

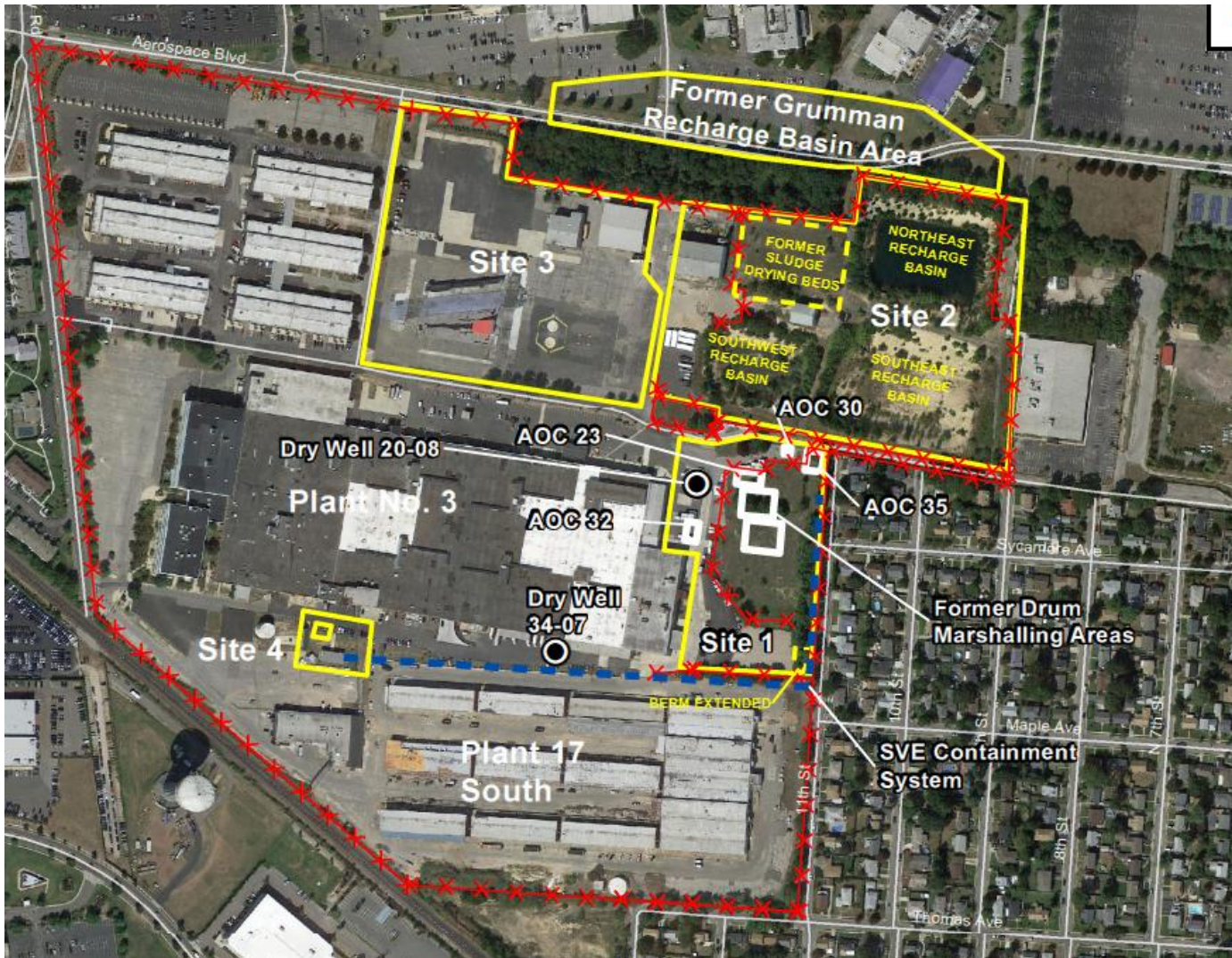


**SITE 4 (AOC 22) UPDATE  
APRIL 2014 RESTORATION ADVISORY BOARD (RAB)**

**NWIRP BETHPAGE  
LONG ISLAND, NEW YORK**

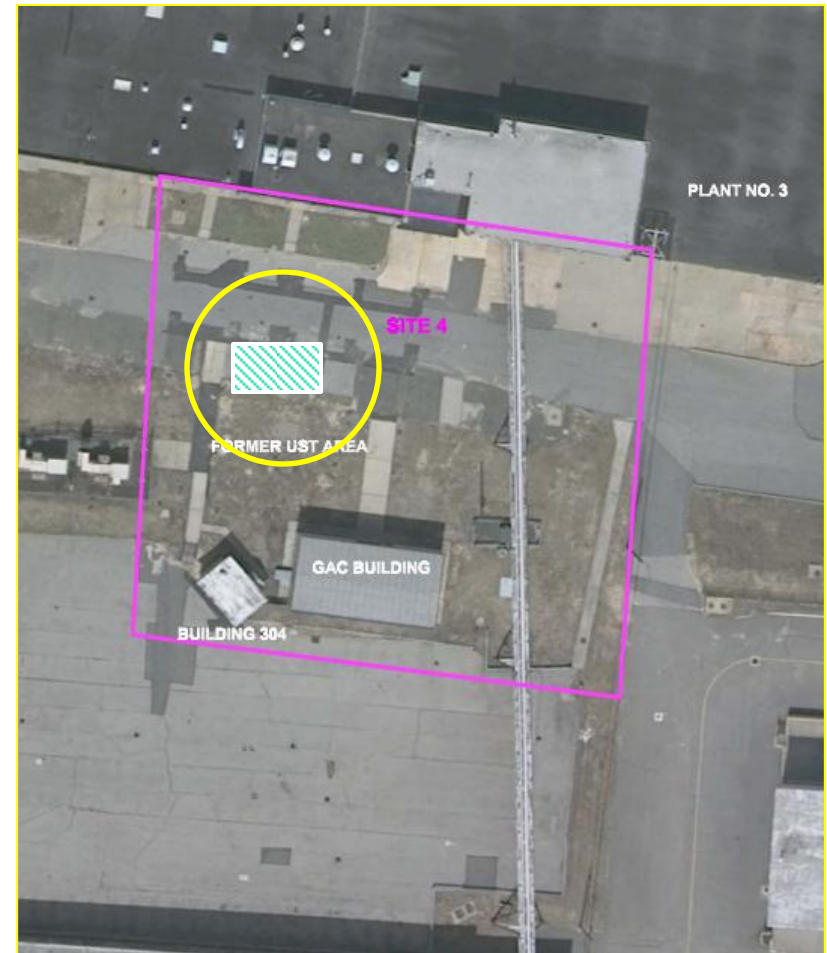
04/09/2014

# Site Location Map



# SITE 4 (AOC 22) ACTIVITIES

- Former Underground Storage Tanks (USTs) for No. 6 Fuel Oil – Tar-like material
- Tanks were removed approximately 1980 to 1984
- Approximately 6,800 cubic yards and 47 tons of petroleum
- Petroleum found in the soils 30 to 71 feet below ground surface, near the water table
- Impacted soil covers an area of approximately 0.14 acre
- Some evidence of groundwater effects
- Groundwater ultimately captured by Containment System to south

