

# Statler Street Sump Pump

St. Clair Shores, MI

Sector Detroit

# Notification

- 20 Feb 2019 - Sector Detroit received discharge notification



# Residential Construction

- Congested waterfront property
- Common for the area





# Response

- PRs discovered oil in basement sump
- Suspected oil in ground water
- Opened OSLTF
  - T&T Salvage and Marine
  - Installed additional pump
  - Pumped Oil/Water to Frac Tank



# Initial Response Actions

- Pump from sump through basement window into Frac tank





# Response Actions cont.



# Investigation

- MI EGLE, EPA, CGIS and Sector Detroit partnered to investigate
  - No historic indicators of commercial use
  - Discovery of Underground Storage Tank
    - MI EGLE conducted GPR
    - Determined tank to be approx 20'x5' ( approx 3000 gals)
    - Pumped 1500 gals from tank
  - Oil Sample analysis conducted by USCG MSL
    - Matched UST to Sump



# UST Location





# Mitigation

- Homeowner facilitated removal of UST
- PRFA issued to MI EGLE
  - Contaminant removal from soil





# Mitigation cont.

- Filtration of water
  - Eliminate disposal of large amounts of water
- MI EGLE to oversee sampling standards
  - Filtered to state drinking water standards





# Participating Agencies

- Environmental Protection Agency
- MI Environment, Great Lakes, and Energy
- NOAA Scientific Support Coordinator
- USCG Sector Detroit
- USCG D9 DRAT
- USCG D9 Legal
- USCG Investigative Service
- USCG Marine Safety Lab
- National Pollution Fund Center
- T&T Salvage and Marine

Questions?