drinking Water** Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.065 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:07 | KLV | 1702814 |
| Lead | 0.0014 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:07 | KLV | 1702814 |

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Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: KS-P-B-RM 117 Sampled: 03/23/17 06:43

Lab Sample ID: **1703423-09** Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.57 | 0.010 | 1.3 | mg/L | 10 | USEPA-200.8 Rev. 5.4 | 04/05/17 13:57 | KLV | 1702811 |
| Lead | 0.066 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:25 | KLV | 1702811 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: **KS-F-B-RM 117** Sampled: 03/23/17 06:44

 Lab Sample ID:
 1703423-10
 Sampled By:
 ATC

 Matrix:
 Drinking Water
 Received:
 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.19 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/07/17 09:07 | KLV | 1702814 |
| Lead | 0.0040 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:10 | KLV | 1702814 |



Work Order: Client: **ATC Group Services** 1703423 Description: Project: School Drinking Water Testing Breithaupt

Client Sample ID: DWF-P-B-RM 109 Sampled: 03/23/17 06:45

Lab Sample ID: 1703423-11 Sampled By: ATC Matrix: **Drinking Water** Received: 03/23/17 17:00

Metals in Drinking Water by EPA 200 Series Methods

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.30 | 0.010 | 1.3 | mg/L | 10 | USEPA-200.8 Rev. 5.4 | 04/05/17 13:59 | KLV | 1702811 |
| Lead | 0.0066 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/05/17 11:27 | KLV | 1702811 |

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Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: **DWF-F-B-RM 109**Sampled: 03/23/17 06:46

Lab Sample ID: 1703423-12 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.041 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:12 | KLV | 1702814 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:12 | KLV | 1702814 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: DWC-P-B-Hall @ RM 106 Sampled: 03/23/17 06:48

Lab Sample ID: 1703423-13 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.055 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:20 | KLV | 1702814 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:20 | KLV | 1702814 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: DWC-F-B-Hall @ RM 106 Sampled: 03/23/17 06:49

Lab Sample ID: 1703423-14 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.071 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:22 | KLV | 1702815 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:22 | KLV | 1702815 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: DWF-P-B-Hall @ RM 117 (R) Sampled: 03/23/17 06:57

Lab Sample ID: 1703423-15 Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.24 | 0.0050 | 1.3 | mg/L | 5 | USEPA-200.8 Rev. 5.4 | 04/07/17 09:10 | KLV | 1702815 |
| Lead | 0.0053 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:37 | KLV | 1702815 |



Client: ATC Group Services Work Order: 1703423

Project: School Drinking Water Testing Description: Breithaupt

Client Sample ID: DWF-F-B-Hall @ RM 117 (R) Sampled: 03/23/17 06:58

Lab Sample ID: **1703423-16** Sampled By: ATC

Matrix: Drinking Water Received: 03/23/17 17:00

| Analyte | Analytical Result | RL | Action Limit | Unit | Dilution Factor | Method | Date Time Analyzed | Ву | QC Batch |
|---------|----------------------|--------|-----------------|------|--------------------|----------------------|-----------------------|-----|-------------|
| Copper | 0.018 | 0.0010 | 1.3 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:40 | KLV | 1702815 |
| Lead | < 0.0010 | 0.0010 | 0.015 | mg/L | 1 | USEPA-200.8 Rev. 5.4 | 04/06/17 11:40 | KLV | 1702815 |



