

Observed in well (MW04S) when developed and sampled; sheens observed in boring 12-17

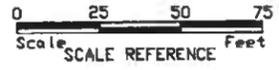


**LEGEND**

- EXISTING SHALLOW MONITORING WELL
- EXISTING DEEP MONITORING WELL
- ◆ SOIL BORING
- ⊕ DIRECT PUSH BORING
- ▭ PREVIOUS TEST PIT LOCATION (APPROXIMATE)
- ▭ TEST PIT
- APPROXIMATE SITE BOUNDARY
- FORMER STRUCTURES

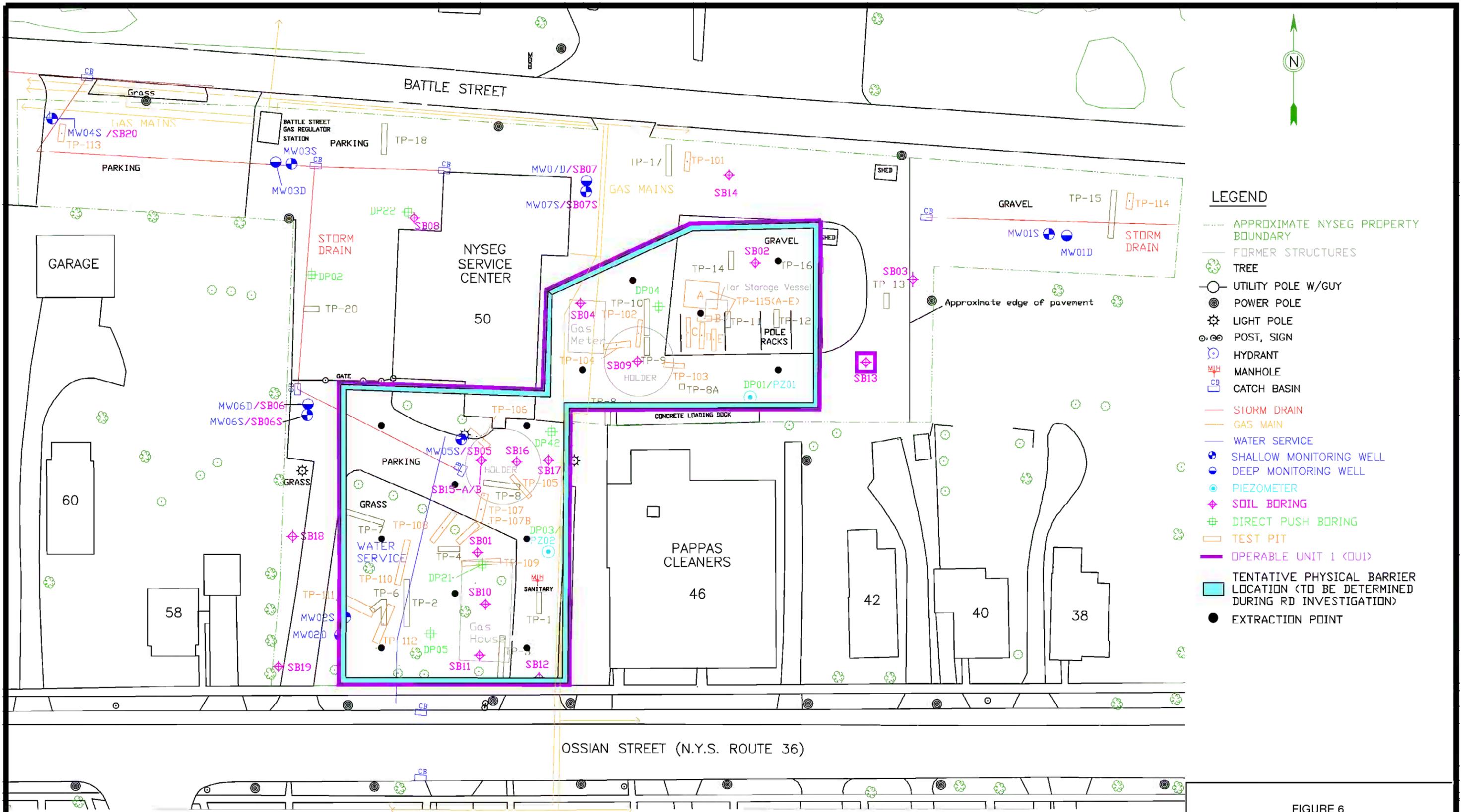
**VISUAL OBSERVATIONS**

- ▨ SHEEN
  - ⊗ SMALL NAPL GLOBULES
  - ⊗ EXTENSIVE NAPL GLOBULES
- DEPTH INTERVAL OF OBSERVED IMPACTS (Feet)



