EGLE-RRD-DetroitEDM

From: Lab <lab@fibertec.us>

Sent: Tuesday, April 19, 2022 9:18 AM

To: Vens, Beth (EGLE); benjamin.hockstad@woodplc.com; Noyce, Kyle;

doug.saigh@woodplc.com

Subject: EGLE – State Overflow: Van Dyke Ave 3650200103; (A07729) Lab Results **Attachments:** A07729 Laboratory Report (Standard with Surrogate).pdf; A07729_COC.pdf

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

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 517-699-0345

The Choice of Environmental Professionals since 1987



Tuesday, April 19, 2022

Fibertec Project Number: A07729

Project Identification: Van Dyke Ave (3650200103) /3650200103

Submittal Date: 03/31/2022

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.

In regards to this project, Van Dyke Ave 3650200103, the file number is 731/20138.AGY. The contract order number is Y20153. Our permanent ISD number is 00869. The location code is 7G71.

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 9:16 AM, Apr 19, 2022

For Daryl P. Strandbergh Laboratory Director

Enclosures



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-7 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:09

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: A07729-001 Matrix: Air

Method: EPA TO-15

Description: SWP-7

Preparation Analysis Parameter(s) Result O Units Reporting Limit Dilution P. Date P. Batch A. Date A. Batch Init 1. Acrylonitrile U µg/m3 11 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 2 Benzene U ua/m3 19 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 3. Bromodichloromethane 21 8.0 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM $\mu g/m3$ 4 Bromoform U 62 4 0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM µg/m3 5. Bromomethane U 23 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B μg/m3 U VN22D15B 04/16/22 01:02 VN22D15B 6.1.3-Butadiene μg/m3 27 40 04/15/22 CM 7.2-Butanone U µg/m3 35 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B 8. n-Butylbenzene U 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B μg/m3 5.5 40 CM 9. sec-Butylbenzene U 1.6 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM ua/m3 U 7.5 VN22D15B 04/16/22 01:02 VN22D15B 10. Carbon Tetrachloride μg/m3 4.0 04/15/22 CM 11. Chlorobenzene U 28 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B µg/m3 CM 12. Chloroethane U 16 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM µg/m3 13. Chloroform 110 5.9 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM µg/m3 14. Chloromethane U 12 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM μg/m3 4.0 15. Cyclohexane u 41 4 0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM µg/m3 6.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B 16. Dibromochloromethane μg/m3 4.1 4.0 17.1.2-Dichlorobenzene U 36 4 0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM µg/m3 U VN22D15B 04/16/22 01:02 VN22D15B 18. 1.3-Dichlorobenzene µg/m3 36 4.0 04/15/22 U 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B 19.1.4-Dichlorobenzene μg/m3 36 40 CM 20. Dichlorodifluoromethane U 30 4 0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B ua/m3 U 21.1,1-Dichloroethane 24 4.0 VN22D15B 04/16/22 01:02 VN22D15B μg/m3 04/15/22 CM 22.1,2-Dichloroethane U ug/m3 4.9 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM U 23.1,1-Dichloroethene µg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 24. cis-1,2-Dichloroethene 400 24 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B ug/m3 CM 25. trans-1,2-Dichloroethene U μg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM U 4.0 26. 1.2-Dichloropropane $\mu g/m3$ 28 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 27. cis-1,3-Dichloropropene U μg/m3 27 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 28. trans-1,3-Dichloropropene U 27 4.0 VN22D15B 04/16/22 01:02 VN22D15B 04/15/22 CM μg/m3 29. Ethylbenzene U 52 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B µg/m3 30. Ethylene Dibromide U 0.92 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM μg/m3 U 31. n-Hexane μg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B U ‡ 32.2-Hexanone μg/m3 49 4 0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM 33. Isopropylbenzene U 29 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM ug/m3 U 34. Methylene Chloride µg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM ‡ 35. 2-Methylnaphthalene U 140 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B иа/т3 36. MTBE U 22 4.0 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM ug/m3 ‡ 37. Naphthalene U 19 04/15/22 VN22D15B 04/16/22 01:02 VN22D15B CM μg/m3 4.0

lab@fibertec.us

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



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-7 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:09

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)

