



13923 Sherman-White Road
PO Box 178
Swanton, Ohio 43558
Local 419-841-3232
Fax 419-882-8772

www.NRMsolution.com

March 28, 2025

Dino-Mite Crushing & Recycling, LLC
PO Box 702068
Livonia, Michigan 48170

Attention: Lisa Ebere
Reference: Dino-Mite Crushing & Recycling
2025 Q1 Visual Emissions Compliance Testing

Dear Ms. Ebere,

Natural Resources Management, LLC (NRM) has conducted visual emissions testing to satisfy the required quarterly testing using Method 9D in accordance with City of Detroit's Bulk Solid Materials Ordinance (Sec 42-2-177).

NRM's Mr. Paul Chasco conducted the visual emissions testing at the above-referenced facility on March 24, 2025. Mr. Chasco is a qualified visible emissions evaluator.

NRM was able to test visible emissions from six (6) locations on the property. The locations were selected to cover high-traffic areas, storage piles, and the entrance to the property. A map of the testing locations is attached to this letter.

Emissions controls included spray bars located at the crusher intake and the crusher output conveyor, a water truck to keep roadways wet, and a sweeper.

The visible emission observation forms for each of the emissions points are attached to this report. The three (3) minute averages for each emission point are located in the comments section of the attached observation form. We trust this report satisfies the required quarterly emissions testing.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul Chasco", is written over a light blue horizontal line.

Paul Chasco, Geologist
Natural Resources Management, LLC

c.c. Tony Calo, Dino-Mite Crushing & Recycling
Tony Macioci, Dino-Mite Crushing & Recycling

Attachments:
Q1 2025 VEO Testing Location Map
Field Observation Forms
Training Certification



Fullerton Ave

Fullerton Ave

Fullerton Ave

Fullerton Ave

Greenfield Rd

Greenfield Rd

Greenfield Rd

Google Earth

300 ft



1

2

3

4

5

6

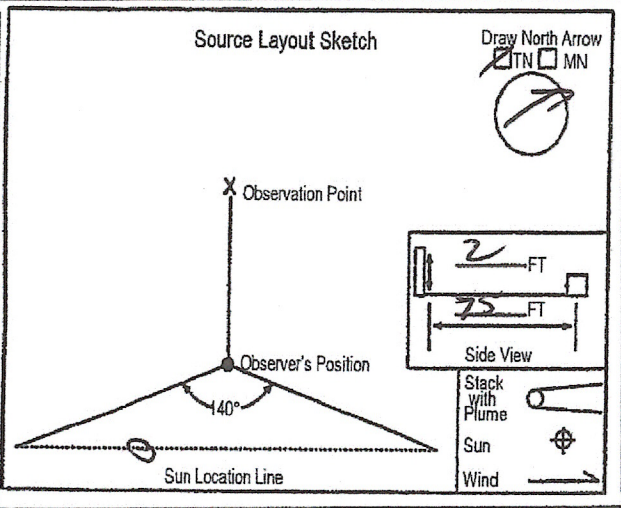
**EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM**

①

COMPANY NAME Dino-Mite Crushing			
LOCATION 12625 Greenfield Road			
LOCATION			
CITY Detroit	STATE MI	ZIP 48227	
PROCESS EQUIPMENT Crusher - Primary		OPERATING MODE on	
CONTROL EQUIPMENT Spring bars		OPERATING MODE on	
DESCRIBE EMISSION POINT Lippman Primary jaw crusher			
HEIGHT OF EMISSION POINT 6		HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START 2 END 2	
DISTANCE TO EMISSION POINT		DIRECTION TO EMISSION PT. (DEGREES 0-360))	
START 75' END 75'	START 296° END 296°		
VERTICAL ANGLE TO OBSERVATION POINT		DIRECTION TO OBSERVATION POINT (DEGREES 0-360))	
START 0 END 0	START 296° END 296°		
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT			
START 75' E END 75' E			
DESCRIBE EMISSIONS Concrete dust Concrete dust			
START Crusher	END Crusher		
EMISSION COLOR		WATER DROPLET PLUME	
START Grey END Grey	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input checked="" type="checkbox"/>		
DESCRIBE PLUME BACKGROUND			
START Grey crusher	END Crusher		
BACKGROUND COLOR		SKY CONDITIONS	
START Grey END Grey	START overcast END overcast		
WIND SPEED		WIND DIRECTION	
START 8 END 8	START SSW END SSW		
AMBIENT TEMP		WET BULB TEMP	
START 38° END 38°	START 25° END 63%		

