

TRANSMITTAL LETTER



To:
 Paul Owens
 Michigan Department of
 Environment, Great Lakes &
 Energy
 27700 Donald Court
 Warren, MI 48092

From:
 Kris Hinskey

Arcadis U.S., Inc.
 28550 Cabot Drive
 Suite 500
 Novi
 Michigan 48377
 Tel 248 994 2240

Copies:

Date:
 September 29, 2023

Subject:

Livonia Transmission Plant
 Utility Corridor Assessment –
 Monthly Update for the Utility
 Corridor SSVE ResAP IRA
 Activities

Arcadis Project No.:
 30167538

We are sending you copies:

Attached **Under Separate Cover Via _____ the Following Items:**

- | | | | |
|--|----------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Plans | <input type="checkbox"/> Specifications | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> Prints | <input type="checkbox"/> Samples | <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Reports |
| <input checked="" type="checkbox"/> Other: | | | |

Copies	Delivery Date	Drawing No.	Rev.	Description	Action*
1	9/29/2023			Utility Corridor Assessment – Monthly Update for the Utility Corridor SSVE ResAP IRA Activities – hard copy	
1	9/29/2023			Utility Corridor Assessment – Monthly Update for the Utility Corridor SSVE ResAP IRA Activities – electronic copy CD	

Action*

- | | | |
|---|--|--|
| <input type="checkbox"/> A Approved | <input type="checkbox"/> CR Correct and Resubmit | <input type="checkbox"/> Resubmit _____ Copies |
| <input type="checkbox"/> AN Approved As Noted | <input type="checkbox"/> F File | <input type="checkbox"/> Return _____ Copies |
| <input type="checkbox"/> AS As Requested | <input type="checkbox"/> FA For Approval | <input type="checkbox"/> Review and Comment |
| <input checked="" type="checkbox"/> Other: <u>As indicated to be provided to EGLE in the Utility Corridor ResAP IRA provided to EGLE on May 31, 2022.</u> | | |

Mailing Method

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> U.S. Postal Service 1 st Class | <input type="checkbox"/> Courier/Hand Delivery | <input type="checkbox"/> FedEx Priority Overnight | <input type="checkbox"/> FedEx 2-Day Delivery |
| <input type="checkbox"/> Certified/Registered Mail | <input type="checkbox"/> United Parcel Service (UPS) | <input checked="" type="checkbox"/> FedEx Standard Overnight | <input type="checkbox"/> FedEx Economy |
| <input type="checkbox"/> Other: _____ | | | |

MEMO



To:
Paul Owens, District Supervisor
EGLE Warren District Office
27700 Donald Court
Warren, Michigan 48092-2793
owensp@michigan.gov

Copies:
Jeanne Schlaufman, EGLE
Matt Williams, EGLE
Beth Vens, EGLE
Todd Walton, Ford
Chuck Pinter, Ford

Arcadis of Michigan, LLC
28550 Cabot Drive
Suite 500
Novi
Michigan 48377
Tel 248 994 2240

From:

Kris Hinskey

Date:

September 29, 2023

Arcadis Project No.:

30167538

Subject:

Utility Corridor Assessment – Monthly Update for the Utility Corridor SSVE
ResAP IRA Activities
36200 Plymouth Road, Livonia, Wayne County, Michigan
Consent Decree No 2:1712372-GAD-RSW (CD)
Site ID No.: 82002970

On behalf of Ford Motor Company (Ford), Arcadis of Michigan, LLC (Arcadis) has prepared this memorandum (memo) for the Livonia Transmission Plant (LTP) site (the site). This memo is intended to update the Michigan Department of Environment, Great Lakes, and Energy (EGLE) with the most recent field activities related to the Utility Corridor Sanitary Sewer Vapor Extraction (SSVE) System Response Activity Plan for Interim Response Activities (Utility Corridor SSVE ResAP IRA) submitted to EGLE on May 31, 2022 (approved by EGLE June 23, 2022) and serves as the submittal for the month of September 2023. This memo also meets the obligations outlined in Section A (ii) of EGLE’s June 8, 2023 letter.

