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September 8, 2014

Mr. R. Scott Deyette
NYSDEC, Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: Site Management Plan
Former Fairchild Semiconductor Facility
91 All Angels Hill Road
Wappingers Falls, New York
NYSDEC Site Code #314067

Dear Mr. Deyette:

The enclosed *Site Management Plan* was prepared by Weiss Associates for the Former Fairchild Semiconductor Corporation facility located at 91 All Angels Hill Road in Wappingers Falls, New York.

If you have any comments or questions, please contact Mr. Thomas Fojut of Weiss Associates at (510) 450-6143 or me at (281) 285-4747.

Sincerely,

V. COCIANNI

Virgilio Cocianni
Remediation Manager

Enclosure: Site Management Plan

cc: Anthony Perretta, New York State Department of Health
Howard Prager, New Hackensack Fire Department
Weiss Associates – File copy

VC:tjf

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Former Fairchild Facility
Wappingers Falls, Dutchess County, New York

Site Management Plan

NYSDEC Site Number: 314067

Prepared for:
Schlumberger Technology Corporation
105 Industrial Boulevard
Sugar Land, Texas 77478

Prepared by:
Weiss Associates
2200 Powell Street, Suite 925
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Revisions to Final Approved Site Management Plan:

Revision #	Submitted Date	Summary of Revision	DEC Approval Date
	August 1988	Operation and Maintenance Manual	1988

SEPTEMBER 2014

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SITE MANAGEMENT PLAN

1.0 INTRODUCTION AND DESCRIPTION OF REMEDIAL PROGRAM

1.1 INTRODUCTION

This document has been requested by the New York State Department of Environmental Conservation (NYSDEC) as an element of the remedial program at the Former Fairchild Facility in Wappingers Falls (herein after referred to as the "Site") under the New York State (NYS) Superfund Program administered by NYSDEC. The site was remediated in accordance with Consent Order #3-1152/8602, Site # 314067, which was executed on October 7, 1986.

1.1.1 General

Fairchild Semiconductor Corporation (Fairchild) entered into a Consent Order with the NYSDEC to remediate a 59.5-acre property located in Wappingers Falls, New York. This Consent Order required the Remedial Party, Fairchild, to investigate and remediate contaminated media at the Site. A figure showing the Site location and boundaries of this 59.5-acre Site is provided in Figure 1. After completion of the remedial work described in the Remedial Action Work Plan, some contamination was left in the subsurface at this Site, which is hereafter referred to as 'remaining contamination'. This Site Management Plan (SMP)[1] was prepared to manage remaining contamination at the Site until the Deed Restriction (Appendix C) is extinguished in accordance with ECL Article 71, Title 36. All reports associated with the Site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State.

This SMP was prepared by Weiss Associates, on behalf of Schlumberger Technology Corporation (STC), in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, and the

[1] This SMP takes into consideration the previous Operation and Maintenance Plan associated with the Site.

guidelines provided by NYSDEC. This SMP addresses the means for implementing the Institutional Controls (ICs) and Engineering Controls (ECs) that are required by the Deed Restriction for the Site.

1.1.2 Purpose

The Site contains contamination left after completion of the remedial action. ICs and ECs have been incorporated into the Site remedy to control exposure to remaining contamination during the use of the Site to ensure protection of public health and the environment. A Deed Restriction recorded with the Dutchess County Clerk will require compliance with this SMP and all ECs and ICs placed on the Site. The ICs place restrictions on Site use, and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs. This SMP specifies the methods necessary to ensure compliance with all ECs and ICs required by the Deed Restriction for contamination that remains at the Site. This plan has been approved by the NYSDEC, and compliance with this plan is required by the Deed Restriction. This SMP may only be revised with the approval of the NYSDEC.

This SMP provides a detailed description of all procedures required to manage remaining contamination at the Site after completion of the Remedial Action, including: (1) implementation and management of all Engineering and Institutional Controls; (2) media monitoring; and (3) performance of inspections, certification of results, and submittal of Periodic Review Reports.

To address these needs, this SMP includes two plans: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; and (2) a Monitoring Plan for implementation of Site Monitoring.

This plan also includes a description of Periodic Review Reports for the periodic submittal of data, information, recommendations, and certifications to NYSDEC.