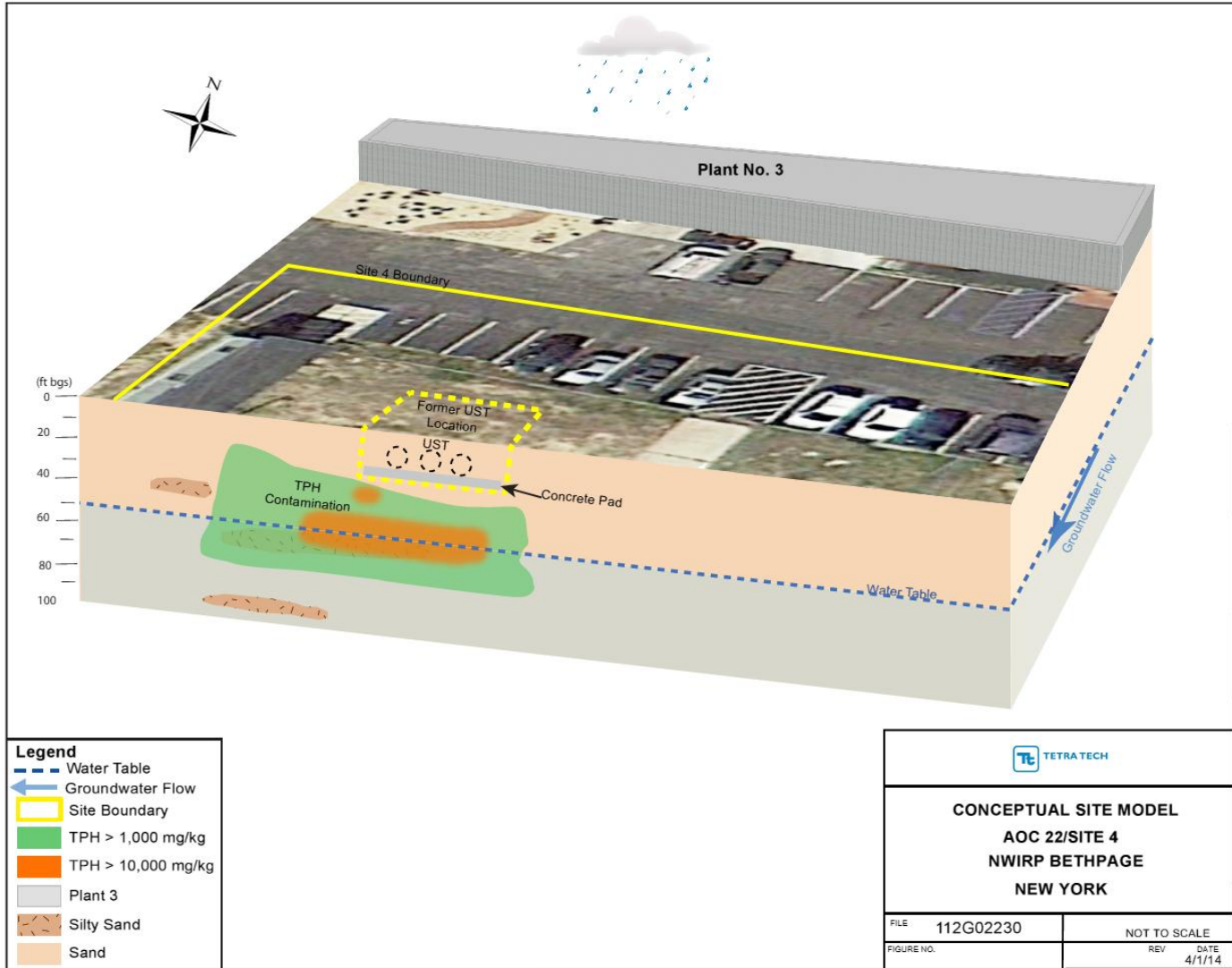


# SITE 4 (AOC 22) ACTIVITIES

- Navy prepared a Feasibility Study to develop and evaluate potential remedial alternatives (2013)
- Alternatives included:
  - Land Use Controls
  - Groundwater Monitoring
  - Steam Injection/Free Product Recovery
  - Solvent Extraction
  - Biosparging