Method: EPA TO-15

Aliquot ID: A07729-001

Description: SWP-7

Preparation

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						Prepar	ration	An	alysis				
Parameter(s)	Result	Q (Jnits	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.			
‡ 38. n-Propylbenzene	U	μ	g/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	СМ			
39. Styrene	U	μ	g/m3	51	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	СМ			
40.1,1,2,2-Tetrachloroethane	U	μ	g/m3	3.3	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
41. Tetrachloroethene	61	μ	g/m3	41	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
42. Toluene	U	μ	g/m3	23	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
‡ 43.1,2,3-Trichlorobenzene	U	μ	g/m3	7.4	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
44.1,2,4-Trichlorobenzene	U	μ	g/m3	89	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
45.1,1,1-Trichloroethane	U	μ	g/m3	33	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
46.1,1,2-Trichloroethane	U	μ	g/m3	6.5	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
47. Trichloroethene	23	μ	g/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
48. Trichlorofluoromethane	U	μ	g/m3	34	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
‡ 49.1,2,3-Trimethylbenzene	U	μ	g/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
50.1,2,4-Trimethylbenzene	U	μ	g/m3	29	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
51.1,3,5-Trimethylbenzene	U	μ	g/m3	29	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
‡ 52.2,2,4-Trimethylpentane	U	μ	g/m3	1.4	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
53. Vinyl Chloride	U	μ	g/m3	15	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
54. m&p-Xylene	U	μ	g/m3	52	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
55. o-Xylene	U	μ	g/m3	52	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	CM			
‡ 56. Xylenes	U	μ	g/m3	100	4.0	04/15/22	VN22D15B	04/16/22 01:02	VN22D15B	СМ			
Surrogate Summary				Control Limits	Instrument	Batch	Run T	ime Colum	n Inst. Me	ethod			

Surrogate Summary			Control Limits	Instrument	Batch	Run Time	Column	Inst. Method
4-Bromofluorobenzene(S)	91	%	80-120	VN	VN22D15B	4/16/2022 01:02	1	VN400



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-1 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:17

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: A07729-002 Matrix: Air

Method: EPA TO-15

Description: SWP-1

Preparation Analysis Parameter(s) Result O Units Reporting Limit Dilution P. Date P. Batch A. Date A. Batch Init 1. Acrylonitrile U µg/m3 11 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 2 Benzene U ua/m3 19 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 3. Bromodichloromethane U 8.0 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM $\mu g/m3$ U 4 Bromoform 62 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM µg/m3 5. Bromomethane U 23 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 U VN22D15B 04/16/22 01:55 VN22D15B 6.1.3-Butadiene μg/m3 27 40 04/15/22 CM 7.2-Butanone U µg/m3 35 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 8. n-Butylbenzene U 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 5.5 40 CM 9. sec-Butylbenzene U 1.6 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM ua/m3 7.5 U VN22D15B 04/16/22 01:55 VN22D15B 10. Carbon Tetrachloride μg/m3 4.0 04/15/22 CM CM 11. Chlorobenzene U 28 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B µg/m3 12. Chloroethane U 16 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM µg/m3 13. Chloroform U 5.9 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM µg/m3 14. Chloromethane U 12 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 15. Cyclohexane u 41 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM µg/m3 U 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 16. Dibromochloromethane μg/m3 4.1 4.0 04/15/22 17.1.2-Dichlorobenzene U 36 4 0 VN22D15B 04/16/22 01:55 VN22D15B CM µg/m3 U VN22D15B 04/16/22 01:55 VN22D15B 18. 1.3-Dichlorobenzene µg/m3 36 4.0 04/15/22 19.1,4-Dichlorobenzene U 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 36 40 CM U 20. Dichlorodifluoromethane 30 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B ua/m3 U 21.1,1-Dichloroethane 24 4.0 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 04/15/22 CM 22.1,2-Dichloroethane U ug/m3 4.9 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM U 23.1,1-Dichloroethene µg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 24. cis-1,2-Dichloroethene U 24 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM ug/m3 25. trans-1,2-Dichloroethene U μg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM U 4.0 26. 1.2-Dichloropropane $\mu g/m3$ 28 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 27. cis-1,3-Dichloropropene U μg/m3 27 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 28. trans-1,3-Dichloropropene U 27 4.0 VN22D15B 04/16/22 01:55 VN22D15B 04/15/22 CM μg/m3 29. Ethylbenzene U 52 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B µg/m3 30. Ethylene Dibromide U 0.92 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 U 31. n-Hexane μg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B U ‡ 32.2-Hexanone μg/m3 49 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 33. Isopropylbenzene U 29 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM ug/m3 U 34. Methylene Chloride µg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM ‡ 35. 2-Methylnaphthalene U 140 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B иа/т3 36. MTBE U 22 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM ug/m3 ‡ 37. Naphthalene U 19 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 4.0

lab@fibertec.us

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Order: A07729 Date: 04/19/22