QUALITY CONTROL REPORT

Metals in Drinking Water by EPA 200 Series Methods

| QC Type | Sample Conc. | Spike Qty. | Result | Unit | Spike % Rec. | Control Limits | RPD | RPD Limits | RL |
|--------------------------------|-----------------|---------------|---------|------|-----------------|-------------------|-----------|---------------|---------|
| Analyte: Copper/USEPA | -200.8 Rev. 5.4 | | | | | | | | |
| QC Batch: 1702811 (200.2 Dige | estion) | | | | | | Analyzed: | 04/05/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |
| Laboratory Control Sample | | 0.0500 | 0.0517 | mg/L | 103 | 85-115 | | | 0.0010 |
| QC Batch: 1702814 (Metals Dire | ect Analysis) | | | | | | Analyzed: | 04/06/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |
| Laboratory Control Sample | | 0.0400 | 0.0395 | mg/L | 99 | 85-115 | | | 0.0010 |
| QC Batch: 1702815 (Metals Dire | ect Analysis) | | | | | | Analyzed: | 04/06/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |
| Laboratory Control Sample | | 0.0400 | 0.0395 | mg/L | 99 | 85-115 | | | 0.0010 |
| 1703423-14 [DWC-F-B-Hall @ | RM 106] | | | | | | | | |
| Matrix Spike | 0.0711 | 0.0200 | 0.0910 | mg/L | 99 | 70-130 | | | 0.0010 |
| Matrix Spike Duplicate | 0.0711 | 0.0200 | 0.0923 | mg/L | 106 | 70-130 | 1 | 20 | 0.0010 |
| QC Batch: 1702814 (Metals Dire | ect Analysis) | | | | | | Analyzed: | 04/07/2017 | By: KLV |
| 1703423-04 [DWF-F-B-RM 10 | 3] | | | | | | | | |
| Matrix Spike | 0.0822 | 0.100 | 0.180 | mg/L | 98 | 70-130 | | | 0.0050 |
| Matrix Spike Duplicate | 0.0822 | 0.100 | 0.177 | mg/L | 94 | 70-130 | 2 | 20 | 0.0050 |
| Analyte: Lead/USEPA-20 | 00.8 Rev. 5.4 | | | | | | | | |
| QC Batch: 1702811 (200.2 Dige | estion) | | | | | | Analyzed: | 04/05/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |
| Laboratory Control Sample | | 0.0500 | 0.0486 | mg/L | 97 | 85-115 | | | 0.0010 |
| QC Batch: 1702814 (Metals Dire | ect Analysis) | | | | | | Analyzed: | 04/06/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |
| Laboratory Control Sample | | 0.0400 | 0.0391 | mg/L | 98 | 85-115 | | | 0.0010 |
| 1703423-04 [DWF-F-B-RM 10 | 3] | | | | | | | | |
| Matrix Spike | 0.00100 | 0.0200 | 0.0200 | mg/L | 95 | 70-130 | | | 0.0010 |
| Matrix Spike Duplicate | 0.00100 | 0.0200 | 0.0203 | mg/L | 97 | 70-130 | 2 | 20 | 0.0010 |
| QC Batch: 1702815 (Metals Dire | ect Analysis) | | | | | | Analyzed: | 04/06/2017 | By: KLV |
| Method Blank | | | <0.0010 | mg/L | | | | | 0.0010 |

Continued on next page



QUALITY CONTROL REPORT

Metals in Drinking Water by EPA 200 Series Methods (Continued)

| QC Type | | Sample Conc. | Spike Qty. | Result | Unit | Spike % Rec. | Control Limits | RPD | RPD Limits | RL |
|------------------|-----------------------|--------------------------|---------------|--------|------|-----------------|-------------------|-----------|---------------|---------|
| Analyte: | Lead /USEPA-20 | 0.8 Rev. 5.4 (Continued) | | | | | | | | |
| QC Batch: 170 | 2815 (Continued) |) (Metals Direct Ana | ılysis) | | | | A | Analyzed: | 04/06/2017 | By: KLV |
| Laboratory Cont | rol Sample | | 0.0400 | 0.0391 | mg/L | 98 | 85-115 | | | 0.0010 |
| 1703423-14 | [DWC-F-B-Hall @ | RM 106] | | | | | | | | |
| Matrix Spike | | 0.000444 | 0.0200 | 0.0197 | mg/L | 96 | 70-130 | | | 0.0010 |
| Matrix Spike Dup | olicate | 0.000444 | 0.0200 | 0.0196 | mg/L | 96 | 70-130 | 0.4 | 20 | 0.0010 |