OBSERVATION DATE 3-24-25	START TIME 1123	END TIME 1157
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MIN	SEC					COMMENTS
		0	15	30	45	
1	0	10	5	0		
2	5	0	5	0		
3	10	5	5	5		
4	0	0	0	5		
5	10	5	5	0		
6	0	0	0	5	Raised dust by rotation 3mi	
7	10	10	10	5	} 3 min Avg 7.5% } 6 min Avg 6.04%	
8	5	10	5	10		
9	5	10	5	5		
10	5	5	5	5		
11	5	10	0	0		
12	5	5	5	5		
13	0	0	5	0		
14	5	10	5	10		
15	5	0	5	5		
16	10	5	0	0		
17	5	5	10	5		
18	0	0	0	0		
19	5	5	0	5		
20	5	5	0	5		
21	10	10	10	5		
22	5	0	0	0		
23	0	5	5	5		
24	0	0	0	0		
25	5	5	0	5		
26	10	5	5	0		
27	5	10	5	5		
28	10	10	5	0		
29	0	0	0	0		
30	0	0	0	0		



OBSERVER'S NAME (PRINT) Paul Chusco	DATE 3-24-25
OBSERVER'S SIGNATURE <i>Paul Chusco</i>	DATE 3-24-25
ORGANIZATION Natural Resources Management	
CERTIFIED BY Whitlow Green	DATE 9-25-2024

ADDITIONAL INFORMATION

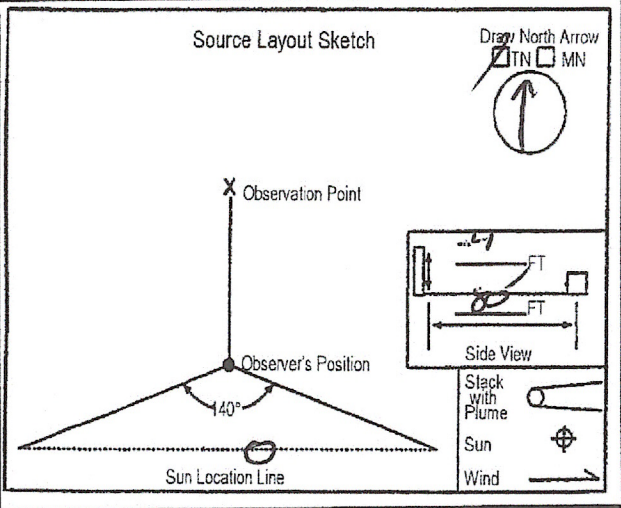
**EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM**

(2)

