



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

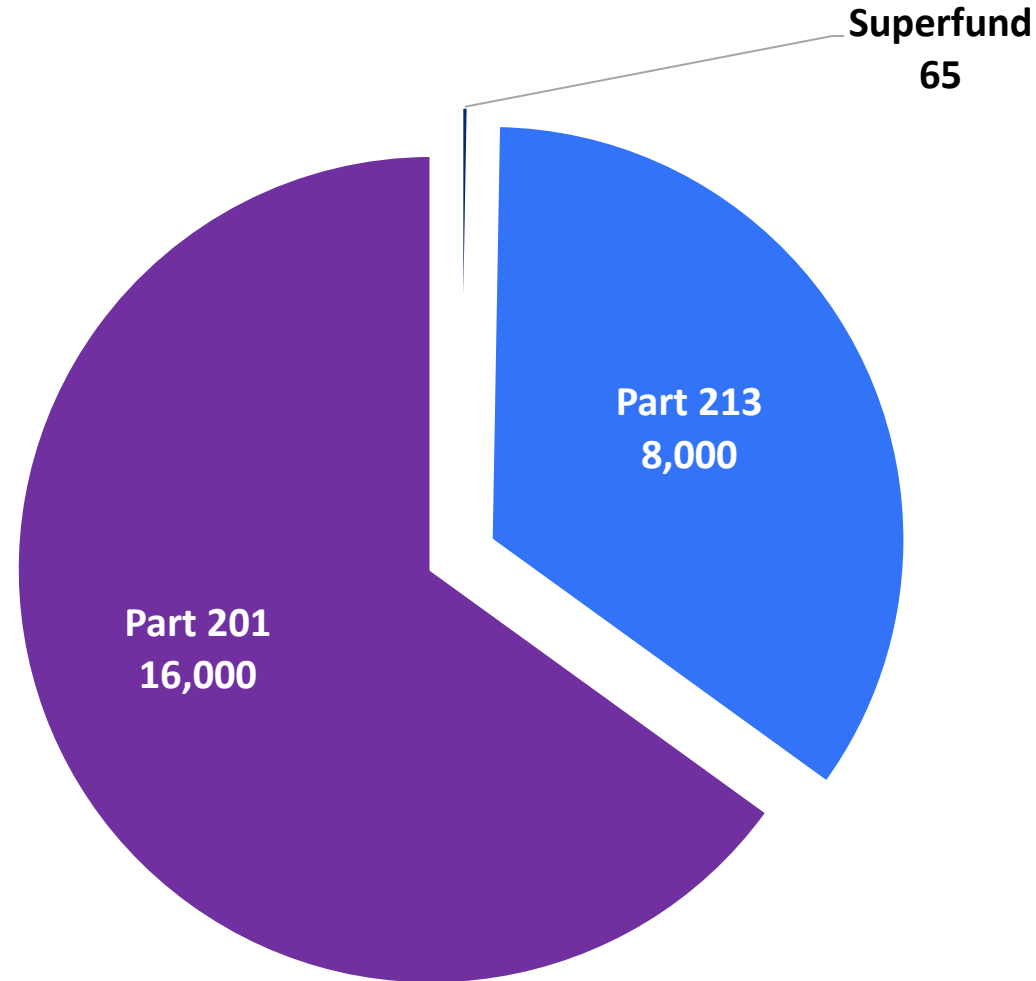
Remediation and Redevelopment Division

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Sites of Contamination



Reference : Natural Resources and Environmental Protection Act
Comprehensive Environmental Response, Compensation and Liability Act

Part 213 Leaking Underground Storage Tanks

- 8K+ open sites
- 54% of back log are 20+ years old and most of these are no longer active UST facilities.
- Obstacles
- We need to work with the regulated community.