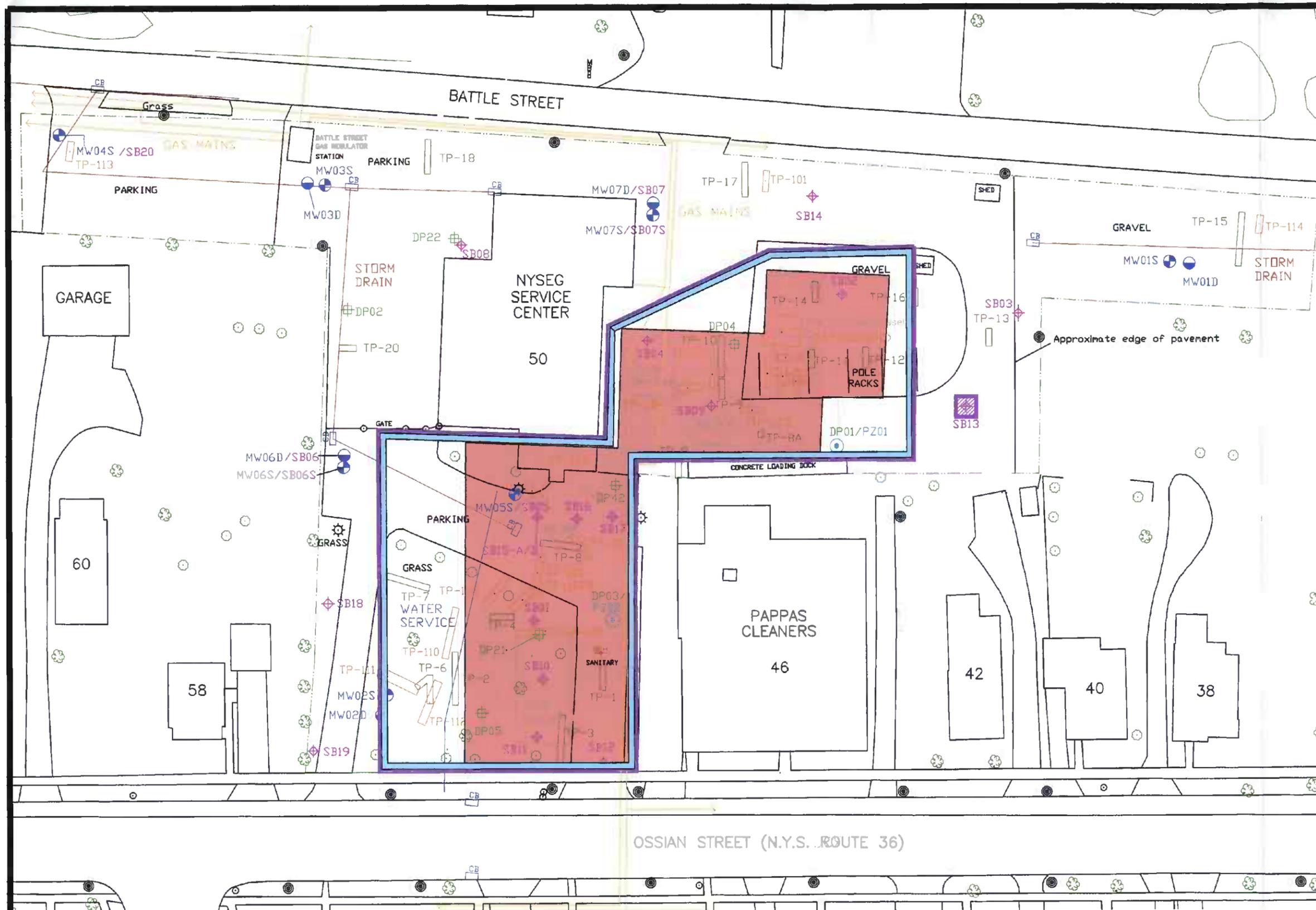
**Note:**  
 1. This figure was previously presented as Figure A-15 in the Supplemental RI Report for OU1 (ISH Inc., January 2006).