COMPANY NAME <i>Dino-Mite Crushing</i>		
LOCATION <i>12625 Greenfield Road</i>		
LOCATION		
CITY <i>Detroit</i>	STATE <i>MI</i>	ZIP <i>48227</i>
PROCESS EQUIPMENT <i>Haul Road</i>		OPERATING MODE <i>—</i>
CONTROL EQUIPMENT <i>Haul Road - water truck</i>		OPERATING MODE <i>As needed</i>
DESCRIBE EMISSION POINT <i>Site Roadway</i>		
HEIGHT OF EMISSION POINT <i>0</i>		HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START <i>-4</i> END <i>-4</i>
DISTANCE TO EMISSION POINT START <i>80'</i> END <i>80'</i>		DIRECTION TO EMISSION PT. (DEGREES 0-360)) START <i>355°</i> END <i>355°</i>
VERTICAL ANGLE TO OBSERVATION POINT START <i>-3°</i> END <i>-3°</i>		DIRECTION TO OBSERVATION POINT (DEGREES 0-360)) START <i>355°</i> END <i>355°</i>
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT START <i>80' @ 355°</i> END <i>80' @ 355°</i>		
DESCRIBE EMISSIONS START <i>Dust</i> END <i>Dust</i>		
EMISSION COLOR START <i>Brown</i> END <i>Brown</i>		WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input checked="" type="checkbox"/>
DESCRIBE PLUME BACKGROUND START <i>Concrete blocks</i> END <i>Concrete blocks</i>		
BACKGROUND COLOR START <i>white</i> END <i>white</i>		SKY CONDITIONS START <i>Overcast</i> END <i>Overcast</i>
WIND SPEED START <i>6</i> END <i>6</i>		WIND DIRECTION START <i>SSW</i> END <i>SSW</i>
AMBIENT TEMP START <i>38°</i> END <i>38°</i>		WET BULB TEMP <i>25°</i>
		RH percent <i>63</i>

OBSERVATION DATE <i>3-24-25</i>	START TIME <i>1123</i>	END TIME <i>1157</i>
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MIN	SEC				COMMENTS
	0	15	30	45	
1	0	0	0	0	<i>Trucks</i>
2	0	0	0	0	<i>1</i>
3	0	0	0	0	
4	0	0	0	0	<i>11</i>
5	0	0	0	0	
6	0	0	0	0	<i>Plume 2 with other concurrent runs 3m2</i>
7	0	0	0	0	<i>1</i>
8	0	0	0	0	<i>1</i>
9	0	0	0	0	
10	0	0	0	0	<i>11</i>
11	0	0	0	0	
12	0	0	0	0	<i>1</i>
13	0	0	0	0	
14	0	0	0	0	<i>1</i>
15	0	0	0	0	<i>11</i>
16	0	0	0	0	<i>1</i>
17	0	0	0	0	<i>1</i>
18	0	0	0	0	
19	0	0	0	0	<i>1</i>
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	<i>1</i>
23	0	0	0	0	<i>111</i>
24	0	0	0	0	<div style="border-left: 1px solid black; border-right: 1px solid black; padding: 5px;"> <i>6 min Average</i> <i>0.21%</i> <i>3 min Avg</i> <i>0.42 5/3</i> </div>
25	0	0	0	0	
26	0	0	0	0	
27	5	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	



ADDITIONAL INFORMATION

OBSERVER'S NAME (PRINT) <i>Paul Chasco</i>	DATE <i>3-25-27</i>
OBSERVER'S SIGNATURE <i>[Signature]</i>	DATE <i>3-25-27</i>
ORGANIZATION <i>Natural Resources Management</i>	
CERTIFIED BY <i>Whitlow Green</i>	DATE <i>9-25-2027</i>

EPA METHOD 9 (40 CFR 60 - Appendix A)
 VISIBLE EMISSION OBSERVATION FORM

(3)

COMPANY NAME: **Dino-Mite Crushing**

LOCATION: **12625 Greenfield Road**

CITY: **Detroit** STATE: **MI** ZIP: **48227**

PROCESS EQUIPMENT: **Stacker to 21A stackpile** OPERATING MODE: **operating**

CONTROL EQUIPMENT: **Reduced drop height** OPERATING MODE: **operating**

DESCRIBE EMISSION POINT: **LWX-15W stacker to 21A stackpile**

HEIGHT OF EMISSION POINT: **12'**

HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: START **8'** END **6'**

DISTANCE TO EMISSION POINT: START **40'** END **40'**

VERTICAL ANGLE TO OBSERVATION POINT: START **17°** END **17°**

DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): START **54°** END **54°**

DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: START **40' @ 54°** END **40' @ 54°**