Analysis

Client Identification: EGLE - State Overflow Sample Description: SWP-1 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:17

Sample Comments:

‡ 56. Xylenes

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: A07729-002 Matrix: Air Method: EPA TO-15 Description: SWP-1 Preparation P. Date Parameter(s) Result O Units Reporting Limit Dilution P. Batch U µg/m3 1.5 4.0 04/15/22

A. Date A. Batch Init. ‡ 38. n-Propylbenzene VN22D15B 04/16/22 01:55 VN22D15B CM 39. Styrene U μg/m3 51 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM 40.1,1,2,2-Tetrachloroethane U 3.3 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B $\mu g/m3$ U 41. Tetrachloroethene 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 41 CM μg/m3 42. Toluene U 23 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 4.0 u VN22D15B 04/16/22 01:55 VN22D15B CM ‡ 43.1,2,3-Trichlorobenzene µg/m3 74 40 04/15/22 44.1,2,4-Trichlorobenzene U µg/m3 89 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 45.1,1,1-Trichloroethane U 33 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 U VN22D15B 04/16/22 01:55 VN22D15B 46.1,1,2-Trichloroethane 6.5 4.0 04/15/22 μg/m3 U VN22D15B 04/16/22 01:55 VN22D15B 47. Trichloroethene μg/m3 1.6 4.0 04/15/22 CM U 48. Trichlorofluoromethane 34 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 ‡ 49.1,2,3-Trimethylbenzene U µg/m3 1.5 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM U 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 50. 1,2,4-Trimethylbenzene μg/m3 29 51.1,3,5-Trimethylbenzene U 29 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 ‡ 52.2,2,4-Trimethylpentane U 4 0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 14 CM µg/m3 53. Vinyl Chloride U 15 4.0 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B μg/m3 U 54. m&p-Xylene 52 40 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B CM μg/m3 U 52 04/15/22 VN22D15B 04/16/22 01:55 VN22D15B 55. o-Xylene µg/m3 4.0

 Surrogate Summary
 Control Limits
 Instrument
 Batch
 Run Time
 Column
 Inst. Method

 4-Bromofluorobenzene(S)
 91
 %
 80-120
 VN
 VN22D15B
 4/16/2022 01:55
 1
 VN400

100

40

U

μg/m3

04/15/22

VN22D15B 04/16/22 01:55 VN22D15B



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-2 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:27