# SITE 4 (AOC 22) – CONCEPTUAL SITE MODEL

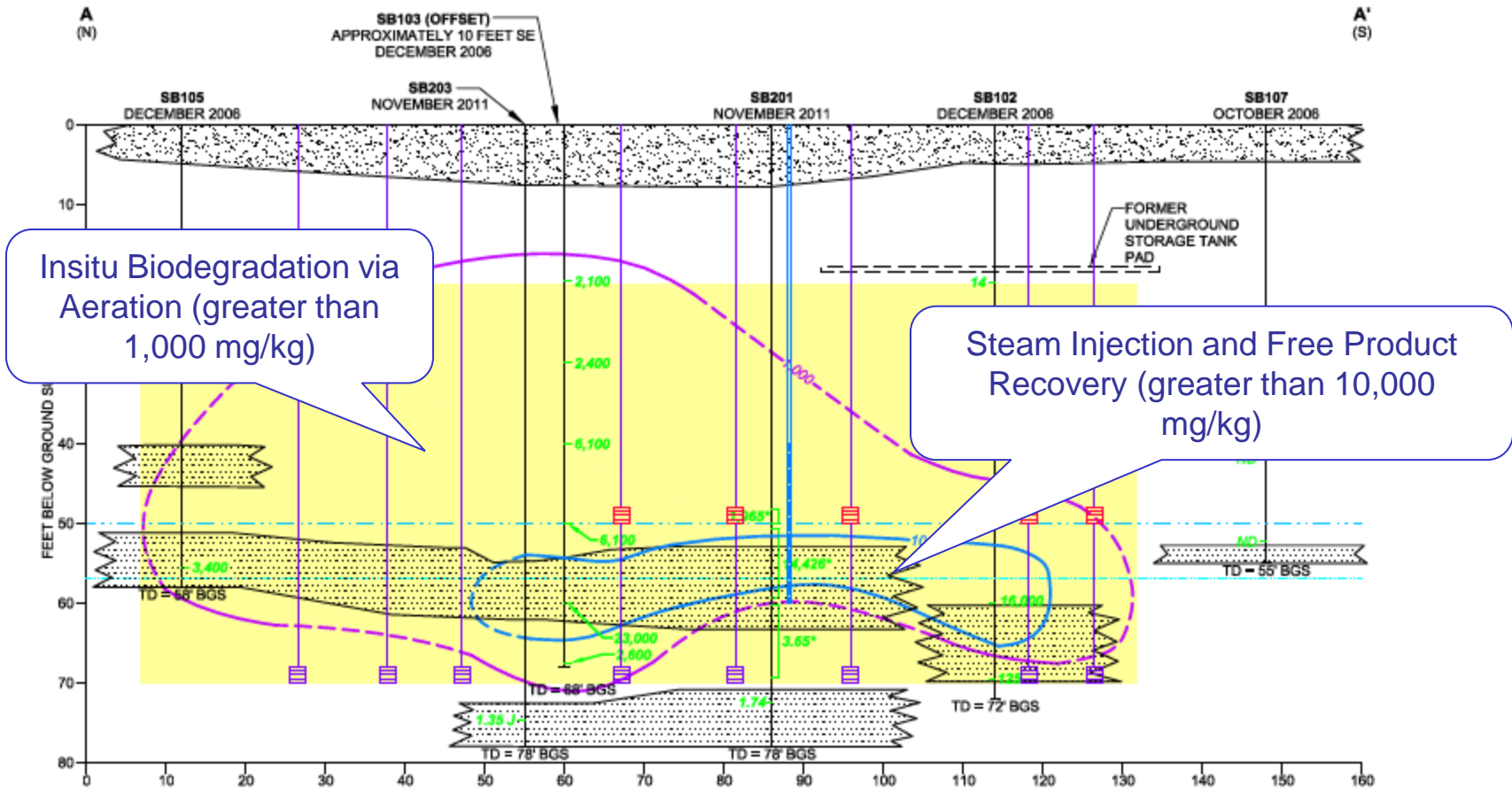


# SITE 4 (AOC 22) – PROPOSED REMEDIAL ACTION PLAN



- Navy is currently preparing a Proposed Remedial Action Plan for public comment – Spring 2014
- Proposed Alternative includes treatment:
  - Steam Injection/Free Product Recovery
  - Biosparging
- Monitoring

# SITE 4 (AOC 22) PROPOSED ALTERNATIVE



# SITE 4 (AOC 22) ACTIVITIES



- Path forward
  - Proposed Remedial Action Plan (Spring 2014) – public comment
  - Record of Decision (Fall 2014)
  - Design to start in 2015
  - Cleanup to start in 2015/2016
  - Anticipated to operate for 2 to 4 years