Utility Corridor SSVE Response Activity Plan for Interim Response Activities – Update

On-site Response Activities

Sanitary Sewer Vapor Extraction System Operation and Compliance Sampling

The SSVE system continues to run at a flowrate of approximately 900 cubic feet per minute (cfm). The location of the SSVE system is provided on **Figure 1**. Compliance sampling continues to be completed monthly in accordance with the sampling frequency described in the Utility Corridor SSVE ResAP IRA.

Compliance samples were collected on September 21, 2023. Analytical results from these vapor grab samples were below the site-specific volatilization to indoor air criteria (SSVIAC) at the compliance sample locations SAMH-1231, SL-2, and SL-3. Vapor grab sampling results to date for the SSVE compliance locations are included in **Table 1**. The next vapor sampling event of the compliance locations will be completed the week of October 2, 2023.

Utility Corridor Memo
Livonia Transmission Plant

Overall, a significant decrease in analytical vapor concentrations from samples collected at the compliance locations continues to be observed following the installation and operation of the SSVE system at the primary extraction location, as detailed in **Exhibit 1** below.

Exhibit 1: Vapor Concentrations at Compliance Locations following On-Site SSVE System Installation

Structure	Pre-SSVE Installation (Baseline) Concentration (µg/m³) May 25, 2022	Compliance Sample Results (µg/m³) September 26, 2023
SAMH-1231	1,200 (VC) / 29 (TCE)	<0.23 (VC) / <0.44 (TCE)
SL-2	58 (VC) / 2.8 (TCE)	<0.23 (VC) / <0.44 (TCE)
SL-3	960 (VC) / 25 (TCE)	<0.23 (VC) / <0.44 (TCE)

Notes:

µg/m³ = micrograms per cubic meter
TCE = trichloroethylene
VC = vinyl chloride
< = Denotes not detected above method detection limit

To minimize downtime from generator servicing, the SSVE system was hardwired to the LTP electrical service in September 2023. During the transition process, the SSVE system was offline for 4 hours on September 8, 2023. The SSVE system is now (and going forward) being operated by this permanent power source.

In closing, information provided in this memo satisfies EGLE’s request in the June 23, 2022 and June 8, 2023 EGLE letters. Ford is committed to completing the activities outlined in the Utility Corridor SSVE ResAP IRA. Monthly field activities and data associated with the SSVE system will continue to be provided to EGLE in subsequent memos.

Enc.

- Table 1. Compliance Sampling Results
- Figure 1. Utility Corridor Response Activities

Table 1

Compliance Sampling Results

Table 1
Compliance Sampling Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location:	EGLE	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231
Sample Name:	Residential	SSVE-MH-1231_052522	SSVE-MH-1231_052622	SSVE-MH-1231_053122	SSVE-MH-1231_060822	SSVE-MH-1231_061022	SSVE-MH-1231_061522	SSVE-MH-1231_062322
Sample Date:	SSVIAC	5/25/2022	5/26/2022	5/31/2022	6/8/2022	6/10/2022	6/15/2022	6/23/2022
Sample Time:	24-Hour	10:58	14:51	12:24	14:47	12:22	12:21	11:07
Sample Type:	Exposure	Summa	Summa	Summa	Summa*	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	9.3	<0.60	<0.60	<5.4	<0.60	<0.60	<0.60
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<5.8	<0.60	<0.60	<0.60
cis-1,2-Dichloroethylene	8.3	870	1.1	2.2	<5.5	<0.58	7.6	8.0
Tetrachloroethylene	41	3.2	<1.0	<1.0	<8.7	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene	83	14	<0.62	<0.62	<4.7	<0.62	<0.62	<0.62
Trichloroethylene	2.0	29	<0.72	<0.72	<9.4	<0.72	<0.72	<0.72
Vinyl chloride	1.6	1,200	0.87	1.8	<6.7	<0.46	<0.46	7.7