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: A07729-003 Matrix: Air

Method: EPA TO-15

Description: SWP-2

Preparation Analysis Parameter(s) Result O Units Reporting Limit Dilution P. Date P. Batch A. Date A. Batch Init 1. Acrylonitrile U µg/m3 11 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 2 Benzene U ua/m3 19 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 3. Bromodichloromethane U 8.0 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 U 4 Bromoform 62 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM µg/m3 5. Bromomethane U 23 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 U VN22D15B 04/16/22 02:49 VN22D15B 6.1.3-Butadiene μg/m3 27 40 04/15/22 CM 7.2-Butanone U µg/m3 35 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 8. n-Butylbenzene U 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 5.5 40 CM 9. sec-Butylbenzene U 1.6 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM ua/m3 7.5 U VN22D15B 04/16/22 02:49 VN22D15B 10. Carbon Tetrachloride μg/m3 4.0 04/15/22 CM 11. Chlorobenzene U 28 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM µg/m3 12. Chloroethane U µg/m3 16 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 13. Chloroform U 5.9 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM µg/m3 14. Chloromethane U 12 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 VN22D15B 04/16/22 02:49 VN22D15B 15. Cyclohexane u 41 4 0 04/15/22 CM µg/m3 U 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 16. Dibromochloromethane μg/m3 4.1 4.0 04/15/22 17.1.2-Dichlorobenzene U 36 4 0 VN22D15B 04/16/22 02:49 VN22D15B CM µg/m3 U VN22D15B 04/16/22 02:49 VN22D15B 18. 1.3-Dichlorobenzene µg/m3 36 4.0 04/15/22 19.1,4-Dichlorobenzene U 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 36 CM U 20. Dichlorodifluoromethane 30 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B ua/m3 U 21.1,1-Dichloroethane 24 4.0 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 04/15/22 CM 22.1,2-Dichloroethane U ug/m3 4.9 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM U 23.1,1-Dichloroethene µg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 24. cis-1,2-Dichloroethene U μg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 25. trans-1,2-Dichloroethene U μg/m3 24 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM U $\mu g/m3$ 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 26. 1.2-Dichloropropane 28 CM 27. cis-1,3-Dichloropropene U μg/m3 27 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 28. trans-1,3-Dichloropropene U 27 4.0 VN22D15B 04/16/22 02:49 VN22D15B 04/15/22 CM μg/m3 29. Ethylbenzene U 52 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B µg/m3 30. Ethylene Dibromide U 0.92 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 U 31. n-Hexane μg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B U ‡ 32.2-Hexanone μg/m3 49 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 33. Isopropylbenzene U 29 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM ug/m3 U 34. Methylene Chloride µg/m3 42 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM ‡ 35. 2-Methylnaphthalene U 140 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B иа/т3 36. MTBE U 22 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM ug/m3 ‡ 37. Naphthalene U 19 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 4.0

> 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail

Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584



Order: A07729 Date: 04/19/22

03/29/22

Collect Date:

Client Identification: EGLE - State Overflow Sample Description: SWP-2 Chain of Custody: 199756

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:27

Sample Comments:

Client Project Name:

Van Dyke Ave (3650200103)

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

Sample No:

TO-15 (Bottle-Vac) Aliquot ID: A07729-003 Matrix: Air Method: EPA TO-15 Description: SWP-2 Preparation Analysis Parameter(s) Result O Units Reporting Limit Dilution P. Date P. Batch A. Date A. Batch Init. ‡ 38. n-Propylbenzene U µg/m3 1.5 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 39. Styrene U μg/m3 51 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM 40.1,1,2,2-Tetrachloroethane U 3.3 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B $\mu g/m3$ U 41. Tetrachloroethene 41 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 42. Toluene U 23 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 4.0 u VN22D15B 04/16/22 02:49 VN22D15B CM ‡ 43.1,2,3-Trichlorobenzene µg/m3 74 40 04/15/22 44.1,2,4-Trichlorobenzene U µg/m3 89 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 45.1,1,1-Trichloroethane U 33 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 U VN22D15B 04/16/22 02:49 VN22D15B 46.1,1,2-Trichloroethane 6.5 4.0 04/15/22 μg/m3 U 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 47. Trichloroethene μg/m3 1.6 4.0 CM U 48. Trichlorofluoromethane 34 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 ‡ 49.1,2,3-Trimethylbenzene U µg/m3 1.5 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM U 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 50. 1,2,4-Trimethylbenzene μg/m3 29 51.1,3,5-Trimethylbenzene U 29 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 ‡ 52.2,2,4-Trimethylpentane U 4 0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 14 CM µg/m3 53. Vinyl Chloride U 15 4.0 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 U 54. m&p-Xylene 52 40 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B CM μg/m3 U 52 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B 55. o-Xylene µg/m3 4.0 ‡ 56. Xylenes U 04/15/22 VN22D15B 04/16/22 02:49 VN22D15B μg/m3 100 40

Surrogate Summary

4-Bromofluorobenzene(S)

92

%

80-120

VN

VN22D15B

4/16/2022 02:49

1

VN400



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-8 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:36