PRETREATMENT SUMMARY PAGE

Client: ATC Group Services

Project: School Drinking Water Testing

| | | | | Date & Time |
|------------------------------|---------------|---------|-----|----------------|
| Pretreatment | Lab Sample ID | Batch | Ву | Prepared |
| USEPA-200.2 Metals Digestion | 1703423-01 | 1702811 | JBA | 03/31/17 13:00 |
| | 1703423-02 | 1702811 | JBA | 03/31/17 13:00 |
| | 1703423-03 | 1702811 | JBA | 03/31/17 13:00 |
| | 1703423-09 | 1702811 | JBA | 03/31/17 13:00 |
| | 1703423-11 | 1702811 | JBA | 03/31/17 13:00 |
| USEPA 600/R-94/173 | 1703423-04 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-05 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-06 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-07 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-08 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-10 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-12 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-13 | 1702814 | JBA | 03/30/17 16:51 |
| | 1703423-14 | 1702815 | JBA | 03/30/17 16:52 |
| | 1703423-15 | 1702815 | JBA | 03/30/17 16:52 |
| | 1703423-16 | 1702815 | JBA | 03/30/17 16:52 |
| | | | | |



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| "Important Note: By signing this form you are accepting Pacer's NET 30 day payment | C | | | | | ADDITIONAL COMMENTS | 12 DWF-F-B- RM 109 | 11 DWF - P-B - RM 109 | do | B-R | F- B- | 7 DWF-P- B- RM 107 | | 5 KS-P- B- RM 103 S. SIDE | 4 DWF-F-B-RM 103 | 3 DWF-P-B-RM 103 | 2 KS-F-B-RM 100 E SIDE (| B-RM 100 E. SIDE | SAMPLE ID (A.Z. 0.9/) Sample IDs MUST BE UNIQUE Tissue Other BREIT HAMPT | Section D Matrix Codes Required Client Information MATRIX / CODE Printing Water P | | | | attassaciones.c | | SINE | ONP SEKVICES | Section A Required Client Information: |
|--|---|----------------------------|----|---------|---------|-------------------------------|--------------------|--|-------|-------|-------|--------------------|-----------|---------------------------|------------------|------------------|--------------------------|------------------|---|---|-----------------------------------|-----------------|--------------------------|--|-------------------------|-------------------|----------------------|--|
| of Pace's NET 30 day pay | OHIGINAL | | | Deme | Kimberu | RELINQU | 4 4 | | | | | | NEST SINK | WEST SINK | | | P) | (F) DNG | SAMPLE TYPE (G=GRAB C= | oper s to left) | | Project Number: | Project Name: | Orn | | Copy to: | Riggort To: | Section B Required Project Information: |
| torms | | SA | | | JOHNSON | RELINQUISHED BY / AFFILIATION | | | 100 | | | NON CO | | SALE BASE | | | | | DATE T | | | | | | | | HTIME | rmation: |
| SIGNATURE of SAMPLE. | PRINT N | SAMPLER NAME AND SIGNATURE | | | ON/ ATT | FILIATION | • | | M | | | | | 1 | | | | 3/23/ | Me D | COLLECTED | | | | | | | | |
| SIGNATURE of SAMPLY | PRINT Name of SAMPLER: | AND SIGNATI | | 3-23-17 | 3/23/17 | DATE | 194:9 | 54:45 | 14:4H | 8 h:4 | 6:41 | 6:40 | 6.39 | 6:38 | 1.35 | PE: 9 | 6:31 | 3/23/4 6:30 | END/GROVE TIME | | | | | NAMES OF THE PERSON OF THE PER | | | | |
| Emberly | R. KIMBERU | JRE | | 7 1700 | 7 9:05 | TIME | , | | | | | | | | | | - | - | # OF CONTAINERS Unpreserved | 1 | | Pace Profile #: | Page Project Manager: | Paos Quote Reference: | 41555 | ATC C | Attention: Kobera | Section C Invoice Information: |
| Moh | 40 | | | San Tr | Dime | ACCEPT | 6 | | | | | | | | | | | X | H ₂ SO ₄ HNO ₃ HCI NaOH Na ₂ S ₂ O ₃ Methanol | Preservatives | | | | | Humbarot | ROUP S | HELLOS SON LINE | rmation: |
| MATE Signed (MM/DD/YY): | OHNSON | | | N. Yac | | CEPTED BY / AFFILIATION | + + | | | | | | | | | | | X | I Analysis Test I LEAD COPPER | Y/N | | | | | DRIVE | ERVICES | | |
| 3/23/17 | P. C. | | to | E 3/33/ | 3-23-17 | DATE | | | | | | | | | | | | 911 | | | Requested Analysis Filtered (Y/N) | STATE: | Site Location | F UST | ☐ NPDES | REGULATORY AGENCY | | |
| | | | | 7 1700 | one | TIME | | | | | | | | | | | | | | | red (Y/N) | | | RCRA | ☐ GROUND WATER | RY AGENCY | | Page: |
| Record Co. Seele (| NAME. | on () y oler | 26 | | | SAMPLE CONDITIONS | | The second secon | | | | | | | | | | | Residual Chlorine (Y/N) CLRT 4 Pace Project No./ Lab I.D. | (42.33) | • | | | F OTHER | WATER TO DRINKING WATER | | 21595/4 | o o |



