

DATE

October 8, 2025

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Project File

TO

Evan McGuire, EGLE
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PROJECT NUMBER

30275629.03200

SUBJECT

2025 Industrial Avenue Sanitary Video Inspection Work Plan
RACER Trust, Buick City, Flint, Michigan

FROM

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Sanitary Sewer Investigation

As part of the ongoing Southend sanitary sewer PFAS investigation at RACER Buick City (**Figure 1**), an additional sewer video inspection along Industrial Avenue is recommended. The purpose of the video inspection is to verify contributions, flow directions and potential connections to the Hamilton Avenue sanitary sewer and other sewer lines. A preliminary review of the City of Flint's sewer video notes was completed in May 2025; however, additional clarification is necessary. A joint video review with camera operators did not provide the conclusive information needed for the evaluation of the sanitary sewer line; therefore, an additional sanitary sewer video inspection along Industrial Avenue is proposed. Additionally, the proposed video work will provide additional structural/pipe integrity information related to contributions to the western and eastern sanitary lines along Industrial Avenue and how this may relate to PFAS concentrations detected within the Industrial Avenue sanitary lines. A summary of PFAS data collected is provided as **Figure 2**.

Scope of Work

Sanitary sewer line jetting services will be subcontracted through Young's Environmental Cleanup, Inc. (Young's) for the East and West sanitary lines running north to south under Industrial Avenue from approximately 422 feet south of the Hamilton Avenue intersection to approximately 1,005 feet to the north, as shown on **Figure 2**. Line jetting will be completed prior to video inspection for the removal of sediment materials and obstructions to allow for easier pass through of the camera equipment and better line visualization. The intent is to complete line jetting within a day of the scheduled video inspection to avoid additional deposited material.

During the video inspection, subcontracted through Ground Penetrating Radar Systems (GPRS), information will be collected on sanitary line structures, including dimensions and construction material. The subcontractor (GPRS) will geolocate what is identified during the inspection for mapping. The West line video inspection locations will be from MH J-4 south to IW-6. The East line video inspection will be from MH IE-13 (or nearby structure if it is still unable to be located) south to IE-4. These locations are identified in **Figure 2**. Manhole locations MH IW-9, IW 8, and IE-5 will be further inspected to determine if or where the east and west lines cross and/or if there is a cross connection with Hamilton Avenue sanitary sewer lines. Additional video inspection locations will be determined in the field based on findings, which may include east or west along Hamilton. Locations at the intersection of Hamilton and Industrial Avenues (MH IW-8 and MH IE-5) will be attempted south

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to north in order to remain out of the intersection. In the event we are unable, additional traffic controls may be required to enter and video from north to south. During the video inspection the appropriate traffic controls will be used to complete the scope of work.

This scope of work will be utilized to verify structure conditions and areas of potential infiltration of PFAS into the sanitary sewer. The video inspection in conjunction with previous sampling data collected will assist in determining potential PFAS infiltration areas within the sanitary sewers along Industrial Avenue.