DESCRIBE EMISSIONS: START **Concrete Dust** END **Concrete Dust**

EMISSION COLOR: **Brownish** WATER DROPLET PLUME: ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND: START **Stackpile** END **Stackpile**

BACKGROUND COLOR: **Grey** SKY CONDITIONS: START **overcast** END **overcast**

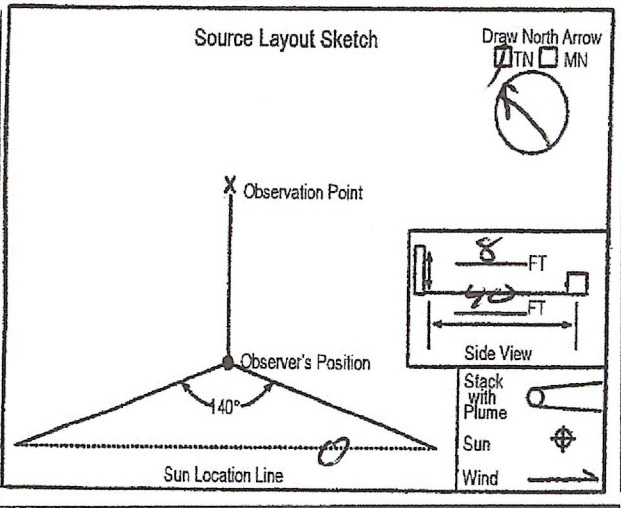
WIND SPEED: START **8** END **8** WIND DIRECTION: START **CSW** END **SSW**

AMBIENT TEMP: START **38** END **38** WET BULB TEMP: **25** RH percent: **63**

OBSERVATION DATE: **3-24-05** START TIME: **1123** END TIME: **1157**

MIN	SEC	0	15	30	45	COMMENTS
1	0	0	5	5		
2	10	0	5	0		
3	5	0	5	5		
4	5	0	0	0		
5	0	5	5	0		
6	0	0	5	5		Revised due to binoculars 3 min 6 min Avg 3.96%
7	5	10	5	5		
8	5	5	5	5		
9	0	5	5	0		
10	5	5	5	5		
11	0	0	5	5		
12	5	0	0	0		
13	0	5	0	5		
14	0	0	0	5		
15	0	5	5	0		
16	0	0	0	0		
17	0	0	5	0		
18	0	0	0	0		
19	0	5	0	5		
20	5	0	5	0		
21	5	5	0	5		
22	5	5	5	0		
23	0	0	5	0		
24	5	0	0	0		
25	0	0	5	5		
26	0	5	5	0		
27	5	10	5	0		
28	0	0	5	0		
29	0	0	0	0		
30	0	0	0	0		

3 min Avg
4.58%



OBSERVER'S NAME (PRINT): **Paul Chasco**

OBSERVER'S SIGNATURE: *Paul Chasco* DATE: **3-24-05**

ORGANIZATION: **Natural Resources Management**

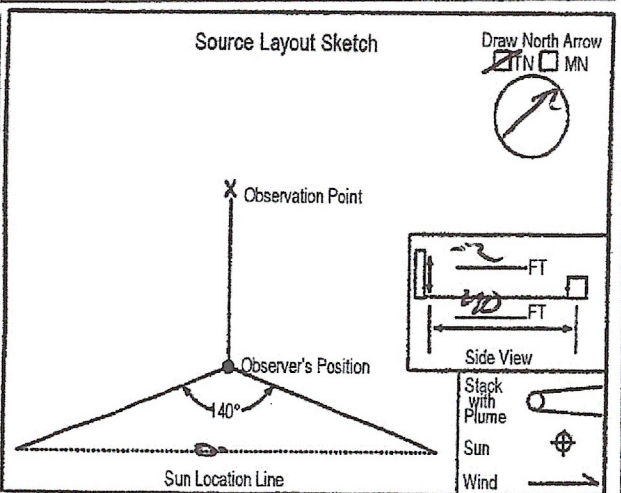
CERTIFIED BY: **Whitlow Green** DATE: **9-25-2004**