Location:	EGLE	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231
Sample Name:	Residential	SSVE-MH-1231_063022	SSVE-MH-1231_070722	SSVE-MH-1231_071422	SSVE-MH-1231_071822	SSVE-MH-1231_072722	SSVE-MH-1231_080422	SSVE-MH-1231_081122
Sample Date:	SSVIAC	6/30/2022	7/7/2022	7/14/2022	7/18/2022	7/27/2022	8/4/2022	8/11/2022
Sample Time:	24-Hour	9:34	9:43	8:08	11:21	11:01	10:48	10:16
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.60	<0.60	<0.60	<0.6	<0.6	<0.6
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<0.60	<0.6	<0.6	<0.6
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	<0.58	<0.58	87 J	3.1	<0.58
Tetrachloroethylene	41	<1.0	<1.0	<1.0	<1.0	<1.0	1.1 J	<1.0
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62	1.3	<0.62	<0.62
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72	2.1	<0.72	<0.72
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46	41	3.3	<0.46

Location:	EGLE	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231
Sample Name:	Residential	SSVE-MH-1231_081822	SSVE-MH-1231_082522	SSVE-MH-1231_090122	SSVE-MH-1231_090822	SSVE-MH-1231_100322	SSVE-MH-1231_110422	MH-1231_111522
Sample Date:	SSVIAC	8/18/2022	8/25/2022	9/1/2022	9/8/2022	10/3/2022	11/4/2022	11/15/2022
Sample Time:	24-Hour	13:36	10:21	12:21	11:51	12:46	13:03	9:40
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.60 [<0.60]
1,4-Dioxane	5.1	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.60 [<0.60]
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	<0.58	<0.58	<0.58	7.1	1.5 [1.7]
Tetrachloroethylene	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62 [0.92]
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72 [<0.72]
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46	<0.46	3.6	<0.46 [<0.46]

Table 1
Compliance Sampling Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location:	EGLE	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231	SAMH-1231
Sample Name:	Residential	MH1231-121522	MH-1231-011023	MH-1231-020723	MH-1231-030123	MH-1231-041123	MH-1231-050923	MH-1231-061523
Sample Date:	SSVIAC	12/15/2022	1/10/2023	2/7/2023	3/1/2023	4/11/2023	5/9/2023	6/15/2023
Sample Time:	24-Hour	11:41	11:06	11:08	10:21	10:12	11:16	11:59
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60
1,4-Dioxane	5.1	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60 [<0.60]	<0.60
cis-1,2-Dichloroethylene	8.3	11 [10]	<0.58 [<0.58]	1.5 [0.68 J]	<0.58 [<0.58]	<0.58 [<0.58]	<0.58 [<0.58]	<0.58
Tetrachloroethylene	41	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0
trans-1,2-Dichloroethylene	83	<0.62 [<0.62]	<0.62 [<0.62]	<0.62 [<0.62]	<0.62 [<0.62]	0.70 J [<0.62]	<0.62 [<0.62]	<0.62
Trichloroethylene	2.0	1.0 J [1.3]	<0.72 [<0.72]	<0.72 [<0.72]	<0.72 [<0.72]	<0.72 [<0.72]	<0.72 [<0.72]	<0.72
Vinyl chloride	1.6	4.6 [6.3]	<0.46 [<0.46]	0.97 [<0.46]	<0.46 [<0.46]	<0.46 [<0.46]	<0.46 [<0.46]	<0.46

Location:	EGLE	SAMH-1231	SAMH-1231	SAMH-1231	SL-2	SL-2	SL-2	SL-2
Sample Name:	Residential	MH-1231-071323	MH-1231-081123	MH-1231-092123	SSVE-SL-2_052522	SSVE-SL-2_052622	SSVE-SL-2_053122	SSVE-SL-2_060822
Sample Date:	SSVIAC	7/13/2023	8/11/2023	9/21/2023	5/25/2022	5/26/2022	5/31/2022	6/8/2022
Sample Time:	24-Hour	9:59	12:35	8:04	11:34	15:36	11:38	15:35
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa*