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

| | | | | 12 | = | 9 | CO. | 7 | 6 | Ch Ch | 4 | ω | N | - | ITEM# | | | 7 | Roo | 2 | | | 1 | 8 8 | Re |
|-------------------------|--------|-----------------------|-------------------------------|----|---|---|-----|---------------------------|-----|-------|--------------------|----------------------|----------------------|----------------------|---|--|--|-----------------------------------|-----------------|--------------------------|------------------------|----------------|---------------------------|--------------|-------------------------------|
| | | | ADDITIONAL COMMENTS | | | | | All and the second second | | | /EII MO @ NIDE! -8 | DMF-8-8-HAW @ RM 117 | DWC-F-B-HALL® PM 104 | DNC-P-B-HALL @RM 106 | Sample IDs MUST BE UNIQUE TISSUE Other | Waster Waster Waster Waster Product Satisfield | Section D Matrix Codes Required Client information MATRIX / CODE Drinking Water 1 | | _ | | Patra sociates | | HUSSS HUMBOLDT DRIVE | ONP SERVICES | Required Client Information: |
| | Demi | KIMBERLY JOHNSON | | | | | | | | | 0 | B | | 0 | 938 | OS P W | des ODE | | Project Number | Project Name: | CONT OFFICE NO. | | Copy (or | 100 | Required Project Information: |
| | 1 | ERU | RELINQU | | | | | | - V | | - | | | 2 | MATRIX CODE SAMPLE TYPE (| (see valid code | murcy | | ber | 300 | roer No. | | | ROBERT | roject In |
| | 1 | 100 | RELINQUISHED BY / AFFILIATION | | | | | | | | | | | | DATE | 0 | | | 10 | 8 7 | | 100 | | PT | ormation |
| 0 | | HNSO | SY/AFF | | + | | | | | | | | | | 112 Tarket | COMPOSITE | | | | | | | | Sm | |
| 100 000 | | - | ILIATIO | | | | | | | | | | | | TIME | | COLLECTED | | | | | | B | HILIMS | |
| NAME | | ATT | 2 | | | | | | | | 4 | | | 3/23/17 | DATE | ENO COM | CTED | 1 | 1 | | | 15 | | | |
| SAMO SO MANO SO MATERIA | 3.23-7 | 3/23/17 | DATE | | | | | | | 10.00 | 1.00 | 1.57 | 6:49 | 84:9 2 | TIME | COMPOSITE | | | | | | | | | |
| | | - | m | | | | | | | | | 1- | | 9 | SAMPLE TEMP AT | COLLECTION | 4 | | | | | | R | | |
| | 1700 | 9:15 | TIME | | - | - | | | | | 4 | | - | _ | # OF CONTAINE Unpreserved | RS | | | Pace Profile #. | Pace Project Manager: | Pace Quot Reference | W555 | Company Name | Attention | Invaice Info |
| | 6 | Un . | | | | | | | | < | | | | _ | H ₂ SO ₄ HNO ₃ | 200 | 0 | 100 | 他并 | act | | | N Name | 0 | invoice information |
| | 1 | ğ | | | | | | | | 1 | | | | | HCI | SHAP | Preservativ | | | | | Hume | 8 | ROBERT | tion |
| 33 | To | 3 | ACC | | | | | | | | 1 | | 2 | | NaOH Na ₂ S ₂ O ₃ | ACIVIC: | atives | | | | | CEDIT | | | |
| | 2 | | EPTE | | + | + | | | | | - | | | | Methanol Other | | 1 | | | | | OUT DRIVE | BSGROVE | HIMS | |
| | N C | | D BY/ | | | | | | | | | | | | Analysis Tes | t I | Y/NI | | | | | Ā | 100 | 5 | |
| | 1 | | AFFIL | | | + | | | | 1 | 1 | | | X | LEAD COPPER | 1500 | | Re | | | | ZIY | 25000 | | |
| | tac | | ACCEPTED BY / AFFILIATION | | | | | | | | | | | X | COPPER | | | Requested Analysis Filtered (Y/N) | | | | E | SEPLYIC REGULATORY AGENCY | | |
| | 7 | w | 1 | | | | | | + | | + | | | | | WITH THE | | ed An | | 60 | 779 | | CE | | |
| | 2 | - - - - - | DATE | | | | | | | | 1 | | | | | Hotel | 100 | alysis | S | Site Location | UST | NP | EGUL | | |
| | 3/ | 317 | TE | | | | | | | | | | | 1 | | | | Filte | STATE: | cation | 7 | NPDES | ATOP | 13 | |
| | 7 | , | TIME | | | | | - | 1 | 1 | 1 | | | | | | | red O | 1 | | ٦ | | Y AG | | |
| | 72 | OOC | în l | | | | | | | | | + | | | | | | (N) | lŝ | | RCRA | GROU | ENC. | | Т |
| | 0 | 0 | - | + | | | | | | + | + | | | - | Residual Chlorine | OV/NI) | | | | | | W ON | * | | |
| | in the | | | | | | | | | | | | | | | ~ (1/14) | | | | | | GROUND WATER | | 2 | 15 |
| | | | AMPL | | | | 3 | | | | | 1 | | | Pace | 3 | 7 | | | | ٦ | X | | 5 | 1 |
| | | | SAMPLE CONDITIONS | | | | | | | | | | 8 | | Pace Project No./ Lab I. | 2 | 1 | | | | OTHER | DRII | | 2159573 | |
| | | | NOTTION | | | | | | | 1 | | | | | No. | Y | W | | | | ER | DRINKING WATER | | 73 | 3 |
| | | | Si . | | | | | | | 1 | | | | | Lab | 1 | | | | | | WAT | | | |
| 26 | 15 320 | | 301 | | 4 | | - | | 8 | | | | | | | | | | | | | 띴 | | | 1 |

"Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any investor

SIGNATURE of SAMPLER Sonder

DATE Signed 3/23/17

Temp in *C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Page 24 of

F-ALL-Q-020rev.07, 15-May-2007

PRINT Name of SAMPLER:

ORIGINAL

| | Property of the Control of the Contr | / LOG-IN CHECKLIS | Order# |
|---|--|--|--|
| Pace Analytic | al Receipt Record Page/Line #2/5 | New / And To | 1703423 |
| | noveth decord PagerLine a | Project/Ctrémist Sample | е #3 |
| Recorded by (initials/date) | Cooler Cty Receive | YOU IN DON (MEDE) | See Additional Cooler |
| WN 3-23-11 | Box / | Thermometer Used Digital Thermome | eter (#54) Information Form |
| COOLEMAN / 1812/1013/09 | Cooler # Time | Cooler # Time | Cooler # Time |
| Custody, Seals: | Custody Seals: | Custody Seals: | Custody Seals |
| /O None | ☐ None | □ None | None |
| ☐ Present / Intact | Present / Intact | ☐ Present / Intact | Present / Intact |
| Present / Not Intact | ☐ Present / Not intact | ☐ Present / Not Intact | ☐ Present / Not Intact |
| Coolant Type: | Coolant Type: | Coolant Type: | Coolant Type: |
| ☐ Bagged ice | □ Loose Ice □ Bagged Ice | ☐ Loose Ice ☐ Bagged Ice | ☐ Loose Ice ☐ Bagged Ice |
| ☐ /Blue ice | ☐ Blue Ice | □ Blue Ice | □ Blue Ice |
| None | □ None | O None | □ None |
| Coolant Location: | Coolant Location: | Coolant Location: | Coolant Location: |
| Dispersed / Top / Middle / Bottom | Dispersed / Top / Middle / Bottom | Dispersed / Top / Middle / Bottom | Dispersed / Top / Middle / Botton |
| Temp Blank Present: Yes No | Temp Blank Present: ☐ Yes ☐ No | Temp Blank Present. ☐ Yes ☐ No | Temp Blank Present: ☐ Yes ☐ No |
| If Present, Temperature Blank Location is: | If Present, Temperature Blank Location is: | If Present, Temperature Blank Location is: | If Present, Temperature Blank Location is |
| Representative Not Representative | Representative Not Representative | Representative Not Representative | Representative Not Representati |
| Observed Correction *C Factor *C Actual *C | Observed Correction "C Factor "C Actual "C | Cbserved Correction Actual *C Factor *C Actual *C | Observed Correction Actual *C |
| Temp Blank | Temp Blank | Temp Slank: | Temp Blank: |
| Sample 1: 15.7 0 15.7 | Sample 1: | Sample 1: | Sample 1: |
| Sample 2: 17 0 0 197 6 | Sample 2 | Sample 2: | Sample 2: |
| 100 | 0.19400010 | | W-W4 |