ADDITIONAL INFORMATION

**EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM**

(4)

COMPANY NAME Dino-Mite Crushing		
LOCATION 12625 Greenfield Road		
LOCATION		
CITY Detroit	STATE MI	ZIP 48227
PROCESS EQUIPMENT Scale		OPERATING MODE -
CONTROL EQUIPMENT None		OPERATING MODE
DESCRIBE EMISSION POINT Scale		
HEIGHT OF EMISSION POINT 2		HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START -2 END -2
DISTANCE TO EMISSION POINT START 40' END 40'		DIRECTION TO EMISSION PT. (DEGREES 0-360)) START 339° END 339°
VERTICAL ANGLE TO OBSERVATION POINT START -30° END -30°		DIRECTION TO OBSERVATION POINT (DEGREES 0-360)) START 339° END 339°
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT START 40' @ 339° END 40' @ 339°		
DESCRIBE EMISSIONS START None END None		
EMISSION COLOR START - END -		WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input checked="" type="checkbox"/>
DESCRIBE PLUME BACKGROUND START Sand stack-pile END Sand stack-pile		
BACKGROUND COLOR START Brown END Brown		SKY CONDITIONS START Overcast END Overcast
WIND SPEED START 5 END 5		WIND DIRECTION START South END South
AMBIENT TEMP START 38° END 38°		WET BULB TEMP 29.8
		RH percent 72



OBSERVATION DATE 3-24-2025		START TIME 1031				END TIME 1101
MIN	SEC	0	15	30	45	COMMENTS
1	0	0	0	0	0	1
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	
5	0	0	0	0	0	1
6	0	0	0	0	0	1
7	0	0	0	0	0	
8	0	0	0	0	0	
9	0	0	0	0	0	1
10	0	0	0	0	0	11
11	0	0	0	0	0	11
12	0	0	0	0	0	6 min Avg 0.00%
13	0	0	0	0	0	0.00%
14	0	0	0	0	0	1
15	0	0	0	0	0	1
16	0	0	0	0	0	1
17	0	0	0	0	0	
18	0	0	0	0	0	1
19	0	0	0	0	0	11
20	0	0	0	0	0	
21	0	0	0	0	0	
22	0	0	0	0	0	11
23	0	0	0	0	0	
24	0	0	0	0	0	
25	0	0	0	0	0	1
26	0	0	0	0	0	
27	0	0	0	0	0	
28	0	0	0	0	0	
29	0	0	0	0	0	1
30	0	0	0	0	0	

3 min Avg
0.00%

6 min Avg
0.00%

OBSERVER'S NAME (PRINT) Paul Chasco	
OBSERVER'S SIGNATURE <i>Paul Chasco</i>	DATE 3-24-25
ORGANIZATION Natural Resources Management	
CERTIFIED BY Whitlow Green	DATE 3-25-2025

