EGLE-RRD-DetroitEDM

From: Lab <lab@fibertec.us>
Sent: Wednesday, August 17, 2022 12:39 PM
To: Vens, Beth (EGLE); Noyce, Kyle; doug.saigh@woodplc.com
Subject: EGLE - State Overflow: Van Dyke Ave 3650200103; (A10125) Lab Results
Attachments: A10125 Laboratory Report (Standard with Surrogate).pdf; A10125_COC.pdf

Dear Beth,

Thank you for choosing Fibertec Environmental Services for your analytical needs. Attached is the laboratory report for your recently requested analysis.

Fibertec retains all soil and water samples for 30 days. If you would like your samples returned, please contact us. Please note that Fibertec's hold policy for TO-15: samples will be disposed of 7 calendar days past the report date unless arrangements are made for extended storage.

Due to an increase in demand, Fibertec's TO-15 analysis and bottle order processing capabilities are scaling up. In order to best serve all of our clients, we are implementing the following changes, effective March 1, 2022.

- Standard turnaround time for TO-15 analysis will be 10-14 business days.
- Please note that projects requiring less than a 10-14 day turnaround time will be accepted on a VERY limited basis.
- TO-15 bottle orders will require a minimum 2-week notice to fill. (Bottle vacs, summa canisters, flow controllers, etc.)
- Tubing orders will require a minimum two-day notice. (Teflon or Masterflex)
- The fastest rush turnaround time that we can currently accommodate is three business days and increases based on project size.

Thank you for your continued support while we scale up production to match demand.

Kind Regards,

Suzie Ricketts
Client Service Representative

Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

sricketts@fibertec.us

The Choice of Environmental Professionals since 1987

Fibertec
environmental
services

Wednesday, August 17, 2022

Fibertec Project Number:	A10125
Project Identification:	Van Dyke Ave (3650200103) /3650200103
Submittal Date:	08/04/2022

Ms. Beth Vens

EGLE - State Overflow

Invoice sent to:

525 W. Allegan St., Constitution Hall-3N
Lansing, MI 48909

Dear Ms. Vens,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

By Sue Ricketts at 12:37 PM, Aug 17, 2022

For Daryl P. Strandbergh
Laboratory Director

Enclosures

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-001

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-2**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4435**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:31**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-001** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
13. Chloroform	U		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-001

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-2**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4435**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:31**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-001** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-2**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/15/22 19:56	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**82**	%	80-120	VN	VN22H15B	8/15/2022 19:56	1	VN400

1914 Holloway Drive *Holt, MI 48842* *T: (517) 699-0345* *F: (517) 699-0388*
11766 E. Grand River *Brighton, MI 48116* *T: (810) 220-3300* *F: (810) 220-3311*
8660 S. Mackinaw Trail *Cadillac, MI 49601* *T: (231) 775-8368* *F: (231) 775-8584*

lab@fibertec.us

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-002

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-8**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4336**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:43**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-002** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
13. Chloroform	U		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-002

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-8**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4336**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:43**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-002** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-8**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/15/22 21:44	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/15/2022 21:44	1	VN400

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-003

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-1**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**262**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:53**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-003** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
13. Chloroform	U		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-003

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-1**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**262**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**08:53**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-003** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-1**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/15/22 22:38	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/15/2022 22:38	1	VN400

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-004

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-4**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**2472**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-004** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
13. Chloroform	**37**		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-004

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-4**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**2472**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:05**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-004** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-4**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/15/22 23:33	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/15/2022 23:33	1	VN400

1914 Holloway Drive *Holt, MI 48842* *T: (517) 699-0345* *F: (517) 699-0388*
11766 E. Grand River *Brighton, MI 48116* *T: (810) 220-3300* *F: (810) 220-3311*
8660 S. Mackinaw Trail *Cadillac, MI 49601* *T: (231) 775-8368* *F: (231) 775-8584*

lab@fibertec.us

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-005

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-5**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4165**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:17**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-005** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
13. Chloroform	**15**		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-005

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-5**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4165**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:17**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-005** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-5**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/16/22 00:27	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/16/2022 00:27	1	VN400

1914 Holloway Drive *Holt, MI 48842* *T: (517) 699-0345* *F: (517) 699-0388*
11766 E. Grand River *Brighton, MI 48116* *T: (810) 220-3300* *F: (810) 220-3311*
8660 S. Mackinaw Trail *Cadillac, MI 49601* *T: (231) 775-8368* *F: (231) 775-8584*

lab@fibertec.us

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-006

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-6**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4449**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-006** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
13. Chloroform	U		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-006

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-6**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4449**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:30**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-006** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-6**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/16/22 01:22	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/16/2022 01:22	1	VN400

1914 Holloway Drive *Holt, MI 48842* *T: (517) 699-0345* *F: (517) 699-0388*
11766 E. Grand River *Brighton, MI 48116* *T: (810) 220-3300* *F: (810) 220-3311*
8660 S. Mackinaw Trail *Cadillac, MI 49601* *T: (231) 775-8368* *F: (231) 775-8584*