**FIGURE 5**  
**EXTENT OF NAPL CONTAMINATION**  
 NYSEG FORMER MGP SITE  
 DANSVILLE, NEW YORK  
 DATE: 5/12/06 FILE NAME: DANFIG2-3  
 ISH INC. / MTR, INC.



Notes:  
 1) Alternative 2 includes containment using a physical barrier within OU1 with limited total fluids extraction and disposal, maintenance of surface cap/cover, institutional controls and groundwater monitoring.  
 2) The proposed physical barrier location is tentative at this time, and will be determined based on information obtained during remedial design investigation.

FIGURE 6  
 CONTAINMENT APPROACH  
 FOR ALTERNATIVE 2  
 NYSEG FORMER MGP SITE  
 DANSVILLE, NEW YORK  
 DATE: 3/02/07 FILE NAME: DANSFIGURE2  
 ISH INC. / MTR, INC.



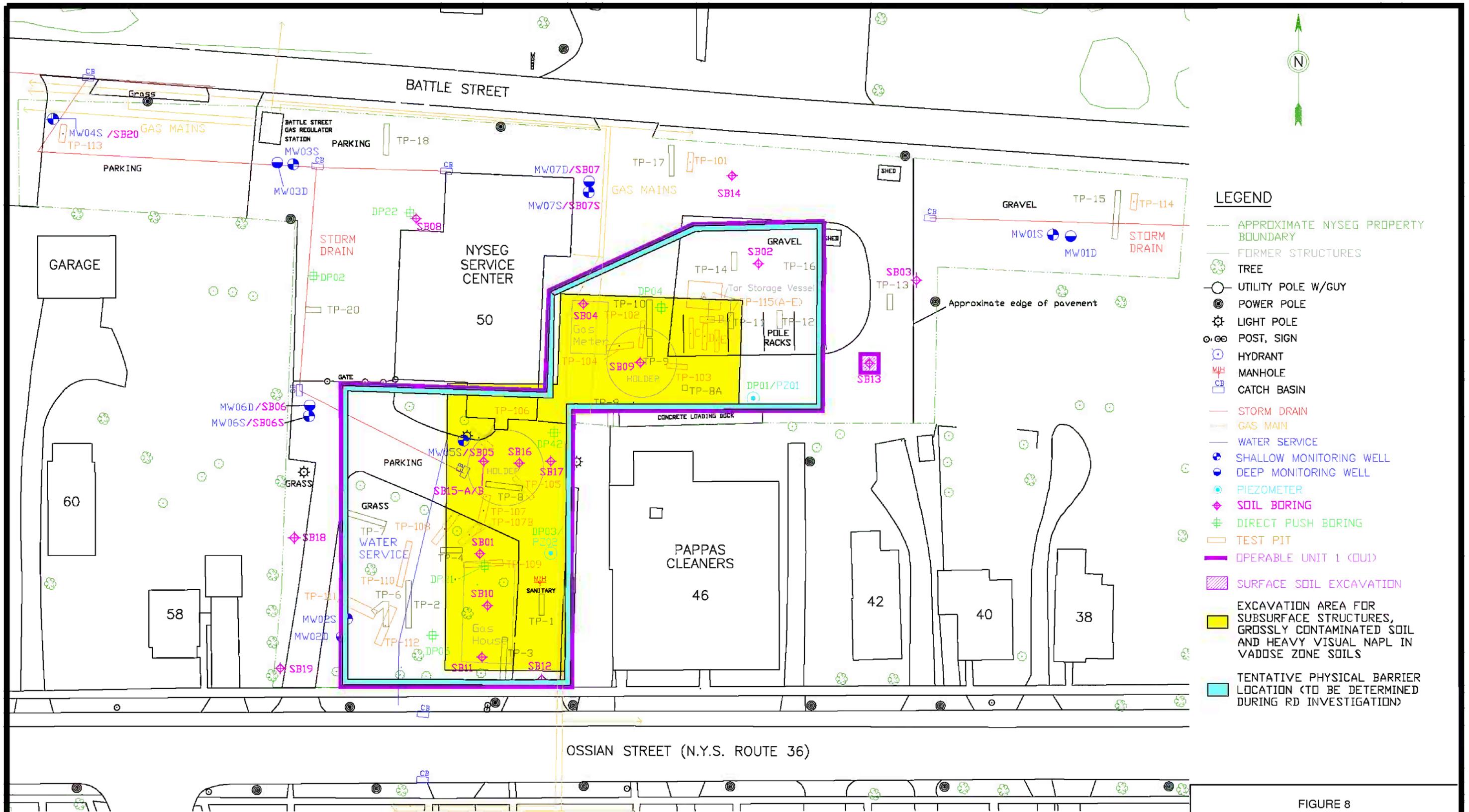
**LEGEND**

- APPROXIMATE NYSEG PROPERTY BOUNDARY
- FORMER STRUCTURES
- ⊗ TREE
- UTILITY POLE W/GUY
- ⊙ POWER POLE
- ⊙ LIGHT POLE
- ⊙ POST, SIGN
- ⊙ HYDRANT
- ⊙ MANHOLE
- ⊙ CATCH BASIN
- STORM DRAIN
- GAS MAINS
- WATER SERVICE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- PIEZOMETER
- ◆ SOIL BORING
- ◆ DIRECT PUSH BORING
- TEST PIT
- OPERABLE UNIT 1 (OU1)
- SURFACE SOIL EXCAVATION
- EXCAVATION AREA FOR SUBSURFACE STRUCTURES, GROSSLY CONTAMINATED SOIL AND HEAVY VISUAL NAPL IN VADOSE AND SATURATED ZONE SOILS (TO CONFINING LAYER)
- TENTATIVE LOCATION OF HYDRAULIC CONTROL FOR SATURATED ZONE EXCAVATION (TO BE DETERMINED DURING RD INVESTIGATION)



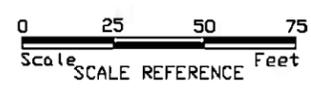
**Notes:**  
 1) Alternative 3 includes excavation of subsurface structures, grossly contaminated soil and heavy visual NAPL in vadose and saturated zone soils, and institutional controls.  
