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OU3 RI/FFS Summary

November 12, 2009

Meeting Agenda

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- Introductions/Opening Remarks
- Project Background
- Response to 7/23/09 NYSDEC comment letter
- Site Area RI Supplement Revision (CSM)
- Site Area FFS revision (Mass Removal)
- Off-Site RI (CSM)
- Off-site FFS (Preliminary Remedial Action Objectives)
- Schedule
- Closing Comments

Project Background

- Site Area RI Report submitted February 2008
- Site Area FFS submitted August 2009
- IRMs for soil gas (2007) and groundwater (2009) achieving cleanup objectives
- Study Area RI Report submitted October 2009
- Study Area FFS Report due May 2010

Responses to 7/23/09 NYSDEC Comment Letter

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- Changes to Site Area RI Report:
  - No changes to Site Area RI report; changes will be made to RI Supplement
- Site history/CSM:
  - Two additional D&B reports will be referenced in RI Supplement
  - CSM from Site Area FFS will be combined with CSM from Study Area RI and added to RI Supplement
- Presence/Nature of Fill – SW Park:
  - F006 waste listing
  - No EP-toxicity testing performed
  - RI Report Appendix B provides details on fill/silt constituents

Responses to 7/23/09 NYSDEC Comment Letter (continued)

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- Constituents of concern:
  - Additional COCs will be added to RI Supplement
- Stained soils – Western portion of Plant 24 Access Road:
  - Data tables/text will be added to RI Supplement
  - Data were evaluated during FFS screening of remedial alternatives
- BWD water line:
  - Site plan will be revised to depict water line and added to RI Supplement
  - Utility depths in relation to impacts/risks were evaluated in FFS/HHRA
- FFS:
  - Remedies will be proposed in revised Site Area FFS for mass removal of PCBs and blue-green material
  - Remedial alternatives for Access Road were included in FFS; clarification of comment needed

Responses to 7/23/09 NYSDEC Comment Letter (continued)

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- Recharge basin sediment sampling:
  - Town is responsible as part of routine basin maintenance
- RI/FS schedule:
  - Revised schedule submitted by Northrop Grumman in October 2009
- Responses to NYSDEC comment letter will be submitted by 11/25/09

Site Area RI Supplement Revisions (CSM)

- New CSM will combine CSMs from Site Area FFS and Study Area RI
- RI Supplement will be submitted by 12/9/09

Site Area FFS Revision (Mass Removal)

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Proposed remedy for blue-green material:

- Remediate material from 0 to 10 feet below land surface:
  - Excavation with offsite disposal and
  - Solidification
- Projected results:
  - 98 percent of material remediated 0 to 10 feet bls
  - 450 cubic yards of material treated
  - Cost - $1,350,000

Site Area FFS Revision (Mass Removal)

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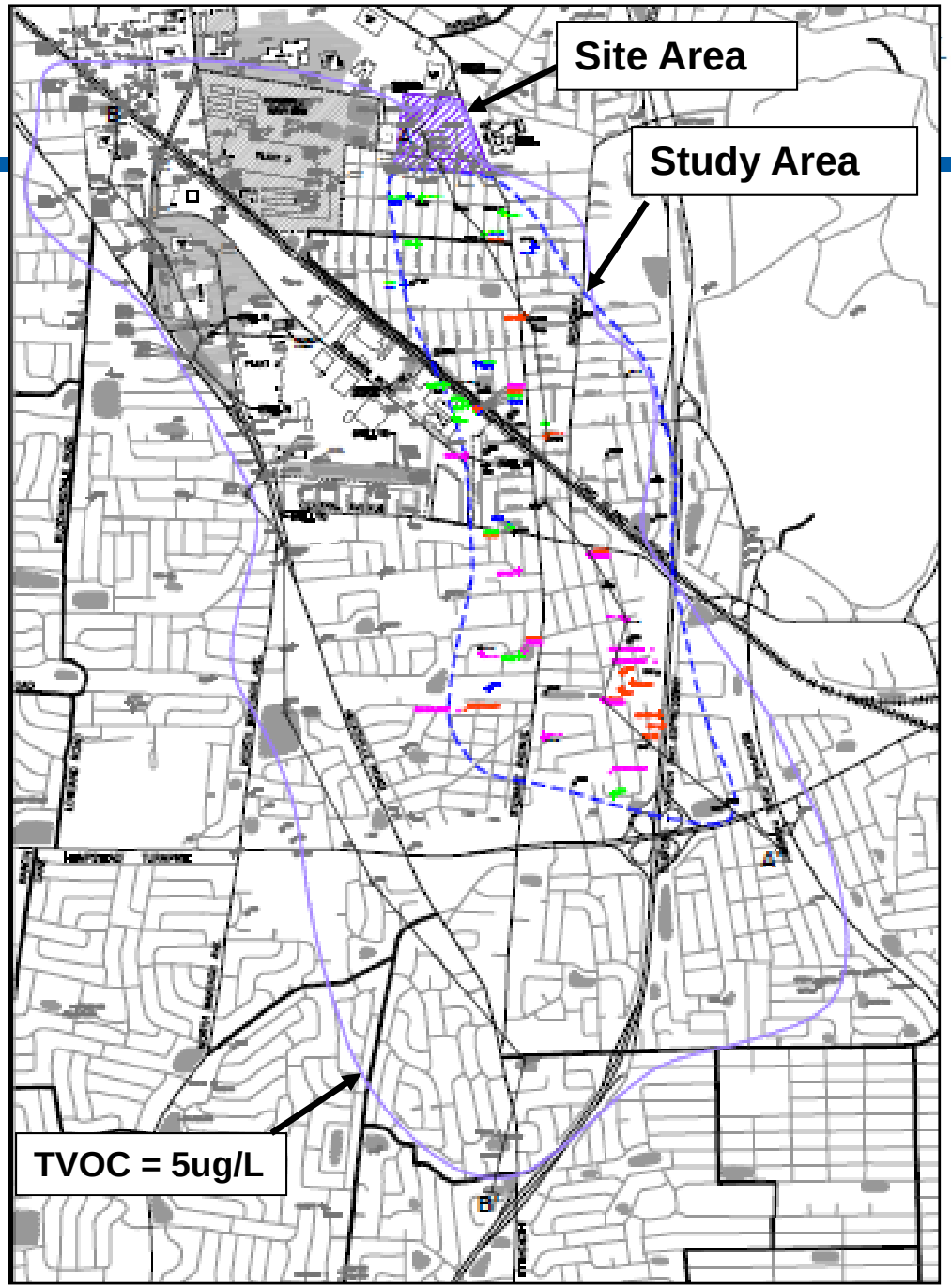
Proposed remedy for PCBs:

- Excavation with offsite disposal of PCBs > 50 ppm from 0 to 6 ft bls (No PCBs > 50 ppm at locations where utilities found deeper than 6 ft., i.e, 6-10 ft. bls)
- Projected results:
  - 100% percent of site-wide PCBs > 50 ppm remediated 0 to 6 feet bls
  - 2,400 lbs PCBs removed
  - Cost - $4,000,000
- Revised FFS addressing blue-green material and PCBs will be submitted by 1/13/10

Off-Site RI

Study Area CSM:

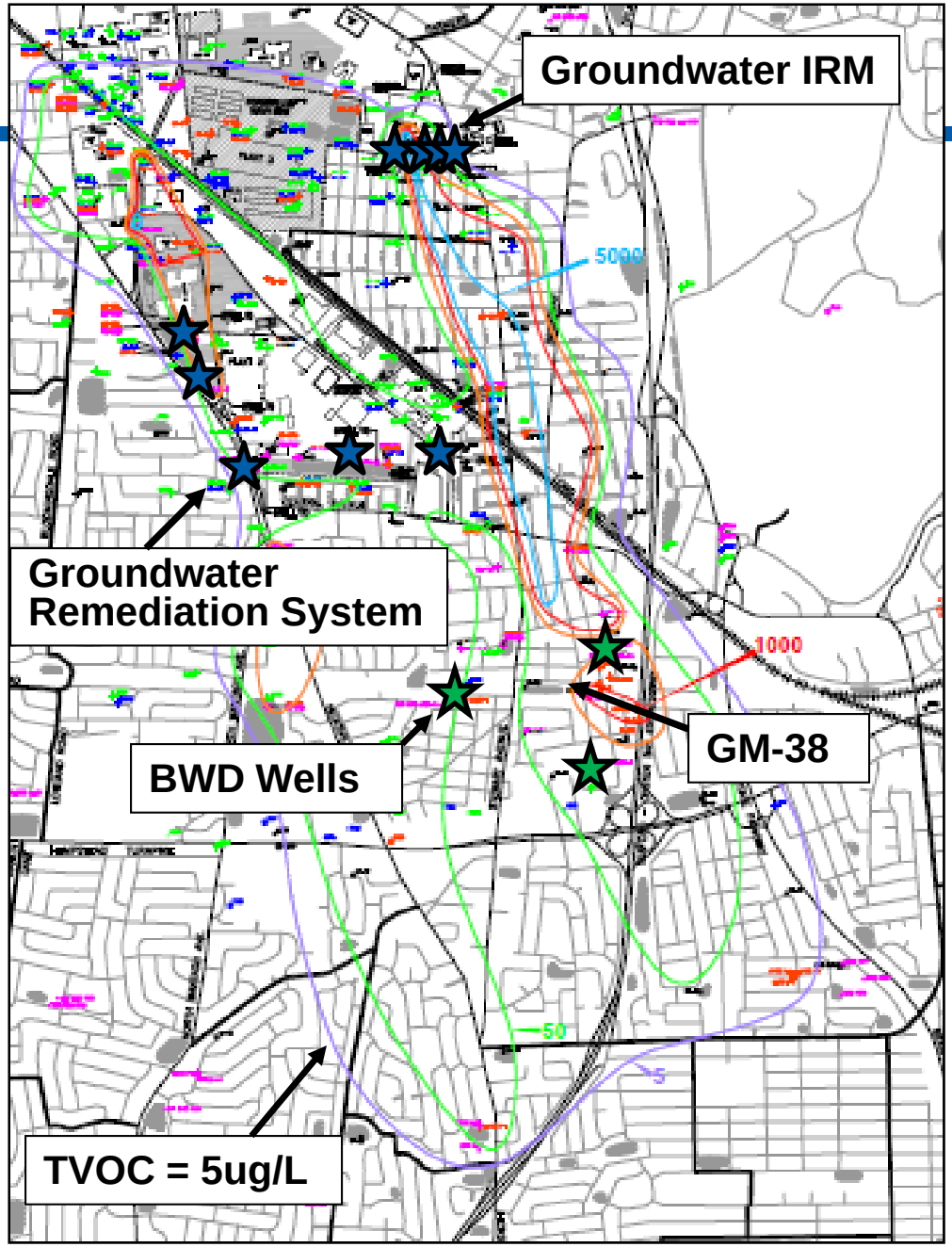
- Study Area is 11% of larger regional VOC-impacted area
- Historical releases came from Site Area & nearby industrial sources