ADDITIONAL INFORMATION

**EPA METHOD 9 (40 CFR 60 - Appendix A)
VISIBLE EMISSION OBSERVATION FORM**

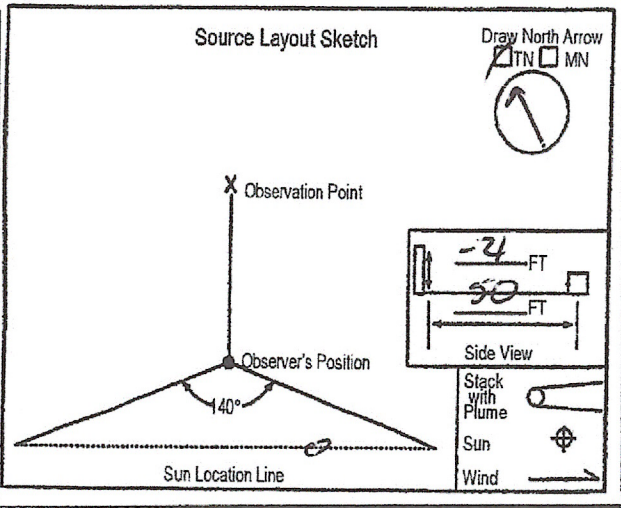
5

COMPANY NAME Dino-Mite Crushing	
LOCATION 12625 Greenfield Road	
LOCATION	
CITY Detroit	STATE MI
ZIP 48227	
PROCESS EQUIPMENT Rumble Strips	OPERATING MODE —
CONTROL EQUIPMENT None	OPERATING MODE —
DESCRIBE EMISSION POINT Rumble Strips	
HEIGHT OF EMISSION POINT 0	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START -4 END -4
DISTANCE TO EMISSION POINT	DIRECTION TO EMISSION PT. (DEGREES (0-360))
START 50' END 50'	START 045 END 045
VERTICAL ANGLE TO OBSERVATION POINT	DIRECTION TO OBSERVATION POINT (DEGREES (0-360))
START -10° END -10°	START 045 END 045
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT	
START 50' @ 045° END 50' @ 045°	
DESCRIBE EMISSIONS	
START None END None	
EMISSION COLOR	WATER DROPLET PLUME
START — END —	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input checked="" type="checkbox"/>
DESCRIBE PLUME BACKGROUND	
START Road END Site road	
BACKGROUND COLOR	SKY CONDITIONS
START Brown END Brown	START Overcast END overcast
WIND SPEED	WIND DIRECTION
START 5 END 5	START Swith END Swith
AMBIENT TEMP	WET BULB TEMP
START 38°F END 38°F	START 27°F END 72

OBSERVATION DATE 3-24-25	START TIME 103	END TIME 1101
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MIN	SEC					COMMENTS
		0	15	30	45	
1	0	0	0	0	0	Trucks ///
2	0	0	0	0	0	
3	0	0	0	0	0	1
4	0	0	0	0	0	
5	0	0	0	0	0	
6	0	0	0	0	0	
7	0	0	0	0	0	
8	5	0	0	0	0	
9	0	0	0	0	0	
10	0	0	0	0	0	
11	0	0	0	0	0	
12	0	0	0	0	0	
13	0	0	0	0	0	
14	0	0	0	0	0	
15	0	0	0	0	0	1
16	0	0	0	0	0	1
17	0	0	0	0	0	
18	0	0	0	0	0	1
19	0	0	0	0	0	1
20	0	0	0	0	0	1
21	0	0	0	0	0	1
22	0	0	0	0	0	
23	0	0	0	0	0	
24	0	0	0	0	0	
25	0	0	0	0	0	1
26	0	0	0	0	0	1
27	0	0	0	0	0	
28	0	0	0	0	0	
29	0	0	0	0	0	
30	0	0	0	0	0	1

6 min AVG. 0.21%
3 min Avg 0.12%



OBSERVER'S NAME (PRINT) Paul Chasco	
OBSERVER'S SIGNATURE <i>Paul Chasco</i>	DATE 3-24-25
ORGANIZATION Natural Resources Management	
CERTIFIED BY Whitlow Green	DATE 9-25-2024

ADDITIONAL INFORMATION

EPA METHOD 9 (40 CFR 60 - Appendix A)
 VISIBLE EMISSION OBSERVATION FORM

6

COMPANY NAME: **Dino-Mite Crushing**

LOCATION: **12625 Greenfield Road**

CITY: **Detroit** STATE: **MI** ZIP: **48227**

PROCESS EQUIPMENT: **Concrete Apron** OPERATING MODE: **—**

CONTROL EQUIPMENT: **Sweeper** OPERATING MODE: **hrs needed**

DESCRIBE EMISSION POINT: **Apron to Greenfield Rd**

HEIGHT OF EMISSION POINT: **0** HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER: **START -4 END -4**

