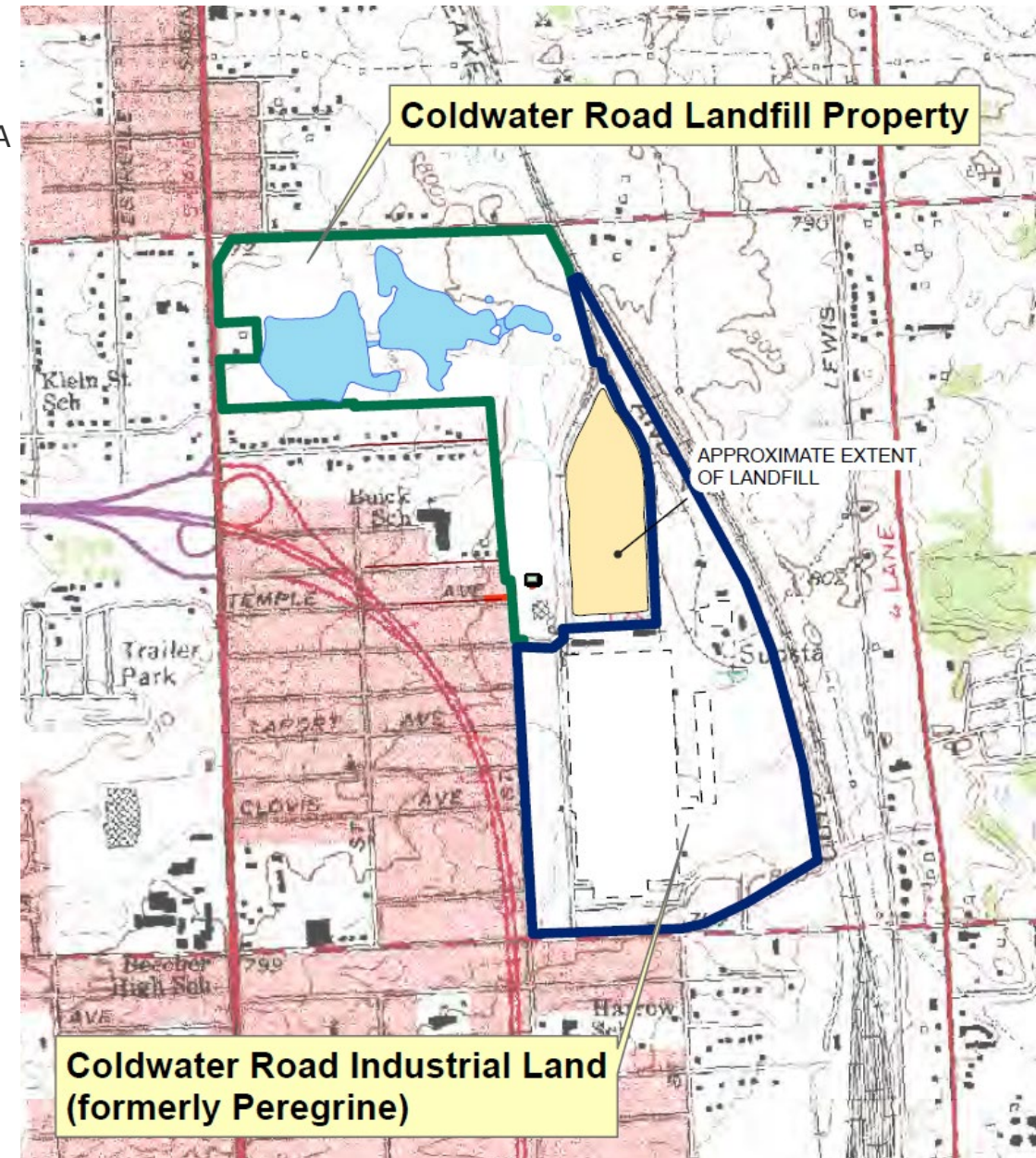


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RACER TRUST  
COLDWATER ROAD SITE  
PFAS ACTIVITY PROGRESS  
REPORT – November 7, 2023