Off-Site RI (continued)

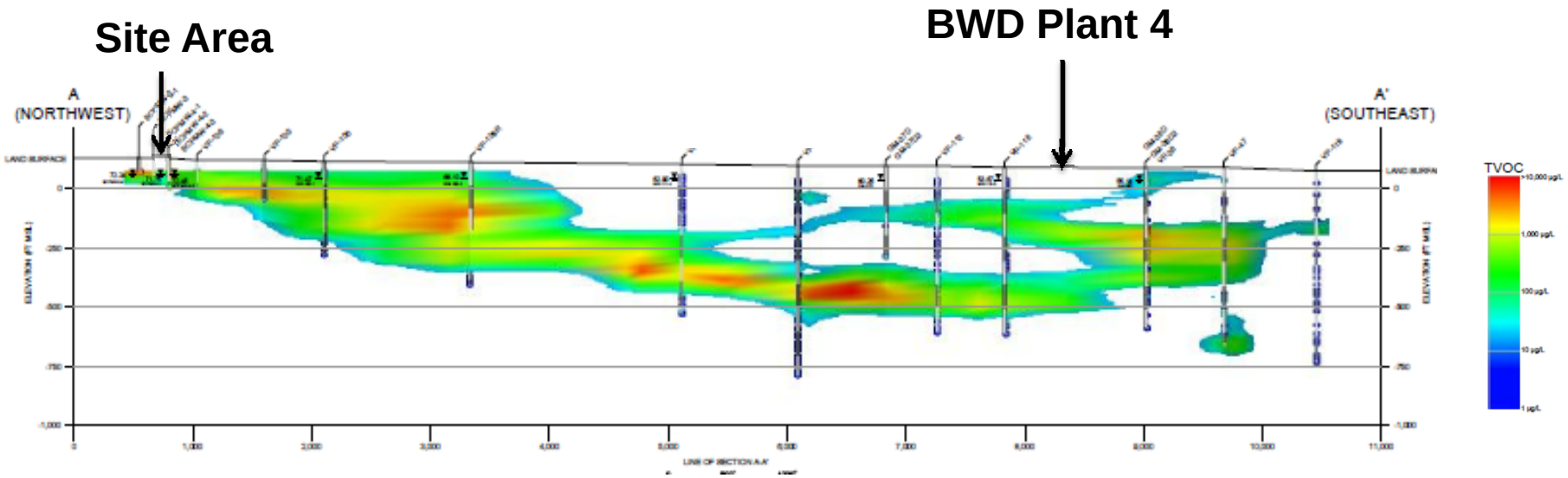
Study Area CSM:

- Historical pumping & recharge distributed VOCs laterally and vertically throughout the region
- Municipal wells affected but water treated, so no exposures
- Groundwater remediation systems in place to address regional impacts



Off-Site RI

Study Area CSM



- Historical pumping and recharge caused downward VOC migration (>500 ft bls)
- Parameters not all linked to Site Area (e.g., PCE in shallow part of plume)

Off-Site FFS

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Preliminary Remedial Action Objectives:

- Prevent delivery of water to public with VOC concentrations exceeding NYSDEC Standards, Criteria, and Guidelines (SCGs)
- Reduce mass of VOCs in Study Area groundwater
- More specific RAOs needed for:
  - Active remediation & MNA
  - Acceptable long-term Water District influent concentrations
- Off-Site FFS will be submitted May 2010

Schedule

- November 2009 – 2nd round of groundwater sampling, complete
- November 2009 – February 2010 - Meetings with project stakeholders:
  - Bethpage Water District
  - NYSDEC/NYSDOH
  - NCDOH
  - NCDPW/NYSDOT
  - Elected officials
  - Navy
  - TAC Members
- November 2009 – May 2010 - Groundwater modeling, conceptual remedial design and prepare FFS
- May 2010 – Submit FFS

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Closing Comments