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

Lake St. Clair

UST

Residence W/ Sump
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?