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: A07729-004 Matrix: Air

Method: EPA TO-15

Description: SWP-8

						Prepar			alysis	
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acrylonitrile	U		μg/m3	11	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
2. Benzene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
3. Bromodichloromethane	U		μg/m3	8.0	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
4. Bromoform	U		μg/m3	62	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
5. Bromomethane	U		μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
6.1,3-Butadiene	U		μg/m3	2.7	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
7.2-Butanone	U		μg/m3	35	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 8. n-Butylbenzene	U		μg/m3	5.5	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 9. sec-Butylbenzene	U		μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
10. Carbon Tetrachloride	U		μg/m3	7.5	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
11. Chlorobenzene	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
12. Chloroethane	U		μg/m3	16	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
13. Chloroform	U		μg/m3	5.9	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
14. Chloromethane	U		μg/m3	12	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
15. Cyclohexane	U		μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
16. Dibromochloromethane	U		μg/m3	4.1	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
17.1,2-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
18.1,3-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
19.1,4-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
20. Dichlorodifluoromethane	U		μg/m3	30	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
21.1,1-Dichloroethane	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
22.1,2-Dichloroethane	U		μg/m3	4.9	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
23.1,1-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
24. cis-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
25. trans-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
26.1,2-Dichloropropane	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
27. cis-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
28. trans-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
29. Ethylbenzene	U		μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
30. Ethylene Dibromide	U		μg/m3	0.92	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
31. n-Hexane	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 32.2-Hexanone	U		μg/m3	49	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
‡ 33. Isopropylbenzene	U		μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
34. Methylene Chloride	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
‡ 35.2-Methylnaphthalene	U		μg/m3	140	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
36. MTBE	U		μg/m3	22	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
‡ 37. Naphthalene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM

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Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-8 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:36

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)	Alia	uot ID:	A07729-004	Matrix: Air					
Method: EPA TO-15			•	cription:		Matrix.	MII		
					Prepa	ration	Δn	alysis	
Parameter(s)	Result	Q Units	Reporting Limit	Dilution		P. Batch	A. Date	A. Batch	Init.
‡ 38. n-Propylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
39. Styrene	U	μg/m3	51	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
40.1,1,2,2-Tetrachloroethane	U	μg/m3	3.3	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
41. Tetrachloroethene	U	μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
42. Toluene	U	μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 43.1,2,3-Trichlorobenzene	U	μg/m3	7.4	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
44.1,2,4-Trichlorobenzene	U	μg/m3	89	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
45.1,1,1-Trichloroethane	U	μg/m3	33	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
46.1,1,2-Trichloroethane	U	μg/m3	6.5	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
47. Trichloroethene	U	μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
48. Trichlorofluoromethane	U	μg/m3	34	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
‡ 49.1,2,3-Trimethylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
50.1,2,4-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
51.1,3,5-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 52.2,2,4-Trimethylpentane	U	μg/m3	1.4	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
53. Vinyl Chloride	U	μg/m3	15	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
54. m&p-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ
55. o-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	CM
‡ 56. Xylenes	U	μg/m3	100	4.0	04/15/22	VN22D15B	04/16/22 03:42	VN22D15B	СМ

 Surrogate Summary
 Control Limits
 Instrument
 Batch
 Run Time
 Column
 Inst. Method

 4-Bromofluorobenzene(S)
 89
 %
 80-120
 VN
 VN22D15B
 4/16/2022 03:42
 1
 VN400



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-4 Chain of Custody: 199756

 Client Project Name:
 Van Dyke Ave (3650200103)
 Sample No:
 Collect Date:
 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:47

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: A07729-005 Matrix: Air

Method: EPA TO-15

Description: SWP-4

						Prepa	ation	Ana	alysis	
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acrylonitrile	U		μg/m3	11	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
2. Benzene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
3. Bromodichloromethane	U		μg/m3	8.0	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
4. Bromoform	U		μg/m3	62	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
5. Bromomethane	U		μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
6.1,3-Butadiene	U		μg/m3	2.7	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
7.2-Butanone	U		μg/m3	35	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 8. n-Butylbenzene	U		μg/m3	5.5	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 9. sec-Butylbenzene	U		μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
10. Carbon Tetrachloride	U		μg/m3	7.5	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
11. Chlorobenzene	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
12. Chloroethane	U		μg/m3	16	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
13. Chloroform	15		μg/m3	5.9	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
14. Chloromethane	U		μg/m3	12	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
15. Cyclohexane	U		μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
16. Dibromochloromethane	U		μg/m3	4.1	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
17.1,2-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
18.1,3-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
19.1,4-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
20. Dichlorodifluoromethane	U		μg/m3	30	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
21.1,1-Dichloroethane	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
22.1,2-Dichloroethane	U		μg/m3	4.9	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
23.1,1-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
24. cis-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
25. trans-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
26.1,2-Dichloropropane	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
27. cis-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
28. trans-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
29. Ethylbenzene	U		μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
30. Ethylene Dibromide	U		μg/m3	0.92	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
31.n-Hexane	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 32.2-Hexanone	U		μg/m3	49	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
‡ 33. Isopropylbenzene	U		μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
34. Methylene Chloride	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
‡ 35.2-Methylnaphthalene	U		μg/m3	140	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
36. MTBE	U		μg/m3	22	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
‡ 37. Naphthalene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM

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



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-4 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:47

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)			Aliq	uot ID:	A07729-005	Matrix:	Air		
Method: EPA TO-15			Des	cription: S	SWP-4				
					Prepar	ation	An	alysis	
Parameter(s)	Result	Q Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 38. n-Propylbenzene	3.6	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
39. Styrene	U	μg/m3	51	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
40.1,1,2,2-Tetrachloroethane	U	μg/m3	3.3	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
41. Tetrachloroethene	U	μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
42. Toluene	U	μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 43.1,2,3-Trichlorobenzene	U	μg/m3	7.4	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
44.1,2,4-Trichlorobenzene	U	μg/m3	89	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
45.1,1,1-Trichloroethane	U	μg/m3	33	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
46.1,1,2-Trichloroethane	U	μg/m3	6.5	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
47. Trichloroethene	U	μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
48. Trichlorofluoromethane	U	μg/m3	34	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 49.1,2,3-Trimethylbenzene	10	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
50.1,2,4-Trimethylbenzene	59	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
51.1,3,5-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
52.2,2,4-Trimethylpentane	U	μg/m3	1.4	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
53. Vinyl Chloride	U	μg/m3	15	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
54. m&p-Xylene	140	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
55. o-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	CM
‡ 56. Xylenes	150	μg/m3	100	4.0	04/15/22	VN22D15B	04/16/22 04:36	VN22D15B	СМ
Surrogate Summary			Control Limits	Instrumer	nt <u>Batch</u>	Run T	ime <u>Colum</u>	nn Inst. Me	ethod
4-Bromofluorobenzene(S)	91	%	80-120	VN	VN22D15B	4/16/2022	2 04:36 1	VN4	00



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-5 Chain of Custody: 199756

 Client Project Name:
 Van Dyke Ave (3650200103)
 Sample No:
 Collect Date:
 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:56

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: A07729-006 Matrix: Air

Method: EPA TO-15

Description: SWP-5

						Prepa	ration	Ana	alysis	
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acrylonitrile	U		μg/m3	11	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
2. Benzene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
3. Bromodichloromethane	U		μg/m3	8.0	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
4. Bromoform	U		μg/m3	62	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
5. Bromomethane	U		μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
6.1,3-Butadiene	U		μg/m3	2.7	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
7.2-Butanone	U		μg/m3	35	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
‡ 8. n-Butylbenzene	U		μg/m3	5.5	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 9. sec-Butylbenzene	U		μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
10. Carbon Tetrachloride	U		μg/m3	7.5	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
11. Chlorobenzene	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
12. Chloroethane	U		μg/m3	16	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
13. Chloroform	19		μg/m3	5.9	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
14. Chloromethane	U		μg/m3	12	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
15. Cyclohexane	U		μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
16. Dibromochloromethane	U		μg/m3	4.1	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
17. 1,2-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
18. 1,3-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
19.1,4-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
20. Dichlorodifluoromethane	U		μg/m3	30	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
21.1,1-Dichloroethane	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
22.1,2-Dichloroethane	U		μg/m3	4.9	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
23.1,1-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
24. cis-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
25. trans-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
26.1,2-Dichloropropane	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
27. cis-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
28. trans-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
29. Ethylbenzene	U		μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
30. Ethylene Dibromide	U		μg/m3	0.92	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
31. n-Hexane	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 32.2-Hexanone	U		μg/m3	49	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 33. Isopropylbenzene	U		μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
34. Methylene Chloride	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 35.2-Methylnaphthalene	U		μg/m3	140	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
36.MTBE	U		μg/m3	22	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 37. Naphthalene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ

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



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-5 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 16:56

Sample Comments:

‡ 56. Xylenes

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

TO-15 (Bottle-Vac)				uot ID:	A07729-006	Matrix: Air			
Method: EPA TO-15			Des	cription:	SWP-5				
					Prepa	ration	An	alysis	
Parameter(s)	Result	Q Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 38. n-Propylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
39. Styrene	U	μg/m3	51	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
40.1,1,2,2-Tetrachloroethane	U	μg/m3	3.3	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
41. Tetrachloroethene	U	μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
42. Toluene	U	μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
‡ 43.1,2,3-Trichlorobenzene	U	μg/m3	7.4	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
44.1,2,4-Trichlorobenzene	U	μg/m3	89	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
45.1,1,1-Trichloroethane	U	μg/m3	33	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
46.1,1,2-Trichloroethane	U	μg/m3	6.5	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
47. Trichloroethene	U	μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
48. Trichlorofluoromethane	U	μg/m3	34	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
‡ 49.1,2,3-Trimethylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	CM
50.1,2,4-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
51.1,3,5-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
52.2,2,4-Trimethylpentane	U	μg/m3	1.4	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
53. Vinyl Chloride	U	μg/m3	15	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
54. m&p-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
55. o-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 05:29	VN22D15B	СМ
		· · ·							

 Surrogate Summary
 Control Limits
 Instrument
 Batch
 Run Time
 Column
 Inst. Method

 4-Bromofluorobenzene(S)
 90
 %
 80-120
 VN
 VN22D15B
 4/16/2022 05:29
 1
 VN400

100

4.0

04/15/22

U

 $\mu g/m3$

VN22D15B 04/16/22 05:29 VN22D15B CM



Order: A07729 Date: 04/19/22

Client Identification: EGLE - State Overflow Sample Description: SWP-6 Chain of Custody: 199756

Client Project Name: Van Dyke Ave (3650200103) Sample No: Collect Date: 03/29/22

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 17:04

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: A07729-007 Matrix: Air

Method: EPA TO-15

Description: SWP-6

						Prepar			alysis	
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Acrylonitrile	U		μg/m3	11	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
2. Benzene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
3. Bromodichloromethane	U		μg/m3	8.0	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
4. Bromoform	U		μg/m3	62	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
5. Bromomethane	U		μg/m3	23	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
6.1,3-Butadiene	U		μg/m3	2.7	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
7.2-Butanone	U		μg/m3	35	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
‡ 8. n-Butylbenzene	U		μg/m3	5.5	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
‡ 9. sec-Butylbenzene	U		μg/m3	1.6	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
10. Carbon Tetrachloride	U		μg/m3	7.5	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
11. Chlorobenzene	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
12. Chloroethane	U		μg/m3	16	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
13. Chloroform	U		μg/m3	5.9	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
14. Chloromethane	U		μg/m3	12	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
15. Cyclohexane	U		μg/m3	41	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
16. Dibromochloromethane	U		μg/m3	4.1	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
17.1,2-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
18.1,3-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
19.1,4-Dichlorobenzene	U		μg/m3	36	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
20. Dichlorodifluoromethane	U		μg/m3	30	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
21.1,1-Dichloroethane	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
22.1,2-Dichloroethane	U		μg/m3	4.9	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
23.1,1-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
24. cis-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
25. trans-1,2-Dichloroethene	U		μg/m3	24	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
26.1,2-Dichloropropane	U		μg/m3	28	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
27. cis-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
28. trans-1,3-Dichloropropene	U		μg/m3	27	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
29. Ethylbenzene	U		μg/m3	52	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
30. Ethylene Dibromide	U		μg/m3	0.92	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
31.n-Hexane	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
‡ 32.2-Hexanone	U		μg/m3	49	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
‡ 33. Isopropylbenzene	U		μg/m3	29	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
34. Methylene Chloride	U		μg/m3	42	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	СМ
‡ 35.2-Methylnaphthalene	U		μg/m3	140	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM
36. MTBE	U		μg/m3	22	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	СМ
‡ 37. Naphthalene	U		μg/m3	19	4.0	04/15/22	VN22D15B	04/16/22 06:23	VN22D15B	CM

lab@fibertec.us

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



Order: A07729 Date:

04/19/22

EGLE - State Overflow SWP-6 199756 Client Identification: Sample Description: Chain of Custody:

Van Dyke Ave (3650200103) 03/29/22 Client Project Name: Sample No: Collect Date:

Client Project No: 3650200103 Sample Matrix: Air Collect Time: 17:04

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)			Aliq	uot ID:	A07729-007	Matrix: Air			
Method: EPA TO-15			Des	cription:	SWP-6				
					Prepar	ation	An	alysis	
Parameter(s)	Result	Q Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	lnit.
‡ 38. n-Propylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	CM
39. Styrene	U	μg/m3	51	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	CM
40.1,1,2,2-Tetrachloroethane	U	μg/m3	3.3	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
41. Tetrachloroethene	U	μg/m3	41	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
42. Toluene	U	μg/m3	23	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
‡ 43.1,2,3-Trichlorobenzene	U	μg/m3	7.4	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
44.1,2,4-Trichlorobenzene	U	μg/m3	89	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
45.1,1,1-Trichloroethane	U	μg/m3	33	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
46.1,1,2-Trichloroethane	U	μg/m3	6.5	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
47. Trichloroethene	U	μg/m3	1.6	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
48. Trichlorofluoromethane	U	μg/m3	34	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
‡ 49.1,2,3-Trimethylbenzene	U	μg/m3	1.5	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
50.1,2,4-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
51.1,3,5-Trimethylbenzene	U	μg/m3	29	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
‡ 52.2,2,4-Trimethylpentane	U	μg/m3	1.4	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
53. Vinyl Chloride	U	μg/m3	15	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
54. m&p-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
55. o-Xylene	U	μg/m3	52	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	CM
‡ 56. Xylenes	U	μg/m3	100	4.0	04/15/22	VN22D15B 04/1	6/22 06:23	VN22D15B	СМ
Surrogate Summary			Control Limits	Instrume	ent Batch	Run Time	Colum	ın Inst. Me	ethod
4-Bromofluorobenzene(S)	87	%	80-120	VN	VN22D15B	4/16/2022 06:2	23 1	VN4	00

1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601

T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368



Analytical Laboratory Report Laboratory Project Number: A07729

Order: A07729 Date: 04/19/22

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)

lab@fibertec.us

Fibertec environmental services

Analytical Laboratory

Holf, MI 48842

Phone: 517 699 0345 Fax: 517 699 0388

email: lab@fibertec.us

1914 Holloway Drive 8660 \$. 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 #

PAGE ____ of ____

	AN	501/10	od / EGLE							PARAMETER	00			Matrix Code Deliverables
Client Nam	ie: AME	CI WO	od / COILC				\vdash		ТТ	TAKAMETER		T		
Contact Pe	erson: Da	19 30	, y.c.											S Soil GW Ground Water Level 2
Project Na	me/ Number:	Van	Dyke		a a		-							A Air Sw Surface Water Level 3
76	50200	105	101 10/2		R COD		M						SAMPLE	O Oil www Waste Water _ Level 4
Email distrit	oution list: ale	July Said	Lipic.com		NER FO	S	VOCK						SAN	P Wipe X Other; Specify EDD
Kyle.	oyce@	woodple	com		H COR	R	\vee						HOLD	
Quote#					SEE RIG	NTA	1/8						_	
Purchase (Order#				MATRIX (OF CONTAINERS								0.444
Date	Time	Sample #	Client Sample Descrip	otor	Σ¥	0 #	1							Remarks: CAN #
3/29	1609		SWP-7		A	1	X							1002
	1617		SWP-1		A	1	X			10011				3596
	1627		SWP-2		A	1	X							581
	1636		SWP-8		A	1	X							2982
	1647		SWP-4		A	T	X							3468
	1656		SWP-5		A	1	X			1 1				2605 Received Ry Lab
1	1704		SWP-6		A	Ì	ΙΧΙ							1071
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1 bus. day2 bus. days3 bus. days						4 l	bus, do	ıys			F	iberte	c pro	oject number: At 7724
X_5-7	Other (specify time/date requirement):								27		Т	empe	ratur	re upon receipt at Lab: Roun Jemp
				Please	500	h	acki	or te	rms an	d condi	tions			