 2) The proposed excavation areas and location of hydraulic controls are tentative at this time, and will be determined based on information obtained during remedial design investigation.

FIGURE 7	
EXCAVATION AREAS FOR ALTERNATIVE 3	
NYSEG FORMER MGP SITE DANSVILLE, NEW YORK	
DATE: 3/22/07	FILE NAME: DANSFIGURE3
ISH INC. / MTR, INC.	



- LEGEND**
- APPROXIMATE NYSEG PROPERTY BOUNDARY
  - FORMER STRUCTURES
  - 🌳 TREE
  - UTILITY POLE W/GUY
  - ⦿ POWER POLE
  - ⚙️ LIGHT POLE
  - ⦿ POST, SIGN
  - ⦿ HYDRANT
  - ⦿ MANHOLE
  - ⦿ CATCH BASIN
  - STORM DRAIN
  - GAS MAIN
  - WATER SERVICE
  - ⦿ SHALLOW MONITORING WELL
  - ⦿ DEEP MONITORING WELL
  - ⦿ PIEZOMETER
  - ◆ SOIL BORING
  - ⦿ DIRECT PUSH BORING
  - TEST PIT
  - OPERABLE UNIT 1 (OUI)
  - ▨ SURFACE SOIL EXCAVATION
  - EXCAVATION AREA FOR SUBSURFACE STRUCTURES, GROSSLY CONTAMINATED SOIL AND HEAVY VISUAL NAPL IN VADOSE ZONE SOILS
  - ▨ TENTATIVE PHYSICAL BARRIER LOCATION (TO BE DETERMINED DURING RD INVESTIGATION)

OSSIAN STREET (N.Y.S. ROUTE 36)



**Notes:**

- 1) Alternative 4 includes excavation of subsurface structures, grossly contaminated soil and heavy visual NAPL in vadose zone soils, containment using a physical barrier within OUI with maintenance of surface cap/cover, institutional controls and groundwater monitoring.
- 2) The proposed physical barrier location and excavation areas are tentative at this time, and will be determined based on information obtained during remedial design investigation.

FIGURE 8

<b>EXCAVATION AREAS AND CONTAINMENT APPROACH FOR ALTERNATIVE 4</b>	
NYSEG FORMER MGP SITE DANSVILLE, NEW YORK	
DATE: 3/02/07	FILE NAME: DANSFIGURE4
ISH INC. / MTR, INC.	