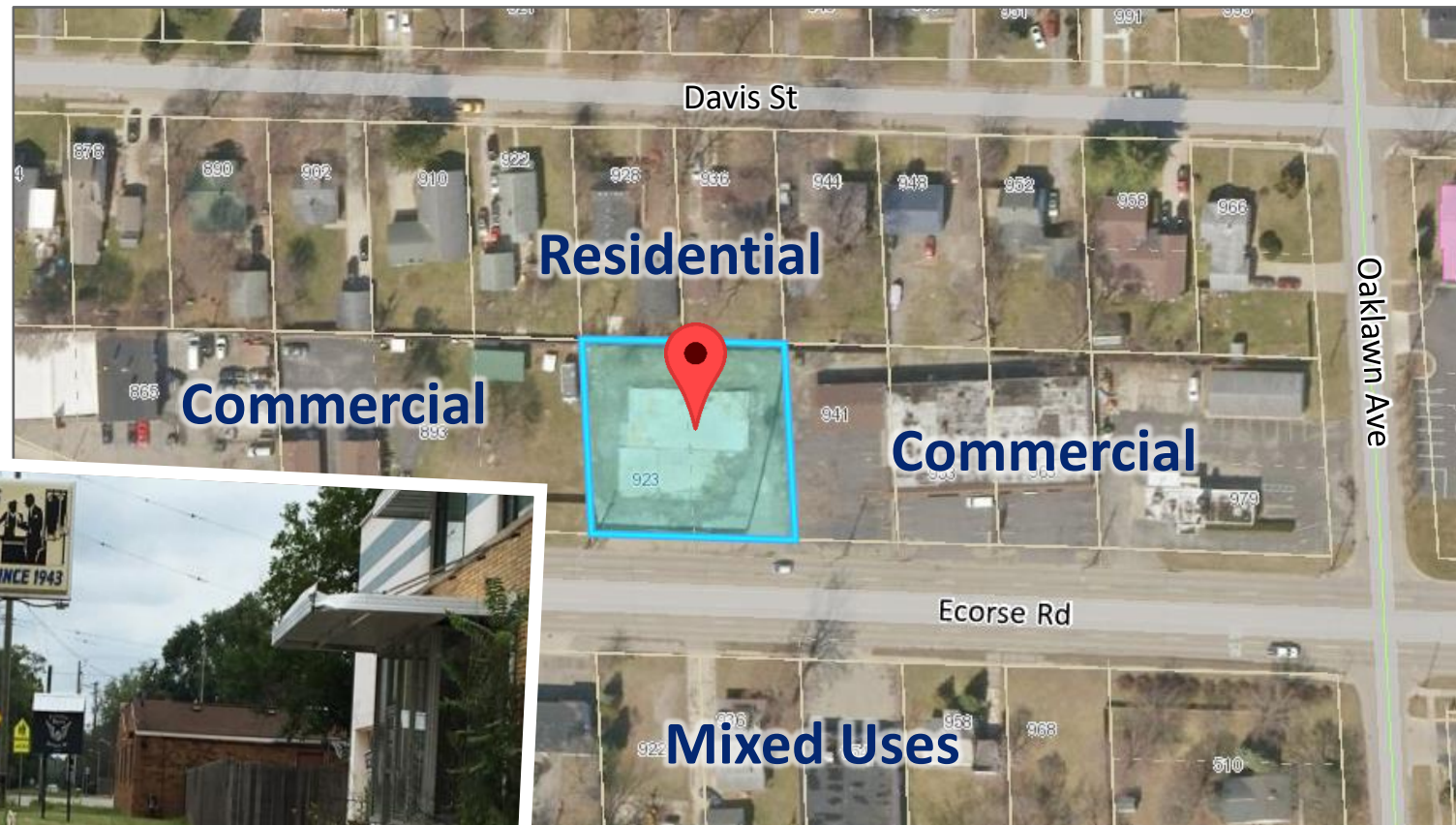
Part 201 Contaminated Sites Challenges

- Limited data for site assessments
 - Many unknowns
 - Data base management
- Self implementing program
- Cost



Former Forbes Dry Cleaners

923 Ecorse Rd, Ypsilanti Township, Washtenaw County



EGLE's Initial Response

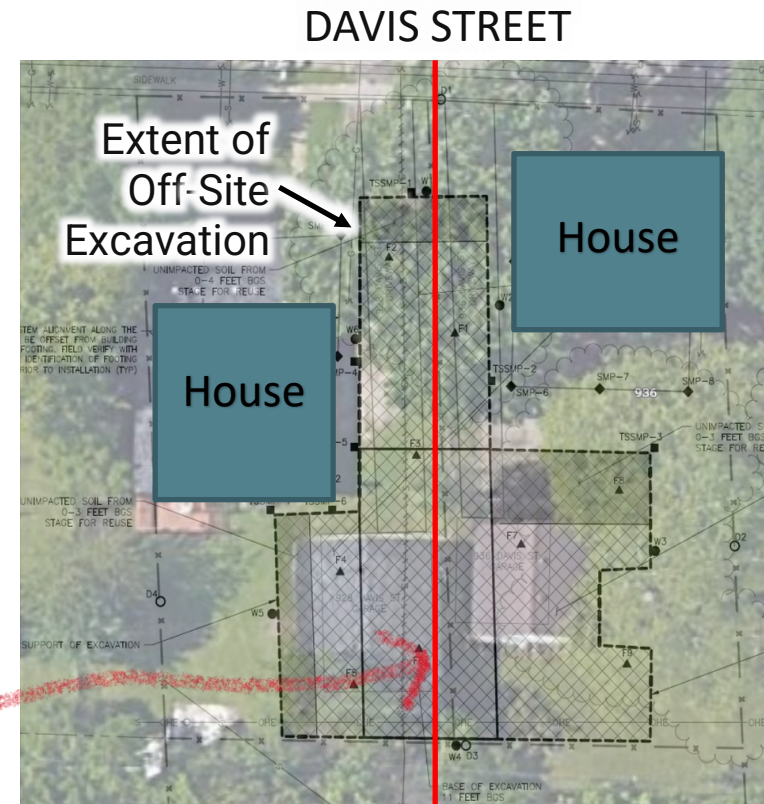
- Soil and groundwater sampling (2018)
- Building demolition and discovery of damaged sewer pipe (2019)
- Vapor sampling and installation of mitigation systems (2019-2020)
- Decision made to remove contaminated soil on the residential properties



Installing vapor mitigation systems



Damaged sewer pipe



DAVIS STREET

↓ FORBES PROPERTY ↓

Excavation at Residential Properties

November-December 2020
4,134 tons of contaminated soil removed



January 2021
Garages and driveways rebuilt

Spring 2021
Landscaping and
fencing installed



Removal of Source Contamination on the former Forbes Dry Cleaner property

December 2021 to June 2022



Removal of 10,800 tons of contaminated soil
(2,200 tons classified as Hazardous Waste)



Mixing absorbent material into
backfill to treat groundwater

Brownfield Redevelopment



- 2022 Metrics
 - \$26.4 million in incentives
 - 70 projects in 47 communities
 - ROI \$32 per \$1 invested

RRD GOALS

- Our people (30% turnover in last 18 months)
 - Clear guidance and Training
 - Staffing
 - Detroit Office (plus 6)
 - Technical Support Unit
 - New Part 213 program Specialist
- Technology
 - Transition to Paperless
 - Data base update and management
- Transparency to the regulated community