



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
WARREN DISTRICT OFFICE

**EGLE**

LIESL EICHLER CLARK  
DIRECTOR

February 14, 2020

*Received  
2/27/2020  
TMW*

Mr. Todd Walton  
Ford Motor Company  
290 Town Center Drive, Suite 800  
Dearborn, Michigan 48126

Dear Mr. Walton:

**SUBJECT:** Monthly Updates on Offsite Mitigation Systems related to the  
Ford Transmission Plant  
36200 Plymouth Road, Livonia, Wayne County, Michigan, 48150  
EGLE Site ID Number: 82002970

The Department of Environment, Great Lakes, and Energy (EGLE), Remediation and Redevelopment Division has reviewed the monthly Memorandum (Memorandum) submitted by Arcadis on behalf of Ford Motor Company (Ford) dated January 31, 2020, regarding Preemptive Mitigation Systems for properties in the adjacent Alden Village Subdivision. EGLE staff reviewed this Memorandum and have the following comments and questions:

- **12141 Boston Post** - The property owners at 12141 Boston Post are reported to have not provided Ford adequate access for the necessary installation of performance metric points within the residence. A means to provide mitigation for this structure must be determined and results provided to EGLE for review. Progress needs to be made on this residence.
- **12091 Brewster** - The property owners at 12091 Brewster are reported to have not provided Ford access for the necessary installation of Retro-Coat™ in the detached garage. The January 2020 Arcadis memo indicates the homeowner is considering providing access for mitigation to detached garage with expected application in spring of 2020. If this is unsuccessful another solution will be required such as the option of installing a sub-slab depressurization system for the garage. Please update EGLE on progress in the next update.
- **34990 Beacon** - The property owner is reported to have denied Ford's proposal to install Retro-Coat™ in a detached garage wishing to instead opt for the use of a previously applied epoxy named PremierGarage®. Technical specifications for this product should be submitted to EGLE for review. In the meantime, a means to provide mitigation for this structure must be determined and results provided to EGLE for review.

- **34480 Capitol** – The installed data-logger collected data that Arcadis has described as erratic, beginning with the January 7, 2020, Operations, Monitoring and Maintenance (OM&M) event. The erratic pressure appears to occasionally cause a loss of negative pressure, rendering the system temporarily ineffective. Ford needs to investigate and determine the causes and implement a solution before the next update memo and ensure that a minimum negative pressure is maintained. Maintaining a negative pressure at a minimum of -0.005 inches wc allows for minor system fluctuations and allows for an adequate response time is necessary to ensure the mitigation system remains reliable and effective. The vacuum should be increased to allow for this.
- **12100 Boston Post** – Currently the system is not maintaining EGLE's guidance for vacuum performance metrics; however, Arcadis states vacuum is consistently maintained and provides a data log. This data log shows that the vacuum is typically higher than -0.005 inches wc which does not allow for minor system fluctuations or allow for adequate response times to ensure the mitigation system is reliable and effective. The vacuum should be increased to allow for this. Additionally, property owners are reported to have not provided the necessary access into a shed to install Retro-Coat™. It has been previously stated that the shed is unsafe and cannot be occupied, however, this may be a temporary condition and a means to provide mitigation for this structure must be determined with results provided to EGLE for review. Progress needs to be made on this residence.
- **12036 Brewster** - The residence has a data log that shows that the vacuum is typically higher than -0.005 inches wc which does not allow for minor system fluctuations or allow for adequate response times to ensure the mitigation system is reliable and effective. The vacuum should be increased to allow for this. Additionally, there were times when a positive pressure was recorded, the mitigation system should be evaluated and adjusted to correct this from occurring.
- **12121 Boston Post** – Ford is still pursuing access to this property through legal actions. Please update as progress is made.
- **34682 Beacon** – This residence has a data log that shows that the vacuum is typically higher than -0.005 inches wc which does not allow for minor system fluctuations or allow for adequate response times to ensure the mitigation system is reliable and effective. The vacuum should be increased to allow for this.
- **12067 Boston Post** – This residence has a data log that shows that the vacuum is typically higher than -0.005 inches wc which does not allow for minor system fluctuations or allow for adequate response times to ensure the mitigation system is reliable and effective. The vacuum should be increased to allow for this.

- **Remaining installations** – Ford is still required to complete installation of systems at 34380 Capitol, 34450 Capitol, and 34644 Beacon. Progress at these properties is shown in the report and it is EGLE's expectation this work is to be completed expeditiously.

If you have any questions please contact Ms. Beth Vens, Assistant District Supervisor, at [vensb@michigan.gov](mailto:vensb@michigan.gov), or at 586-753-3825; or Mr. Brandon Alger, Project Manager, at [algerb@michigan.gov](mailto:algerb@michigan.gov), or at 586-623-2839; or you may contact me.

Sincerely,



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Remediation and Redevelopment Division  
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cc: Senator Dayna Polehanki  
Representative Laurie Pohutsky  
Mr. Paul Bernier, City of Livonia  
Wayne County Health Department  
Ms. Alexandra Rafalski, DHHS  
Ms. Beth Vens, EGLE  
Mr. Brandon Alger, EGLE