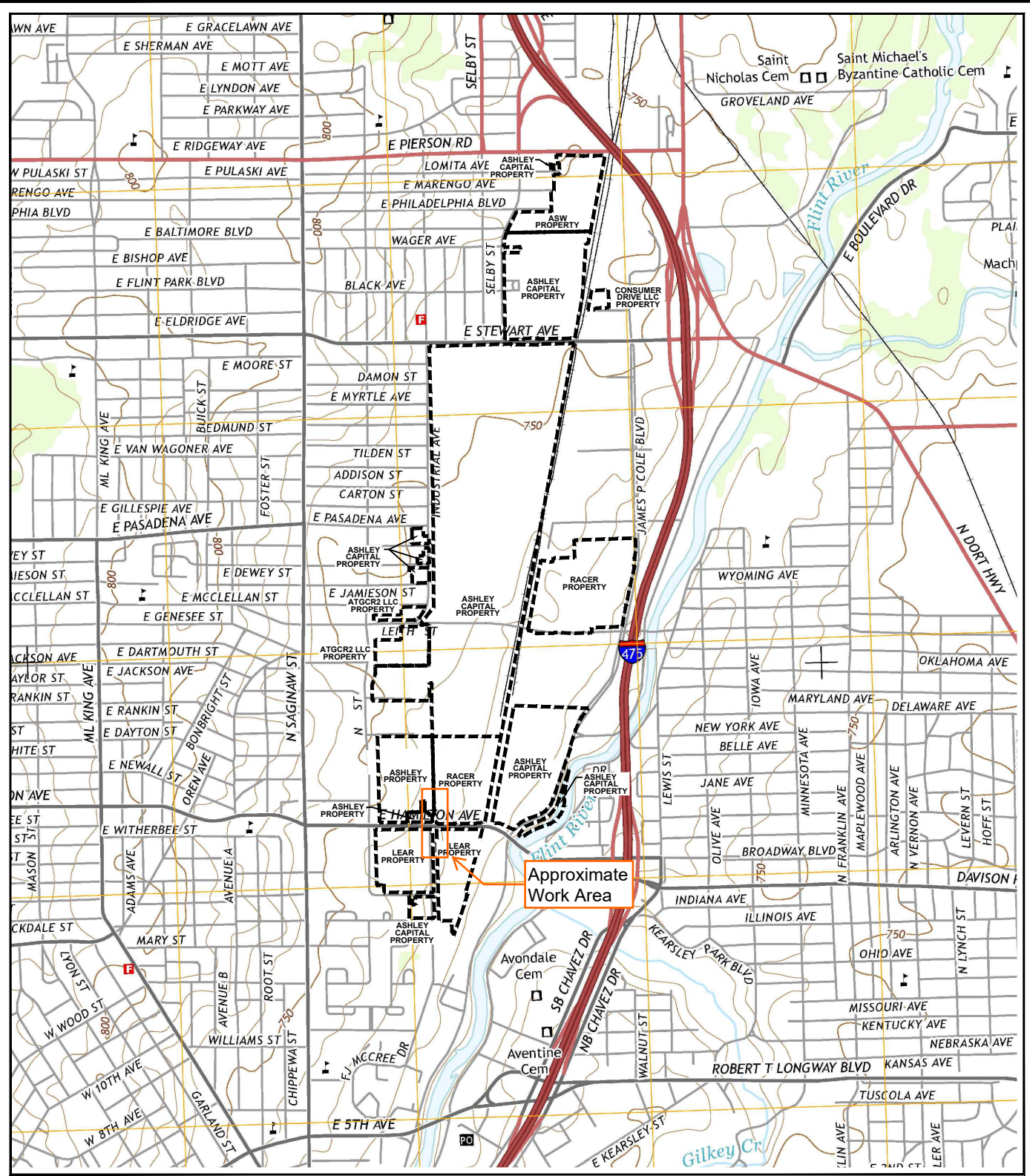
Please reach out to Tiffany Linder at [810.225.1928](tel:810.225.1928)/Tiffany.Linder@arcadis.com, Patrick Curry at [810.225.1926](tel:810.225.1926)/Patrick.Curry@arcadis.com; or Brendan Mullen at [201.247.4890](tel:201.247.4890)/bmullen@racertrust.org with questions.

Enc.

