St. Clair Shores, MI

Sector Detroit

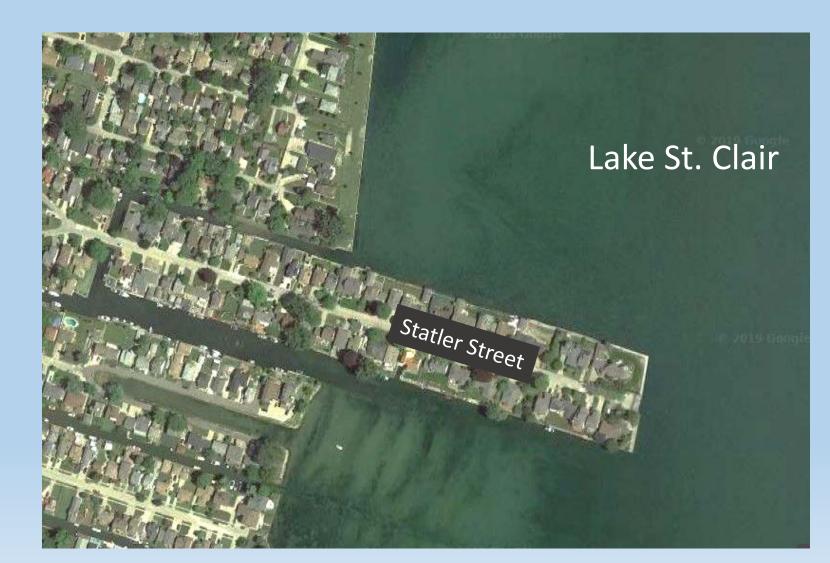
Notification

• 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' (appox 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?