Memo



SUBJECT

Utility Corridor Assessment – Notification of Response Activities and Update Memo 36200 Plymouth Road, Livonia, Wayne County Consent Decree No 2:1712372-GAD-RSW (CJ)

Site ID No.: 82002970

DATE

July 31, 2023

COPIES TO

Mr. Todd Walton, Ford Mr. Chuck Pinter, Ford

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Mr. Mike Neller, EGLE
Ms. Jeanne Schlaufman, EGLE

OUR REF 30144174

NAME

Kris Hinskey - Arcadis of Michigan, LLC

On behalf of Ford Motor Company (Ford), this memorandum (memo) has been prepared by Arcadis of Michigan, LLC (Arcadis) for the Livonia Transmission Plant (LTP) site (the site). This memo satisfies the request in the June 8, 2023 letter from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) which states Ford shall notify EGLE when response activities will be implemented. Below details the current status of the response activities.

Stark Road

As of July 17, 2023, two rounds of monthly vapor samples have been collected from sanitary sewer sample locations on Stark Road. Per the EGLE letter dated June 8, 2023, response activities are to be undertaken along Stark Road in the event that analytical results from two consecutive rounds of monthly vapor samples exceed the residential site-specific volatilization to indoor air criteria (SSVIAC) at any manhole location along Stark Road. Analytical results from the vapor samples collected along Stark Road are provided on **Figure 1**. These results indicate two consecutive rounds of vapor sampling with exceedances of the residential SSVIAC at multiple manhole locations. The section below details response activities for Stark Road.

Response Activity Schedule for Stark Road

- July 21, 2023 35 access agreements were sent to residents along Stark Road who have not already
 granted access to the residential structure or have not already had a plumbing inspection completed. As
 of July 24, 2023, no access agreements have been received from the July 21, 2023 mailing.
- Cleaning and Lateral Identification
 - August 1, 2023 Cleaning and lateral identification along the Stark Road sanitary sewer from sanitary sewer sample locations SL-4 to SL-8
 - August 2, 2023 Cleaning and lateral identification along the Stark Road sanitary sewer from sanitary sewer sample locations SL-8 to SL-29
 - August 3, 2023 Cleaning and lateral identification along the Stark Road sanitary sewer from sanitary sewer sample locations SL-29 to SL-12
 - August 4, 2023 Additional day for cleaning and lateral identification along the Stark Road sanitary sewer if needed.
- Week of August 21, 2023 Collect post cleaning vapor samples from Stark Road sanitary sewer sample locations SL-4, SL-8, SL-9, SL-10, SL-11, SL-12, SL-22, SL-23, SL-26, SL-27, and SL-29.

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Hathaway Avenue

On July 14, 2023 Arcadis on behalf of Ford submitted a *Utility Corridor Assessment – Notification of Response Activities* for Hathaway Avenue and Sanitary Sewer Vapor Extraction System Hardwire memorandum. Since the submittal of the memorandum the following response activities have taken place.

- July 7, 2023 33 access agreements were sent to residents along Hathaway Avenue who have not already granted access to the residential structure or have not already had a plumbing inspection completed. Attached is Figure 2 with current access agreement status.
- July 28, 2023 11 of 33 access agreements have been received, below details the status of each:
 - o Inspection complete no plumbing deficiencies identified and no further action:
 - 33569 Hathaway
 - 33550 Hathaway
 - 34101 Hathaway
 - Inspections were scheduled for this week, but due to the power loss on Hathaway, the plumbing inspections are currently being rescheduled:
 - 33421 Hathaway
 - 33501 Hathaway
 - 33601 Hathaway
 - 33635 Hathaway
 - 33934 Hathaway
 - Homeowner canceled inspection due to positive covid test and will reschedule following recovery and once power has been restored:
 - 34069 Hathaway
 - Homeowner canceled plumbing inspection and rescinded access:
 - 33636 Hathaway
 - Inspection complete, but additional follow up is required. The property owner is currently renovating the home and additional capping of sink and toilet connections will be needed.
 Currently the homeowners are on vacation and will reach out to Arcadis upon their return:
 - 33838 Hathaway

Week of July 17, 2023 – Arcadis oversaw the cleaning and lateral identification of approximately 2,650 linear feet of sanitary sewer on Hathaway Avenue between Stark and Farmington Road. From sanitary sewer location SL-32 to SL-34, refer to **Figure 3** for location, the liquid level in the pipe began to increase. The liquid level continued to increase downstream from sanitary sewer location SL-34 to SL-35A and lateral identification was unable to be determined between sanitary sewer sample location SL-34 through SL-35B due to the camera being submerged. Based on the video collected there appears to be a potential restriction in the Farmington Road sanitary sewer system downstream of sanitary sewer sample location SL-35B, in which the City of Livonia will need to determine the cause and remedy.

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Refer to the pictures below indicating the increased liquid level.



Normal Condition - Less then 10% full

Liquid Level Increased – 50% full by SL-34 and increased downstream

Arcadis contacted the City of Livonia on July 27, 2023 to discuss the increase liquid level in the Hathaway sanitary sewer to determine potential causes. Therefore, post-cleaning vapor samples for Hathaway Avenue will not be collected until the cause of the high liquid level between sanitary sewer location SL-34 through SL-35B can be determined.

Ford continues to work diligently and collaboratively with EGLE to address the response activities outlined in the June 8, 2023 and June 28, 2023 EGLE letters and is committed to completing the activities outlined in this memo.

Enclosures:

Figure 1 – Stark Road Vapor Sample Results

Figure 2 - Residential Access Agreements

Figure 3 – Hathaway Avenue Vapor Sample Results

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Figures