lab@fibertec.us

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-007

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-7**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4092**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:37**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-007** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 1. Acrylonitrile	U		µg/m3	11	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
2. Benzene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
3. Bromodichloromethane	U		µg/m3	8.0	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
4. Bromoform	U		µg/m3	62	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
5. Bromomethane	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
6. 1,3-Butadiene	U		µg/m3	2.7	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
7. 2-Butanone	U		µg/m3	35	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 8. n-Butylbenzene	U		µg/m3	5.5	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 9. sec-Butylbenzene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
10. Carbon Tetrachloride	U		µg/m3	7.5	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
11. Chlorobenzene	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
12. Chloroethane	U		µg/m3	16	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
13. Chloroform	U		µg/m3	5.9	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
14. Chloromethane	U		µg/m3	12	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
15. Cyclohexane	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
16. Dibromochloromethane	U		µg/m3	4.1	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
17. 1,2-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
18. 1,3-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
19. 1,4-Dichlorobenzene	U		µg/m3	36	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
20. Dichlorodifluoromethane	U		µg/m3	30	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
21. 1,1-Dichloroethane	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
22. 1,2-Dichloroethane	U		µg/m3	4.9	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
23. 1,1-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
24. cis-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
25. trans-1,2-Dichloroethene	U		µg/m3	24	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
26. 1,2-Dichloropropane	U		µg/m3	28	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
27. cis-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
28. trans-1,3-Dichloropropene	U		µg/m3	27	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
29. Ethylbenzene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
30. Ethylene Dibromide	U		µg/m3	0.92	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
31. n-Hexane	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 32. 2-Hexanone	U		µg/m3	49	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 33. Isopropylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
34. Methylene Chloride	U		µg/m3	42	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 35. 2-Methylnaphthalene	U		µg/m3	140	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
36. MTBE	U		µg/m3	22	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 37. Naphthalene	U		µg/m3	19	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA

Fibertec environmental services

Analytical Laboratory Report
Laboratory Project Number: A10125
Laboratory Sample Number: A10125-007

Order: A10125
Date: 08/17/22

Client Identification:	**EGLE - State Overflow**	Sample Description:	**SWP-7**	Chain of Custody:	**205852**
Client Project Name:	**Van Dyke Ave (3650200103)**	Sample No:	**4092**	Collect Date:	**07/29/22**
Client Project No:	**3650200103**	Sample Matrix:	**Air**	Collect Time:	**09:37**

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

TO-15 (Bottle-Vac) **Aliquot ID: A10125-007** **Matrix: Air**
Method: EPA TO-15 **Description: SWP-7**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation P. Date	Preparation P. Batch	Analysis A. Date	Analysis A. Batch	Init.
‡ 38. n-Propylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
39. Styrene	U		µg/m3	51	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
40. 1,1,2,2-Tetrachloroethane	U		µg/m3	3.3	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
41. Tetrachloroethene	U		µg/m3	41	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
42. Toluene	U		µg/m3	23	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 43. 1,2,3-Trichlorobenzene	U		µg/m3	7.4	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
44. 1,2,4-Trichlorobenzene	U		µg/m3	89	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
45. 1,1,1-Trichloroethane	U		µg/m3	33	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
46. 1,1,2-Trichloroethane	U		µg/m3	6.5	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
47. Trichloroethene	U		µg/m3	1.6	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
48. Trichlorofluoromethane	U		µg/m3	34	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 49. 1,2,3-Trimethylbenzene	U		µg/m3	1.5	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
50. 1,2,4-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
51. 1,3,5-Trimethylbenzene	U		µg/m3	29	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 52. 2,2,4-Trimethylpentane	U		µg/m3	1.4	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
53. Vinyl Chloride	U		µg/m3	15	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
54. m&p-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
55. o-Xylene	U		µg/m3	52	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA
‡ 56. Xylenes	U		µg/m3	100	4.0	08/15/22	VN22H15B	08/16/22 02:16	VN22H15B	CMA

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	**81**	%	80-120	VN	VN22H15B	8/16/2022 02:16	1	VN400

Definitions/ Qualifiers:

A: Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits
D: The sample or extract was analyzed at a DF greater than 1.

Exception Summary:

Analysis Locations:

All analyses performed in Holt.

Accreditation Number(s):

T104704518-19-8 (TX)

Fibertec environmental services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Geoprobe
11766 E. Grand River Rd.
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody #
205852
PAGE ___ of ___

Client Name: EGLE / Wood
Contact Person: Doug. Saigh
Project Name/ Number: Van Dyke Ave
Email distribution list: doug.saigh@woodplc.com
Kyle.noyce@woodplc.com
Quote#
Purchase Order#

Date	Time	Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	TO-15 (VOCs)	HOLD SAMPLE	Remarks: Can #
7-29	831		SVP-2	A	1	X		4435
7-29	843		SVP-3	A	1	X		4336
7-29	853		SVP-1	A	1	X		262
7-29	905		SVP-4	A	1	X		2472
7-29	917		SVP-5	A	1	X		4165
7-29	930		SVP-6	A	1	X		4449
7-29	937		SVP-7	A	1	X		4092

PARAMETERS

Matrix Code

S	Soil	GW	Ground Water
A	Air	SW	Surface Water
O	Oil	WW	Waste Water
P	Wipe	X	Other: Specify

Deliverables
- Level 2
- Level 3
- Level 4
- EDD

Received By Lab
AUG 04 2022
Initials: SS

Comments:

Sampled/Relinquished By: Ben M Hocktail — Date/ Time: 8-4
Relinquished By: Kyle A Shade — Date/ Time: 8/4/22 16:30
Relinquished By: — Date/Time:

Received By: Kyle A Shade 8/4/22 1:55
Received By:
Received By Laboratory:

Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY

_____1 bus. day _____2 bus. days _____3 bus. days _____4 bus. days

X 5-7 bus. days (standard) Other (specify time/date requirement): _____

LAB USE ONLY

Fibertec project number: A10125
Temperature upon receipt at Lab: Room Temp.

Please see back for terms and conditions