

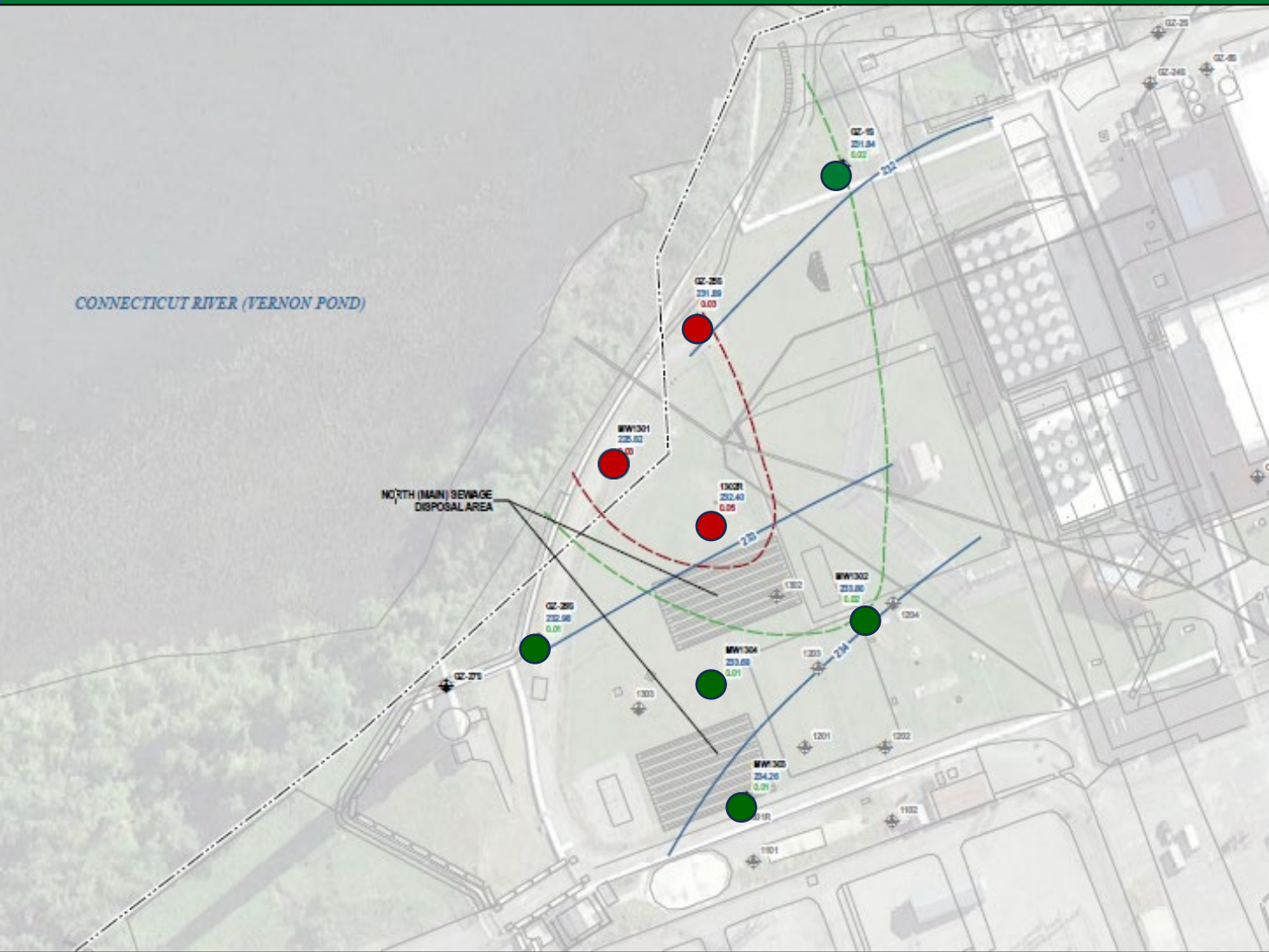
### DEC Role: Regulate Vermont Rules & Memorandum of Understanding