Figure 1 – Site Location

Figure 2 – Industrial Avenue Data Summary

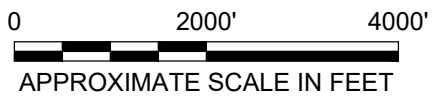
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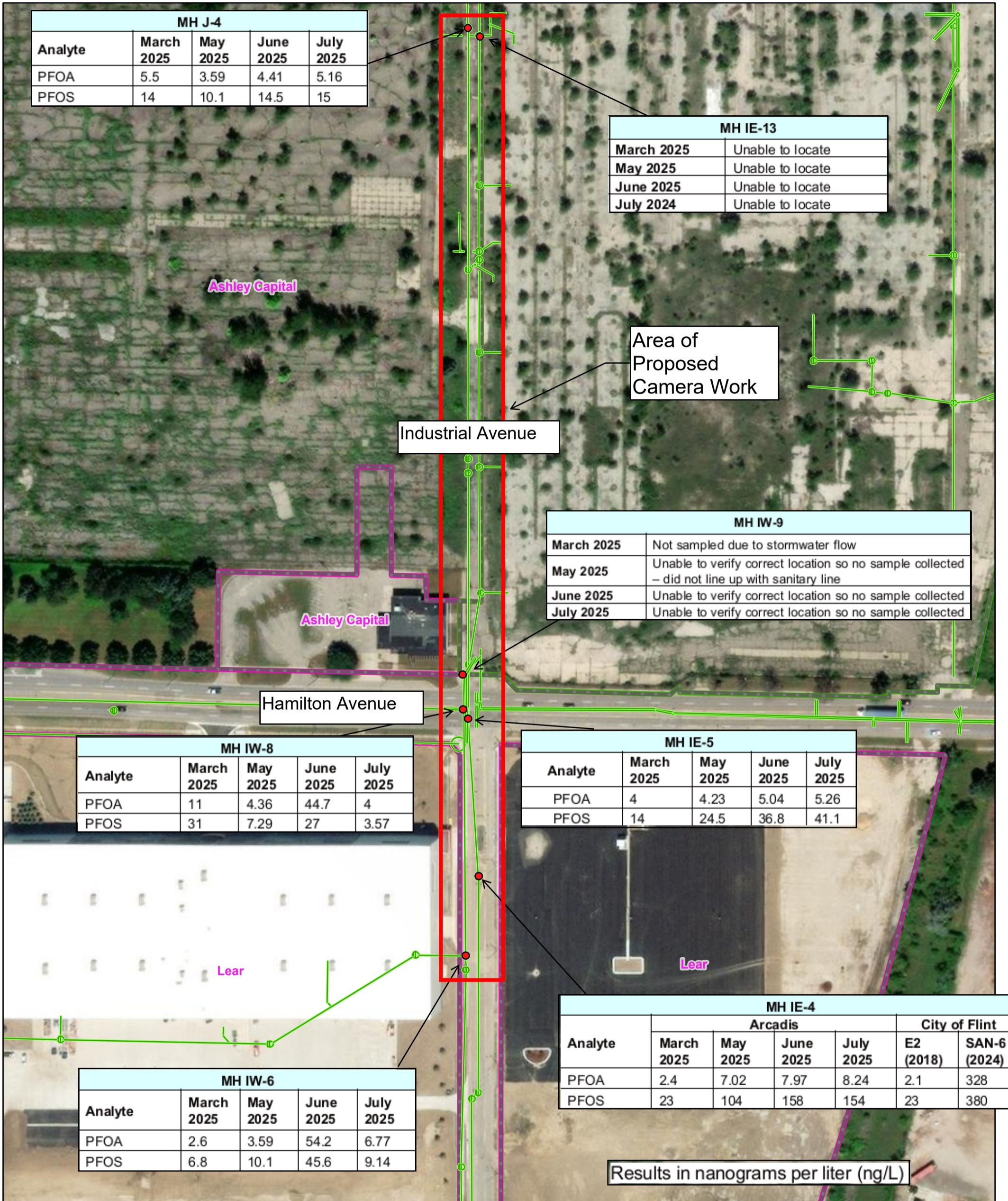
SOURCE: USGS 7.5 MIN., FLINT NORTH QUADRANGLE, FLINT NORTH 2014



AREA LOCATION
 MICHIGAN



RACER TRUST BUICK CITY FLINT, MICHIGAN	
SITE LOCATION MAP	
	FIGURE 1



10/8/2025, 11:10:22 AM

Utilities Line - Sanitary Sewer

- Sanitary Sewer
- Property Outlines
- Current Racer-owned Properties
- Former Racer-owned Properties

World Imagery

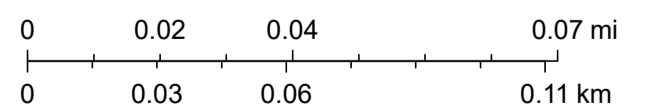
Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

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Maxar, Microsoft



Figure 2 - Industrial Avenue Data Summary and Proposed Sanitary Video Inspection Locations