# INTRODUCTION

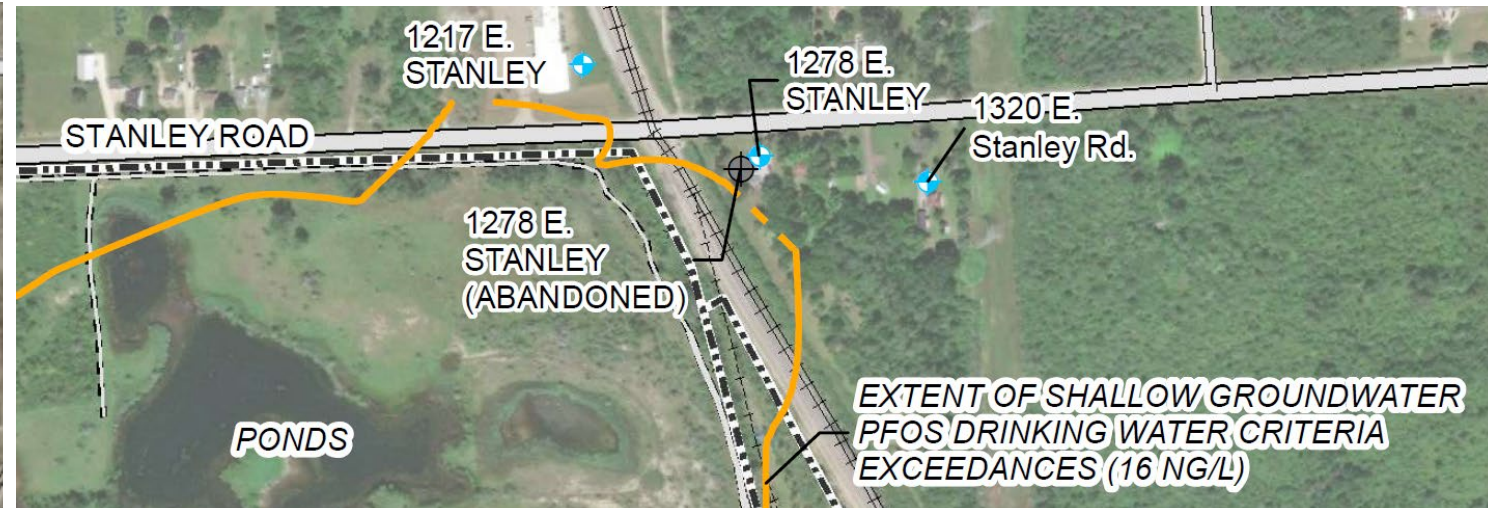
- ❑ Remediation at the RACER Coldwater Road Site is being performed through the RCRA Corrective Action program under the oversight of EGLE. Current activities include RCRA hazardous waste landfill operation and maintenance (O&M), assessment of potential off-site vapor intrusion, and per- and polyfluoroalkyl substances (PFAS) focused site characterization, interim actions, monitoring, and evaluations. In addition, activities are being completed to address EGLE's WRD Violation Notice dated May 4, 2022 that is related to PFAS.
- ❑ Characterization of PFAS in groundwater in glacial deposits to depths of approximately 100 feet below the ground surface is generally completed. Groundwater within the drift aquifer, which may be utilized for drinking water, generally meets drinking water standards. PFAS has been found primarily in shallow (<45 feet below ground surface) groundwater at the Site, except adjacent to the north-eastern portion of the Site where deeper impacts have been observed. PFAS in groundwater extends beyond a portion of the western and northern Site property boundaries.
- ❑ Interim actions for PFAS include replacement and treatment of one residential well, continued operation of the pre-treatment system for landfill discharges to the sanitary sewer, and efforts toward eliminating PFAS discharge offsite through storm and sanitary sewers. Discharges from the Western Pond to the storm sewer are now treated to remove PFOS in accordance with an NPDES Permit.
- ❑ Routine groundwater monitoring at the Site in the shallow (perched) zone and the drift aquifer is ongoing and is anticipated to continue. Monitoring of select residential wells, storm sewers, and sanitary sewers is anticipated at least for the next few years.



# PFAS INVESTIGATIONS/EVALUATIONS/CORRECTIVE MEASURES

## GROUNDWATER

- Samples were collected from private wells at 1278 E. Stanley Road, and 1320 E. Stanley Road on July 7, 2023. The July results from these wells were below the drinking water criteria, with the exception of the "raw" water from 1278 E. Stanley Road that had PFOS at a concentration of 51 ng/L. The results have been submitted to the residents and agencies.
- Samples were collected from private wells at 1217 E. Stanley Road, and 1278 E. Stanley Road, on October 4, 2024, and from the private well at 1320 E. Stanley Road on October 11, 2023. The results are pending.
- On October 24, 2023, and October 25, 2023, monitoring wells OBG MW-26 and OBG MW-27 were abandoned. OBG MW-26 was abandoned due to sand pack material within the well indicating a faulty well installation and OBG MW-27 was abandoned to avoid the potential of a bad seal. The monitoring wells were replaced during the same event using a 10" secondary outer casing for OBG MW-27R. These new wells will be sampled during the sampling event in November.
- The 2023 Annual PFAS Sampling Report was submitted on September 15, 2023.