# **APPENDIX A**

## **Responsiveness Summary**

# **RESPONSIVENESS SUMMARY**

**NYSEG - Dansville MGP Site  
Operable Unit No. 1  
Dansville, Livingston County New York  
Site No. 8-26-012**

The Proposed Remedial Action Plan (PRAP) for the NYSEG Dansville MGP site was prepared by the New York State Department of Environmental Conservation (the Department) in consultation with the New York State Department of Health (NYSDOH) and was issued to the document repositories on November 13, 2007. The PRAP outlined the remedial measure proposed for the contaminated soil and groundwater at the Dansville MGP site.

The release of the PRAP was announced by sending a notice to the public contact list, informing the public of the opportunity to comment on the proposed remedy.

A public meeting was held on November 27, 2007, which included a presentation of the Remedial Investigation (RI) and the Feasibility Study (FS) as well as a discussion of the proposed remedy. The meeting provided an opportunity for citizens to discuss their concerns, ask questions and comment on the proposed remedy. These comments have become part of the Administrative Record for this site. The public comment period for the PRAP ended on December 17, 2007.

This responsiveness summary responds to all questions and comments raised during the public comment period. The following are the comments received, with the Department's responses:

The following comments were received during the November 27, 2007 public meeting:

Comment 1: How long before the cleanup will start? Will you delay doing any clean up work until you know what you're going to do at the Pappas site?

Response 1: The cleanup start date has not been determined due to the need to address the source of chlorinated VOCs from the former Pappas Dry Cleaners property located immediately to the east of this site. This upgradient source must be controlled before remedial action can be performed at the MGP site. This step must be performed to assure the MGP site will not become re-contaminated with the chlorinated VOCs. Prior to the onsite construction activities in OU1 a site specific remedial design must be developed. The remedy will be designed, to the extent possible, concurrent with the Pappas investigation. The construction of the remedy will not be implemented until the source of the Pappas contamination is under control. Currently the Department is performing investigation work at the Pappas property. The Department will provide the public with information relating to the progress of both sites through public meetings and fact sheets.

Comment 2: How long will the cleanup take?

Response 2: This remedy will require approximately one year to design and nine months to construct.

Comment 3: I am concerned for the value of my property. The presence of this contaminated site will affect my ability to sell my house.

Response 3: This remedy is intended to eliminate or mitigate threats to human health and the environment. Determining the value of real estate is beyond the scope of this document.

Comment 4: Does the western side of the excavation site include the driveway or go beyond the driveway?

Response 4: The location of the excavation limits are approximate and will be refined as part of the remedial design. However, the western side of the excavation is not anticipated to extend beyond the driveway.

Comment 5: Will the dewatering process affect trees growing in the area?

Response 5: The dewatering should not significantly alter the groundwater elevation outside of the barrier. It is anticipated that trees outside the hydraulic barrier will not be significantly impacted by this remedy. To minimize the amount of water entering the excavation from the sides, the dewatering will be performed from within the confines of a hydraulic barrier. Additionally, the hydraulic barrier will be set into a silty clay soil which will limit the amount of groundwater displaced from outside the wall.

Comment 6: Is any excavation likely to be done for OU2?

Response 6: Excavation is a common element of many remedies. The investigation of OU2 has not been finalized. Before a remedy can be selected the investigation phase must be completed. The applicability of excavation as an element of the OU2 remedy will be evaluated in the feasibility study.

Comment 7: Is OU1 the first area to be cleaned up? Will you have to clean up under the NYSEG building? Will you have to remove the NYSEG building?

Response 7: The MGP contamination located in OU1 represents an ongoing source to OU2 and therefore, OU1 will be addressed before a remedy for OU2 would be implemented. As stated in Response 6, no remedial decisions have been made regarding OU2. As part of the OU1 remedy, a small portion of the service center building will be removed to access a limited area of subsurface contamination. However, the majority of the service center building is located within OU2. The the need to remove the NYSEG building will be evaluated as part of the OU2 feasibility study.

Comment 8: Were wastes placed in any other areas beyond the site boundaries?

Response 8: This investigation has not identified any other waste disposal areas.

Comment 9: How does this contamination affect drinking water?

Response 9: Dansville has a municipal water source located some distance away. The MGP site has not contaminated the municipal drinking water source.

Comment 10: Will the construction affect traffic flow? I am concerned that a street closure will affect my business.

Response 10: The trucking routes that will be used during the construction will be determined as part of the remedial design and in consultation with the local highway supervisor. The plan will be designed to efficiently move construction equipment onto and off the site and minimize disruptions to the community.