- Ongoing communication & coordination
- Oversight of non-radiological remediation:
  - Site Investigation
  - Corrective Actions
  - Post Demolition Surveys
  - Long Term Monitoring
- Permitting – with other DEC programs



- **Non-Radiological Investigation & Remediation**
  - Site Investigation – PFAS groundwater report (July 25) & investigation (Sept 24)
  - Post Demolition Survey Reports
    - AOC 11 Former warehouse & hazardous waste storage area (June 2024)
    - AOC 6 – Radioactive waste building - compactor room pad (July 2024)
  - Corrective Action Completion Reports
    - AOC 5 – Fuel-impacted soil at former Turbine Building (July 2024)
    - AOC 7a – Former fuel oil and waste oil storage tanks (July 2024)
- **DEC Permitting**
  - Drinking Water, Direct Discharge, Stormwater, River Alteration

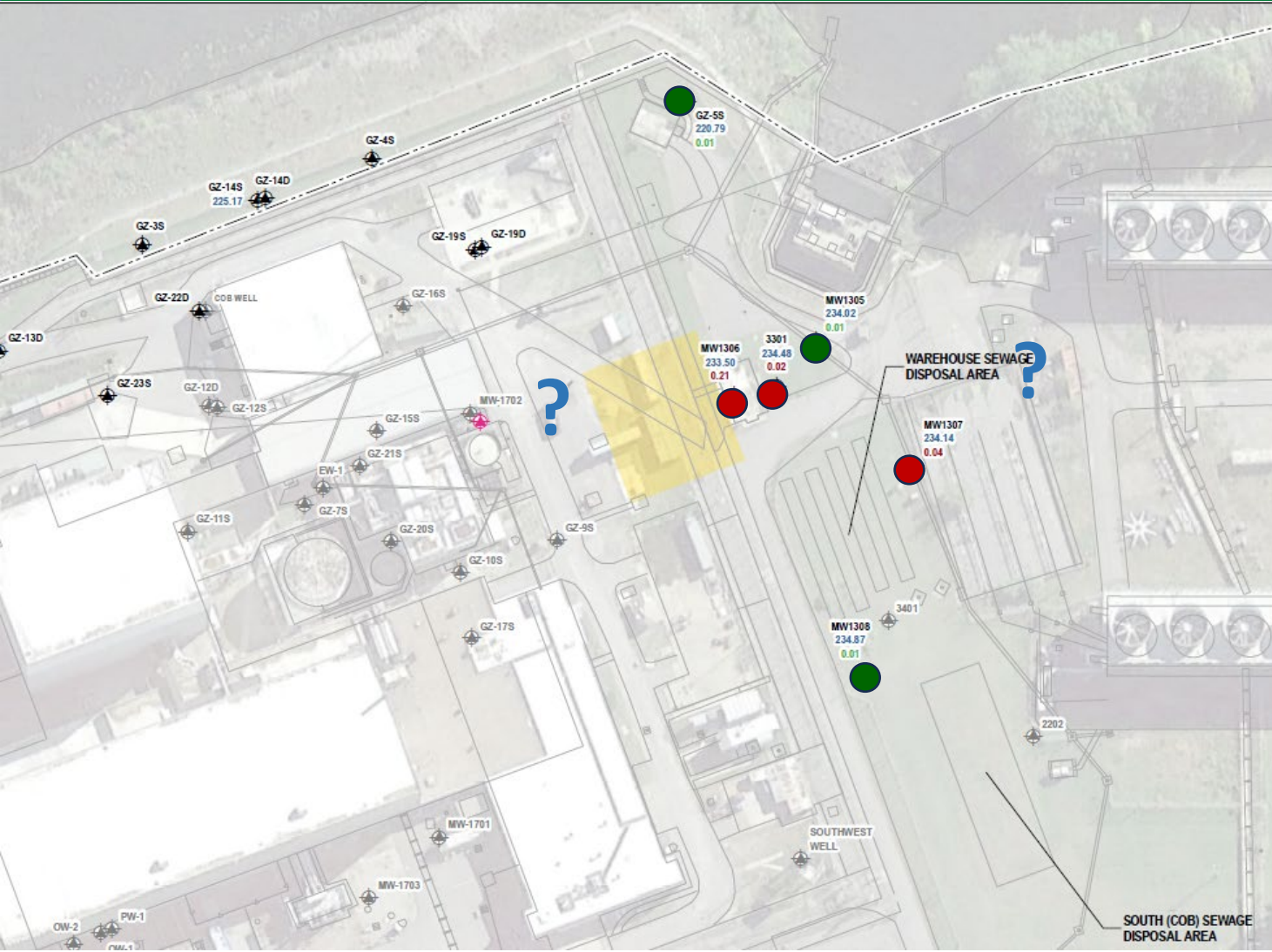
## PFAS in Groundwater Investigations – Main Leachfield