DISTANCE TO EMISSION POINT: **START 75' END 75'** DIRECTION TO EMISSION PT. (DEGREES (0-360)): **START 65° END 65°**

VERTICAL ANGLE TO OBSERVATION POINT: **START -7° END -7°** DIRECTION TO OBSERVATION POINT (DEGREES (0-360)): **START 65° END 65°**

DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT: **START 75° @ 65° END 75° @ 65°**

DESCRIBE EMISSIONS: **START Dust END Dust**

EMISSION COLOR: **light gray** WATER DROPLET PLUME: **ATTACHED DETACHED NONE**

DESCRIBE PLUME BACKGROUND: **START Round END Round**

BACKGROUND COLOR: **Gray** SKY CONDITIONS: **overcast**

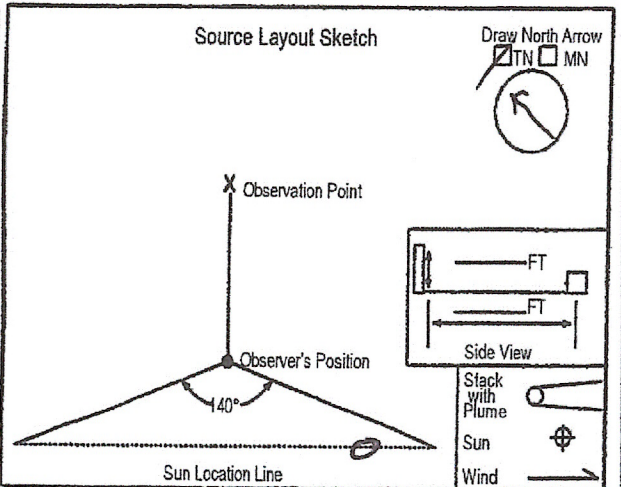
WIND SPEED: **START 5 END 5** WIND DIRECTION: **START South END South**

AMBIENT TEMP: **START 38 END 35** WET BULB TEMP: **29.8** RH percent: **72**

OBSERVATION DATE: **3-24-25** START TIME: **1031** END TIME: **1101**

MIN	SEC	0	15	30	45	COMMENTS
1	0	0	0	0	0	1 (sweeper) III
2	0	0	0	0	0	i
3	0	0	0	0	0	
4	0	0	0	0	0	i
5	0	0	0	0	0	i
6	0	0	0	0	0	
7	0	0	0	0	0	
8	5	0	0	0	0	III
9	0	0	5	5	5	} sweeper working extreme upper
10	0	0	5	0	0	
11	0	0	0	0	0	III 6 min AVG 1.04%
12	0	0	0	0	0	i
13	0	0	5	0	0	III
14	0	0	0	0	0	i
15	0	0	0	0	0	II
16	0	0	0	0	0	II
17	0	0	0	0	0	i
18	0	0	0	0	0	
19	0	0	0	0	0	II
20	0	0	0	0	0	II
21	0	0	0	0	0	i
22	0	0	0	0	0	III
23	0	0	0	0	0	i
24	0	0	0	0	0	
25	0	0	0	0	0	
26	0	0	0	0	0	i
27	0	0	0	0	0	
28	0	0	0	0	0	i
29	0	0	0	0	0	i
30	0	0	0	0	0	

3 min AVG = 1.67%



ADDITIONAL INFORMATION

OBSERVER'S NAME (PRINT): **Paul Chasco**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3-24-25**

ORGANIZATION: **Natural Resources Management**

CERTIFIED BY: **Whitlow Green** DATE: **9-25-2024**



WHITLOW GREEN EPA SMOKE SCHOOL, LLC

WWW.SMOKESCHOOL.NET

CERTIFIES THAT

PAUL CHASCO-NATURAL RESOURCES MANAGEMENT

Has passed the certification test required by EPA Method 9
40 CFR 60 Appendix A and is qualified as a visible emissions evaluator.
Certification Date: September 25, 2024 Location: Toledo, OH

Jerry Green & Gary Green
OWNERS

OH92524-PC-NATURALRESOURCESMANAGEMENT-01