| Sample 3: /// / / / / / | Bample 3: | Sample 3: | Sample 3: |
| 3 Sample Average °C: | 3 Sample Average °C: | 3 Sample Average °C: | 3 Sample Average °C: |
| Cooler ID on COC? | Cooler ID on COC? | ☐ Cooler ID on COC? | Cooler ID on COC? |
| ☐ VOC Trip Blank received? | □ VOC Trip Blank received? | □ VOC Trip Blank received? | VOC Trip Blank received? |
| | reas checked, complete Sample R | eceiving Non-Conformance and/o | r Inventory Form |
| Paperwork Received | | Check Sample Preservation | |
| Yes No | 140.01 (Marie 1972) | N/A Yes No | |
| Chain of Custody record(s)? Received for Lab Signed/Da | 110 E 1 | | nk OR average sample temperature, ≥6° C? |
| Received for Lab Signed/Dat Shipping document? | tertimer | U if either is ≥6° C, | was thermal preservation required? |
| O Other | | D H "Yes" Comple | t Chemist Approval Initials: eted Non Con Cooler - Cont Inventory Form: |
| COE Information | | | le Preservation Verification Form? |
| Pace COC Other | 14 | | ily preserved correctly? |
| COC ID Numbers: 3/5027 | 2/ | If "No", added ora | |
| 2000 | 14 | Received pre-pre | W780.07 |
| 215951 | 3 | ☐ MeOH | □ Na ₂ SO ₄ |
| Check COC for Accuracy | The state of the s | Check for Short Hold-Time Prep/A | nalyses |
| Yes No Analysis Requested? | | Bacteriological | |
| | | ☐ Air Bags | AFTER HOURS ONLY: |
| Sample ID matches COC? Sample Date and Time match | h 0000 | ☐ EnCores / Methanol Pre-Preserved | COPIES OF COC TO LAB AREA(S) |
| Container type completed on | STATE OF THE PARTY | ☐ Formaldehyde/Aldehyde ☐ Green-tagged containers | NONE RECEIVED |
| Sample ID matches COC? Sample Date and Time match Container type completed on All container types indicated | 220.00 | ☐ Green-tagged containers ☐ Yellow/White-tagged 1 L ambers (SV P | RECEIVED, COCs TO LAB(S) |
| Sample Condition Summary | | Notes | (ep-Lab) |
| N/A Yes No | | | |
| Broken containers | /lids? | | |
| Missing or incomp | lete labels? | | |
| Illegible informatio | n on labels? | | |
| Low valume receiv | 222 | ☐ Trip Blank received ☐ Trip Bl | ank not listed on COC |
| | on-Pace containers received? | Cooler Received (Date/Time) Paperwork | Delivered (Date/Time) ≤1 Hour Goal Met |
| | containers have headspace? | JN 3/20/10 2/ | 50/1/7 Yes / No |
| L Extra sample local | tions / containers not listed on COC? | XIVQIXIII | (7/1/ |