- Per- and polyfluoroalkyl substances (PFAS) “forever chemicals”
- Groundwater standard = 20 parts per trillion
- Measured up to 30 - 50 ppt
- Leachfield source: cleaning, degreasing, waxing/water proofing, electrical products.
- PFAS plume has been delineated
- Likely corrective actions: no drinking water wells and long-term monitoring



## PFAS in Groundwater Investigations – COB Leachfield



- Groundwater standard = 20 parts per trillion
- Measured up to 20 - 40 ppt
- Delineated to east & west
- Delineation required north & south
- Further investigation is ongoing (Sept 2024)



## AOC 11 “New” Warehouse Area (Reported June 2024)



- Conducted by H&A observed by Atlas Environmental
- No observed visual, olfactory, and PID evidence (8 locations)
- One sample analyzed for semi-volatile organic compounds
- Below VT residential standards





## AOC 6 Rad Waste Building - Compactor Room (Report July 2024)



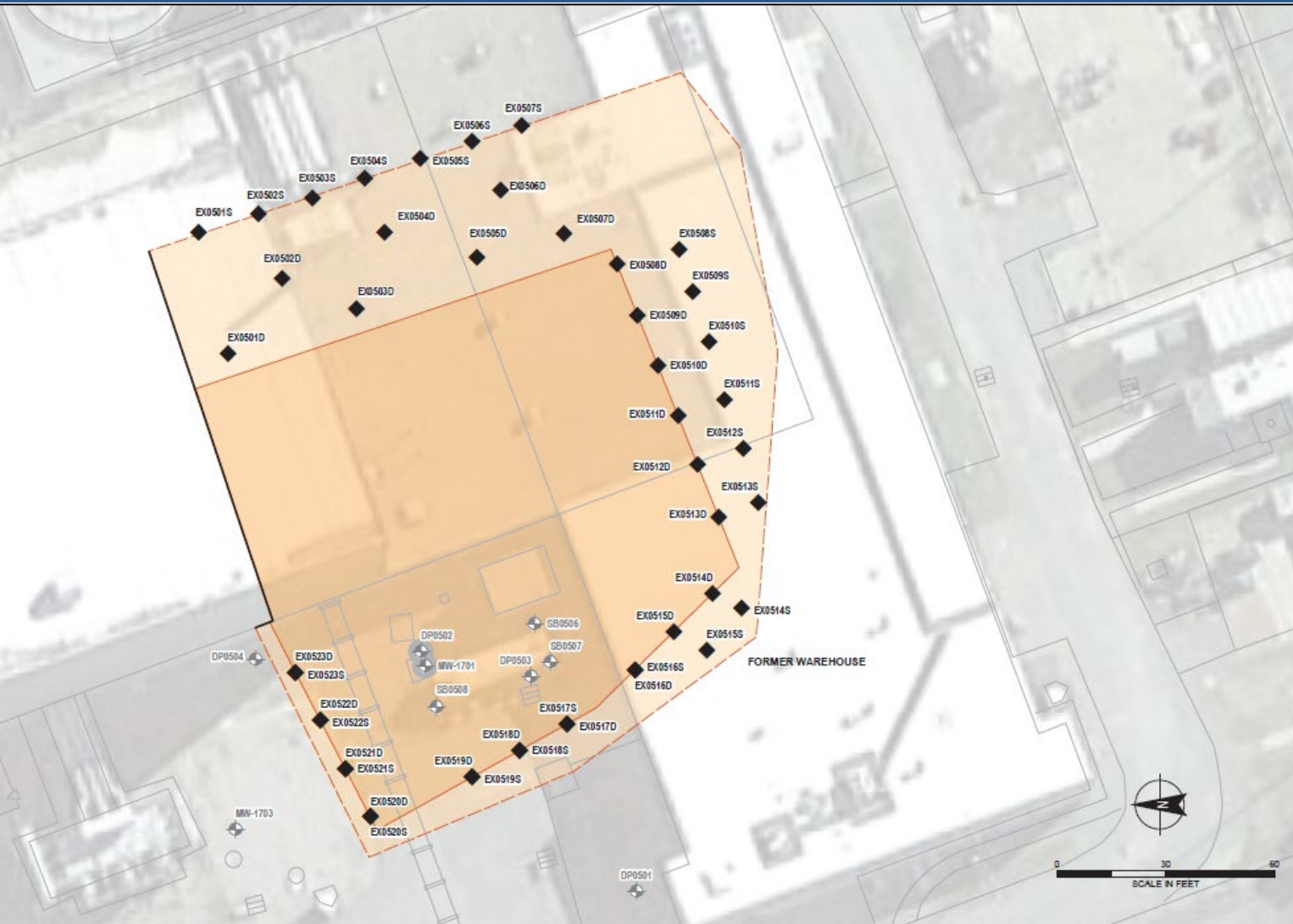
- Contamination not expected
- Area used to store and compact non-rad solid waste
- No observed visual, olfactory, and PID evidence (3 locations)





# Corrective Action Completion

## AOC 5 – Fuel Impacted Soil at Former Turbine Building (Reported July 2024)



- Leak reported during plant operations, but too close to the building to remediate
- 100 ft x 140 ft wide x 22 ft deep
- Confirmatory soil samples collected by H&A analyzed for hydrocarbons and metals (split samples by Atlas)
- Clean boundaries confirmed
- 3,000 tons shipped by rail to WCS,TX
- Backfilled with clean soil
- Groundwater monitoring planned