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.23 [<0.23]	<0.23 [<0.23]	<0.60	<0.60	<0.60	<5.7
1,4-Dioxane	5.1	<0.60	<3.5 [<3.5]	<3.5 [<3.5]	<0.60	<0.60	<0.60	<6.0
cis-1,2-Dichloroethylene	8.3	3.7	3.1 [1.2]	0.70 J [<0.24]	57	<0.58	6.3	19
Tetrachloroethylene	41	1.2 J	<0.51 [<0.51]	<0.51 [<0.51]	14	<1.0	1.2 J	<9.1
trans-1,2-Dichloroethylene	83	<0.62	<0.26 [<0.26]	0.48 J [0.49 J]	<0.62	<0.62	<0.62	<4.9
Trichloroethylene	2.0	<0.72	<0.44 [<0.44]	<0.44 [<0.44]	2.8	<0.72	<0.72	<9.7
Vinyl chloride	1.6	1.9	2.0 [0.98]	<0.23 [<0.23]	58	<0.46	6.5	<7.0

Location:	EGLE	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2
Sample Name:	Residential	SSVE-SL-2_061022	SSVE-SL-2_061522	SSVE-SL-2_062322	SSVE-SL-2_063022	SSVE-SL-2_070722	SSVE-SL-2_071422	SSVE-SL-2_071822
Sample Date:	SSVIAC	6/10/2022	6/15/2022	6/23/2022	6/30/2022	7/7/2022	7/14/2022	7/18/2022
Sample Time:	24-Hour	14:15	13:22	10:36	9:04	9:14	12:54	10:21
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	0.63 J	<0.58	<0.58	<0.58	2.6
Tetrachloroethylene	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2 J
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	1.7
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	0.80 J
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	0.59

Table 1
Compliance Sampling Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan



Location:	EGLE	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2
Sample Name:	Residential	SSVE-SL-2_072722	SSVE-SL-2_080422	SSVE-SL-2_081122	SSVE-SL-2_081822	SSVE-SL-2_082522	SSVE-SL-2_090122	SSVE-SL-2_090822
Sample Date:	SSVIAC	7/27/2022	8/4/2022	8/11/2022	8/18/2022	8/25/2022	9/1/2022	9/8/2022
Sample Time:	24-Hour	11:37	12:44	10:53	14:04	14:11	13:36	10:08
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Tetrachloroethylene	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46

Location:	EGLE	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2
Sample Name:	Residential	SSVE-SL-2_100322	SSVE-SL-2_110422	SL-2-111522	SL-2-121522	SL-2-011023	SL-2-020723	SL-2-030123
Sample Date:	SSVIAC	10/3/2022	11/4/2022	11/15/2022	12/15/2022	1/10/2023	2/7/2023	3/1/2023
Sample Time:	24-Hour	13:01	13:13	9:52	11:32	10:46	10:57	10:06
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
cis-1,2-Dichloroethylene	8.3	0.67 J	<0.58	<0.58	<0.58	0.73 J	<0.58	<0.58
Tetrachloroethylene	41	<1.0	<1.0	<1.0	<1.0	1.2 J	<1.0	<1.0
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46

Location:	EGLE	SL-2	SL-2	SL-2	SL-2	SL-2	SL-2	SL-3
Sample Name:	Residential	SL-2-041123	SL-2-050923	SL-2-061523	SL-02-071323	SL-2-081123	SL-2-092123	SL-3_052522
Sample Date:	SSVIAC	4/11/2023	5/9/2023	6/15/2023	7/13/2023	8/11/2023	9/21/2023	5/25/2022
Sample Time:	24-Hour	10:01	10:56	11:50	10:57	12:19	8:44	11:36
Sample Type:	Exposure	Summa	Summa	Summa	Summa	Summa	Summa	Summa

Volatile Organic Compounds (VOCs)