# PFAS INVESTIGATIONS/EVALUATIONS/CORRECTIVE MEASURES

## STORM WATER – Pond Management

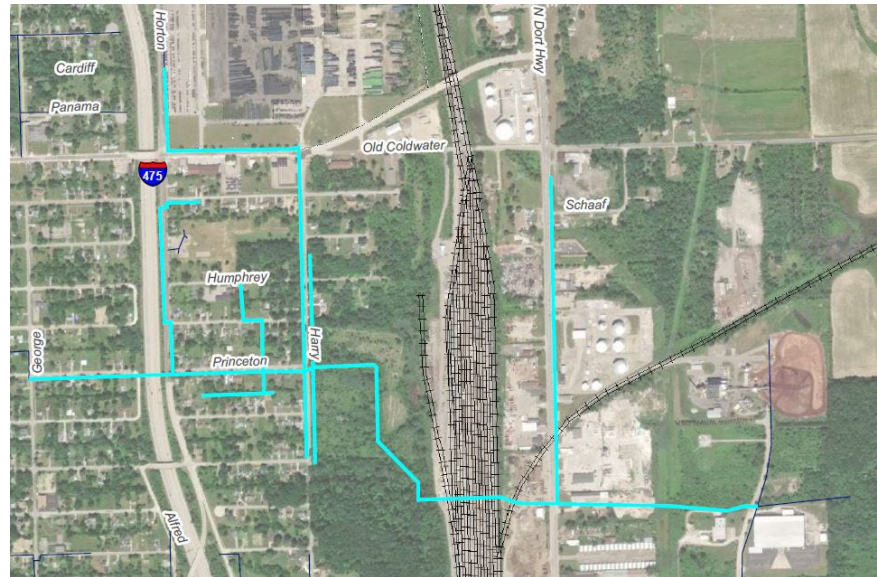
- A temporary PFAS treatment system was remobilized on October 6, 2023, and is anticipated to operate for approximately six weeks to treat the water from the Western Pond prior to discharge to the storm sewer system. Water from the Middle Pond is conveyed to the Western Pond by use of a siphon to lower the water level in the Middle Pond. Discharges are and will be completed in accordance with the NPDES Permit.
- Additional fencing was laid along the inside slope of the Middle Pond berm in August to provide additional protection against muskrat burrowing into the berm.



# PFAS INVESTIGATIONS/EVALUATIONS/CORRECTIVE MEASURES

## STORM WATER - Sewers

- Continued observation and evaluation of storm sewers south of the Site. Collected an additional round of storm water samples on August 7, 2023.
- A 4-inch clay tile underdrain beneath the southern entrance to the Site at the intersection of Coldwater Road and Harry Street was plugged on October 19, 2023. The discharge from the pipe contained 320 ppt PFOS. A total of 60 feet from the manhole was plugged with an expansion foam and the first foot from the manhole was capped with hydraulic shock concrete.
- An update to the South of Site Evaluation was submitted on September 11, 2023.