Comment 11: Are the Remedial Action Plan and clean up plans in the public library repository?

Response 11: The Proposed Remedial Action Plan and Feasibility Study are available in the repository.

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Several questions were also raised at the meeting concerning the adjacent Pappas Dry Cleaning site. These were answered at the meeting, but do not pertain to the selected remedy for the former MGP site, and are not included here. A public meeting will be held in the future to present the Pappas site investigation results.

Mr. John Ruspantini, an Environmental Analyst for NYSEG, submitted a letter (dated December 13, 2007) which included the following comments:

Comment 12: Page 10, paragraph 5 states "MGP-related contamination from the site is present in the soil vapor, sub-slab vapors and indoor air." As noted in an earlier section (5.1.2) of the PRAP, potential sources of BTEX compounds measured in indoor air may be from vapors from subsurface soils and groundwater containing MGP residual contamination and/or other petroleum products stored in the attached garage.

It should also be noted that the BTEX concentrations initially measured inside the building were found to be on average higher than those found in sub-slab vapor samples. The highest concentration of BTEX inside the building were measured closest to the attached garage where gasoline is stored and utilized by service vehicles. Indoor air samples collected after the installation of the sub-slab depressurization system and verification of effective system operation contained higher concentrations of benzene and toluene, although overall BTEX concentrations were reduced by modest margins. These factors suggest that the gasoline stored in the garage is a significant source of BTEX measured inside the building.

Response 12: The text of the ROD has been revised from the PRAP as follows: "MGP related contamination from the site is present in the soil vapor and subslab vapor. Indoor air impacts were identified, but are likely attributable to products stored within the service center." This modification has been incorporated for clarification.

Comment 13: Page 3, Site Location Description, paragraph 2, last sentence states "Currently subsurface conditions at Operable Unit 2 (OU2) are being investigated under a Remedial Investigation (RI) as directed by the Department." This sentence should be clarified to indicate the following points: (a) NYSEG has investigated and adequately characterized MGP impacts in OU2; and (b) the Department is currently engaged in an RI to delineate the OU2 chlorinated VOC impacts that are related to the former Pappas Cleaner facility.

Response 13: The Department has received various documents detailing the findings of the OU investigations, and on June 26, 2006 issued a letter approving the Remedial Investigation for OU2. Since that time two key aspects of the project have evolved. First, additional field work (including a soil vapor survey) has been completed. Secondly, the administrative definitions for the operable units have been significantly modified and thereby altered the location of the boundaries and the media to be addressed. Although this work is significantly completed, the Department is reevaluating the data already collected to determine if these aspects have altered the characterization of the OU2.

Section 2 of the PRAP, as well as Response #1, address the Pappas issue.

Comment 14: Page 20 “The elements of the proposed remedy...”: It should be noted that the remedial design and construction for OU1 will commence after the Department has completed the Pappas Cleaners investigation and has a plan in place to address chlorinated VOC impacts. This will be required to facilitate coordination between MGP remediation and Pappas remediation and ensure that OU1 cleanup will not re-impacted with chlorinated VOCs.

Response 14: See Response 1. The design of the OU1 remedy, including any pre-design investigations, can proceed concurrently with the Pappas site investigation and any interim remedial measures that may be performed.

# **APPENDIX B**

## **Administrative Record**

# **Administrative Record**

**NYSEG - Dansville MGP Site  
Operable Unit No. 1  
Dansville, Livingston County New York  
Site No. 8-26-012**

1. Proposed Remedial Action Plan for the Dansville MGP site, Operable Unit No.1, dated November 2007 prepared by the Department.
2. Order on Consent, Index No.DO-000209309, between the Department and NYSEG, executed on November 21, 1996.
3. "Supplemental Remedial Investigation of Operable Unit 1", January 2006, Ish Inc.
4. "Final Feasibility Study for Operable Unit 1", October 2007, Ish Inc.
5. Fact Sheet, May 2006, Announcing Investigation Results
6. Fact Sheet, November 2007, Announcing PRAP public comment period
7. Letter dated December 21, 2006, John Ruspantini, (NYSEG) to Charles Post (Department) re:Sub-Slab Depressurization System
8. Letter dated December 13, 2007, John Ruspantini, (NYSEG) to Charles Post (Department) re: NYSEG Comments on Proposed Remedial Action Plan.