1,1-Dichloroethylene	210	<0.60	<0.60	<0.60	<0.60 [<0.60]	<0.23	<0.23	6.5
1,4-Dioxane	5.1	<0.60	<0.60	<0.60	<0.60 [<0.60]	<3.5	<3.5	<0.60
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	<0.58	<0.58 [<0.58]	<0.24	<0.24	520
Tetrachloroethylene	41	<1.0	<1.0	<1.0	1.8 [1.3 J]	<0.51	<0.51	19
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.62	<0.62 [<0.62]	<0.26	<0.26	8.4
Trichloroethylene	2.0	<0.72	<0.72	<0.72	<0.72 [<0.72]	<0.44	<0.44	25
Vinyl chloride	1.6	<0.46	<0.46	<0.46	<0.46 [<0.46]	<0.23	<0.23	960

Table 1
Compliance Sampling Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:	EGLE	SL-3	SL-3	SL-3	SL-3
Sample Name:	Residential	SL-3-061523	SL-03-071323	SL-3-081123	SL-3-092123
Sample Date:	SSVIAC	6/15/2023	7/13/2023	8/11/2023	9/21/2023
Sample Time:	24-Hour	11:40	11:11	12:06	7:46
Sample Type:	Exposure	Summa	Summa	Summa	Summa
Volatile Organic Compounds (VOCs)					
1,1-Dichloroethylene	210	<0.60	<0.60	<0.23	<0.23
1,4-Dioxane	5.1	<0.60	<0.60	<3.5	<3.5
cis-1,2-Dichloroethylene	8.3	<0.58	<0.58	<0.24	<0.24
Tetrachloroethylene	41	<1.0	<1.0	<0.51	1.0 J
trans-1,2-Dichloroethylene	83	<0.62	<0.62	<0.26	<0.26
Trichloroethylene	2.0	<0.72	<0.72	<0.44	<0.44
Vinyl chloride	1.6	<0.46	<0.46	<0.23	<0.23

Notes:

All results reported in $\mu\text{g}/\text{m}^3$.

Result exceeds the EGLE site-specific volatilization to indoor air criteria (SSVIAC) to evaluate vapor migration in preferential pathways developed for residential 24-hour exposure.

- < Denotes not detected above method detection limit.
- * Method detection limits were elevated for this sample.
- [] Indicates duplicate sample

Sample Type:

Summa Indicates results are from lab analyzed summa canister.

Abbreviations:

- $\mu\text{g}/\text{m}^3$ micrograms per cubic meter
- EGLE Michigan Department of Environment, Great Lakes, and Energy
- J estimated result
- MH manhole
- SAMH sanitary manhole
- SSVE sanitary sewer vapor extraction system
- SL sample location

Analytical Methods:

United States Environmental Protection Agency (USEPA) Method TO-15

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

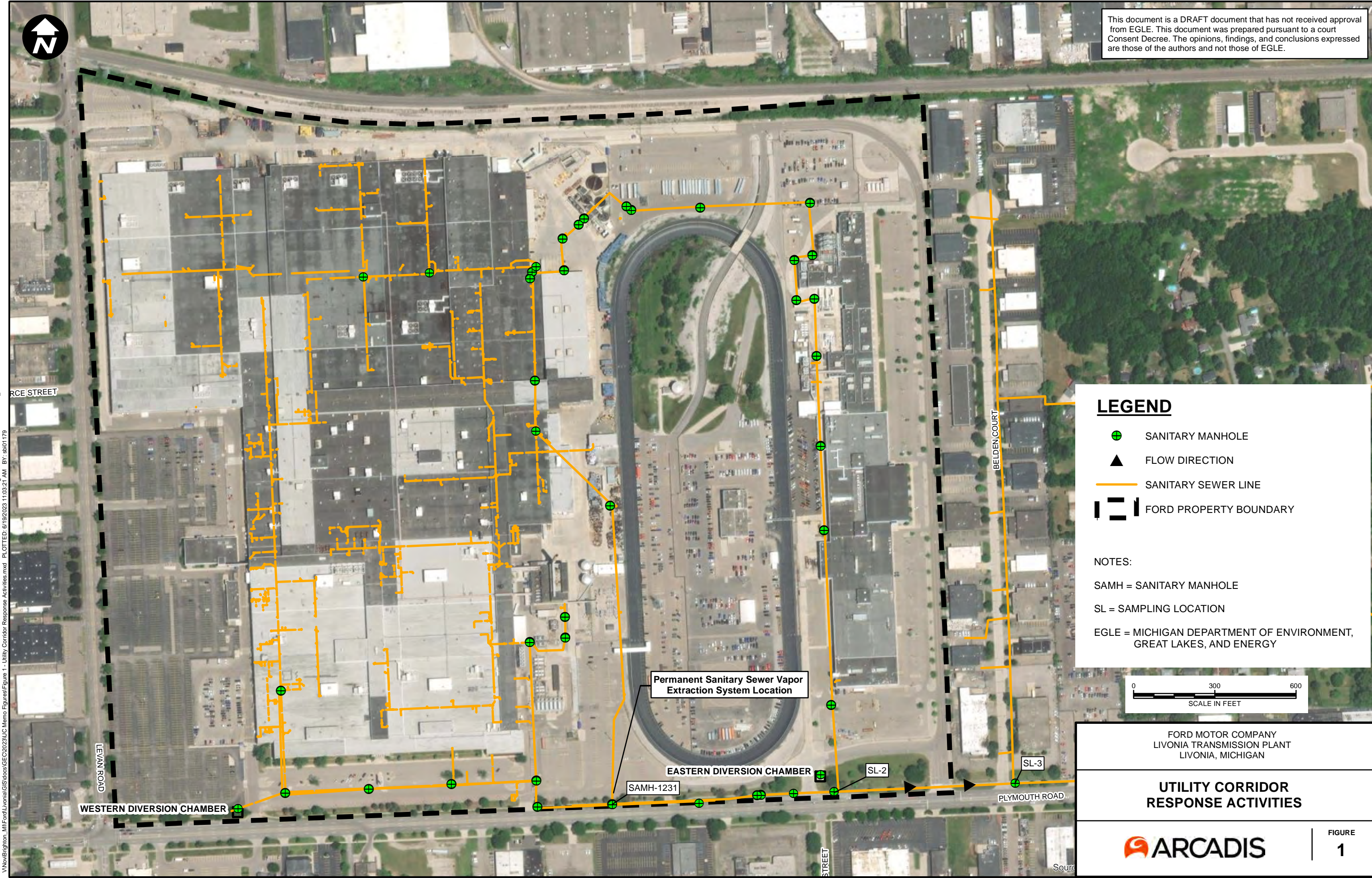
Figure 1

Utility Corridor Response Activities

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.



CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30167538 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Int T1. LEN V:\Novi\Brighton_MilFor\Lioma\GIS\Docs\GEC02023\UC Memo Figures\Figure 1 - Utility Corridor Response Activities.mxd PLOTTED: 6/19/2023 11:03:21 AM BY: ab01179



LEGEND

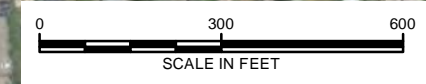
- SANITARY MANHOLE
- FLOW DIRECTION
- SANITARY SEWER LINE
- FORD PROPERTY BOUNDARY

NOTES:

SAMH = SANITARY MANHOLE

SL = SAMPLING LOCATION

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY



FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**UTILITY CORRIDOR
RESPONSE ACTIVITIES**

FIGURE
1

WESTERN DIVERSION CHAMBER

SAMH-1231

Permanent Sanitary Sewer Vapor
Extraction System Location

EASTERN DIVERSION CHAMBER

SL-2

SL-3

PLYMOUTH ROAD

LEVAN ROAD

BELDEN COURT

STREET

Source