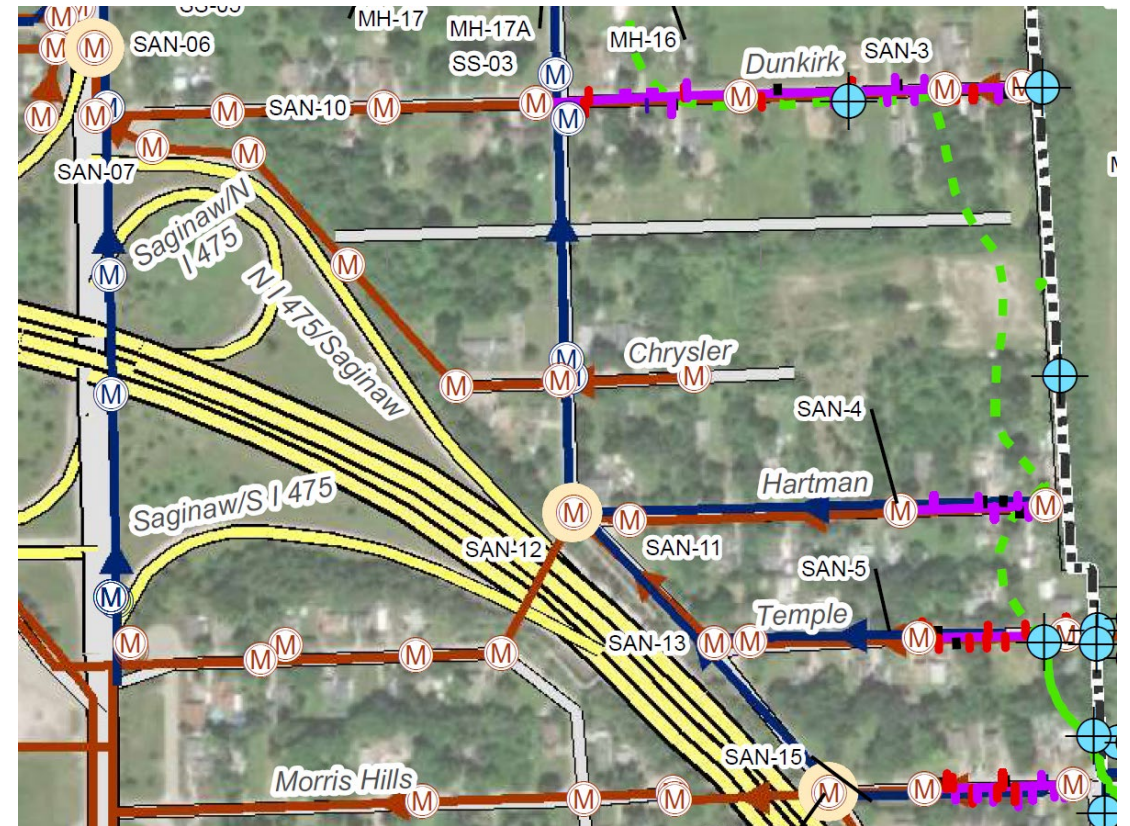
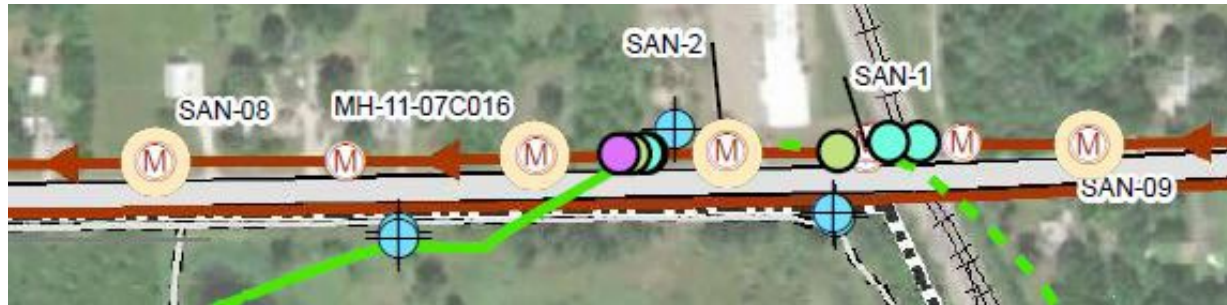




# PFAS INVESTIGATIONS/EVALUATIONS/CORRECTIVE MEASURES

## ❑ SANITARY SEWERS

- ❑ Submitted a Stanley Road Sanitary Sewer Update on September 13, 2023.
- ❑ Submitted a West of Site Sanitary Sewer Update on September 13, 2023.



# WORK IN PROGRESS AND NEAR-TERM MILESTONES ANTICIPATED IN THE NEXT SEVERAL MONTHS

Activity	Schedule
PFAS Monitoring:	
➤ Submit private well sample results	November
➤ Sample newly install replacement monitoring wells OBG MW-26R and OBG MW-27R	November
➤ Collect sanitary sewer samples along Stanley Road and west of Site	December
➤ Storm water inspections and sampling (SS-17A & SS-02), if flow is observed	December
➤ Residential well sampling (1278, & 1320 E. Stanley Road)	December
➤ Post lining storm water sampling along E. Klein Street and Saginaw Road	December
➤ Prepare and submit memo providing summary of Stanley Road sanitary sewer sampling results	February
➤ Prepare and submit memo providing summary of West of Site sanitary sewer sampling results	February
➤ Prepare and submit memo summarizing the storm water inspections and sampling completed	February
➤ Prepare and submit summary of sampling results south of Site and include recommendations for any additional work	February
➤ Surface water levels (Western & Middle Ponds)	Recorded Daily
PFAS Corrective Measures:	
➤ Operate temporary treatment system for discharge from Western/Middle Ponds	October through November