| | 03/02 | ge | Work Order# | | | - | e Analy | Alent ()- |
|--|---------------|----------|------------------|------------------|-----------------------------------|--------------------------------|-----------|-----------------------------|
| | USALD | | From Stating | 17 | Empireted By (initiats/date) | (| 2-33 | Receipt Log# 4/ |
| | | | 60 | | 7 | 711 | / COF | 000 ID# 5 |
| Strip Reagent # / Lot # 7021862 / HC693124 | NTAINER TYPES | TESE COM | JUST PH FOR TH | DO NOT AD. | Adjusted by: Date: | 7 | 375 / | d) |
| Other | | | 15 | 6 | 13 | 4 | 5/23 | Container Type |
| Other | | | Red Stripe | Red | Brown | Blue | Lt Blue | Tag Color |
| | | | HNO, <2 | HNO ₃ | H ₂ SO ₄ | H₂SO₄ <2 | NaOH >12 | Preservative Expected pH |
| ous Samples: For | | | | | | | | COC Line #1 |
| sample and container | | | | Y | 100 | | 0 | COC Line #2 |
| check the box if pH is | | | | -Y, | | | | 6850 C |
| table. If pH is not table for any sample | | 8 | | Y | | | | COC Line #3 |
| ner, record pH in box, | | | | | | | 77.6-3 | COC Line #4 |
| ote on Sample | | | | | | | | COC Line #5 |
| ving Checklist and on le Receiving Non- | | 1 14 | 14617 | / | MONGH ITTE | 1.0.1 | C SMIRA | COC Line #6 |
| rmance Form. If | | | | 1 | ANY STATE | | | COC Line #7 |
| ved by Project Chemis | | | | 1 | | | 1000 | COC Line #8 |
| cid or base to the e to achieve the correc | | | | V | KATALAN AND | | V/ | 335327775 |
| dd up to, but do not | | | | V | | | | COC Line #9 |
| d 2x the volume initially | | 25 | | V | | | | COC Line #10 |
| l at container prep (see below for initial volume | | | | | | | | LINE II |
| Add orange pH tag to | | | | | | | U.S. | LINE 12 |
| e container and record | | | | | | | | 100 |
| ation requested. d adjusted pH on this | | | | 11.03 | No. of Street Co. | | | No. |
| Do not adjust pH for | | | | | unicore e | 2 | FOFT | OCID# 5 |
| ner types 6 and 15. | TAINER TYPES | IESE CON | UST PH FOR TH | DO NOT ADJ | djusted by: Date: | 2 | 5957 | N |
| | | | 15 | 6 | 13 | 4 | 5/23 | Container Type |
| niner Size Original Vol. o | | | Red Stripe | Red | Brown | Blue | Lt. Blue | Tag Color Preservative |
| mL) Preservative (mL) | | | HNO ₃ | HNO₃ <2 | H ₂ SO ₄ <2 | H ₂ SO ₄ | NaOH >12 | Expected pH |
| ner Type 5 NaOH | | | | / | A TOP TO | | . AU -833 | COC Line #1 |
| | | | | 1 | | | | COC Line #2 |
| 500 2.5 | | | Section 1 | 1 | Maria de Cara | | | COC Line #3 |
| ner Type 4 H ₂ SO ₄ | | | | 7 | | - 1111 | | COC Line #4 |
| 125 0.5 | 1 | | 9 - 1 | | 72 NAU1- | TREE. | 17.000 | COC Line #5 |
| 250 1.0 | S. Phillips | | | | 795 | No. 19 | Yadi | COC Line #6 |
| 500 2.0 | | | 67 4-1 | 413 | Lange de La | | 5,34 | COC Line #7 |
| 000 4,0 | | | 115.13 | | | 11.0 | | COC Line #8 |
| er Type 13 H ₂ SO ₄ | | | Mar Park | 35-36 | 910 | 11545 | 50 36 | COC Line #9 |
| | | | FEMALES. | | 200 | | | COC Line #10 |