# Corrective Action Completion

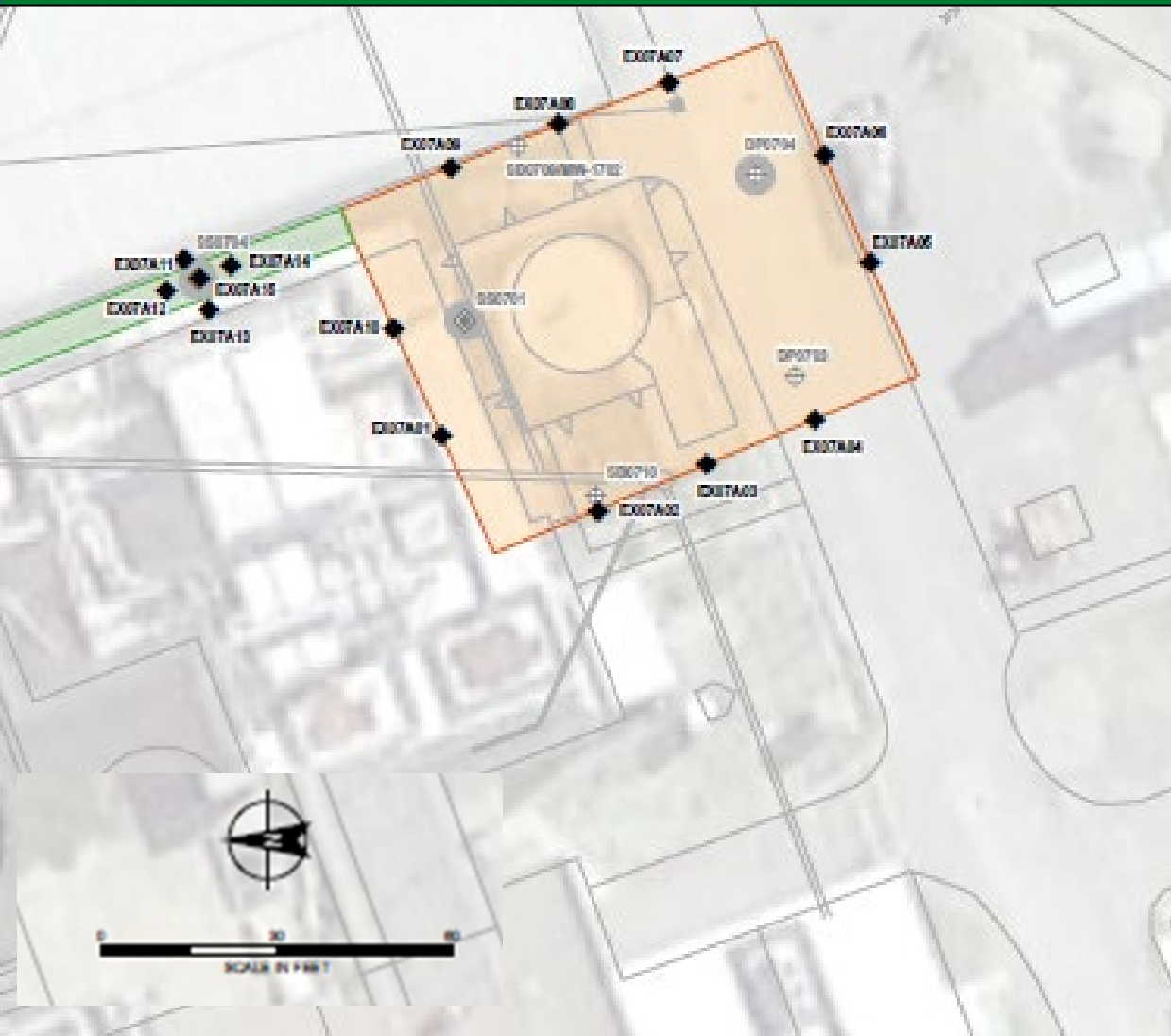
## AOC 5 – Fuel Impacted Soil at Former Turbine Building (Reported July 2024)





# Corrective Action Completion

## AOC 7a – Fuel Oil and Waste Oil Storage Tanks (Reported July 2024)



- Leak reported during plant operations, but below the tank vault inaccessible
- 75,000 gallon fuel oil storage tank - 60 ft x 80 ft wide x 23 ft deep
- 500 gallon fuel oil storage tank - 10 ft x 10 ft wide x 2 ft deep
- Confirmatory soil samples collected by analyzed for hydrocarbons and metals
- 1,800 tons shipped by rail to WCS, TX
- Backfilled with clean soil
- Groundwater monitoring planned



# Corrective Action Completion

## AOC 7a – Fuel Oil and Waste Oil Storage Tanks (Reported July 2024)





- **Public Drinking Water Program (DWGPD)**
  - On-site well. Routine compliance. No issues.
- **Direct Discharge (WMD)**
  - None. No permit change being sought at this time.
- **Stormwater Program (WMD)**
  - Routine inspections to ensure stormwater and sediment control
- **Rivers Program (WMD)**
  - Amended Stream Alteration Permit approved June 5, 2024