It is important to note that:

- This SMP details the site-specific implementation procedures that are required by the Deed Restriction. Failure to properly implement the SMP is a violation of the Deed Restriction;
- Failure to comply with this SMP is also a violation of Environmental Conservation Law, 6NYCRR Part 375 and Consent Order #3-1152/8602 (Site Code 314067) for the Site, and thereby subject to applicable penalties.

1.1.3 Revisions

Revisions to this plan will be proposed in writing to the NYSDEC's project manager. The NYSDEC will provide a notice of any approved changes to the SMP, and append these notices to the SMP that is retained in its files.

1.2 SITE BACKGROUND

Volatile organic compounds (VOCs) were identified in soil and shallow groundwater in 1984. The VOC sources were underground storage tanks (USTs) that were used to store fuel oil, waste acid and waste solvent (Figure 1). The VOCs migrated in shallow groundwater to a maximum horizontal extent of about 400 feet east and southeast (downgradient) of the USTs. Remediation began in 1985 and has included UST and soil excavation, groundwater extraction and treatment, *in-situ* bioremediation, and natural attenuation. The remediation has reduced VOC concentrations in groundwater by as much as 99%, with concentrations of individual VOCs in groundwater declining from over 100,000 micrograms per liter (µg/L) in 1985 to less than 100 µg/L in 2011.

1.2.1 Site Location and Description

The Site is located in the Town of Wappingers Falls, Dutchess County, New York and is identified by Assessor's Parcel Number (APN) 6258-02-590720. The Site is an approximately 59.5-acre area bounded by undeveloped woodland to the north and east, land also owned by the New Hackensack Fire District (NKFD) to the south, and All Angels Hill Road and low-density residential development to the west (see Figure 1). The boundaries of the Site are more fully described in Appendix B – Metes and Bounds.

1.2.2 Site History

Prior to 1969, the Site was used for agriculture. The former semiconductor manufacturing plant was built between 1969 and 1971 and operated from 1971 to 1985. The former facility's chemical use and waste management activities included employing solvents and acids in the manufacturing process and storing fuel oil in two USTs for water and building heating. Waste solvent and concentrated waste acid were collected into 6 USTs, 3 USTs for each waste type, before the wastes were transported for disposal off-site. Diluted waste acid from the plant was discharged into an equalization tank and treated in an acid neutralization system (ANS). The ANS effluent discharged into the plant's sanitary wastewater treatment system.

After plant shutdown in 1985, it was decommissioned; the buildings, equipment and USTs were removed; and site investigation and remediation began. The concrete slab foundation of the main plant building remains. STC sold the Site to the NKFD in 1996, under a filed Deed Restriction (Appendix C). NKFD continues to use it for storage and driver training.

1.2.3 Geologic Conditions

The Site is on the southern crest and eastern slope of a low hill—specifically, a drumlin—and is bordered on the east by a small north-flowing creek (Figure 1). The drumlin is composed of a heterogeneous mixture of fine-grained, clay-rich till and glaciolacustrine deposits. The generalized soil profile at the Site consists of two clayey silt till layers above bedrock. The upper layer consists of low-permeability, stiff, brown, clayey silt with traces of sand and ranges in depth to between 7 feet to 25 feet below ground surface (ft bgs). Below this layer is a very stiff to hard layer of gray clay and silt; this lower clayey silt layer is also of low-permeability and extends down to bedrock. Bedrock consists of black shale that is Ordovician in age. A geologic section is shown in Figure 2.

The groundwater table morphology generally mimics the Site topography. The depth to groundwater is generally less than 20 ft bgs at the Site. Groundwater elevations and general groundwater flow direction are presented in Figure 3.

1.3 SUMMARY OF REMEDIAL INVESTIGATION FINDINGS

A Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the Site. The results of the RI are described in detail in the following reports:

- *Initial Remedial Action Plan* (RAP), November 1985
- *Revised Remedial Action Plan,* January 1986
- *Hydrocarbon Remedial Action Program,* September 1987
- *Final W-26 Field Investigation Report,* November 1991
- *Semi-Annual Monitoring Report*, May-October 2001
- *Quantitative Evaluation and Work Plan for Alternative Remedial Technologies*, January 2002

- *Three-Year Evaluation Report,* November 2005
- *Four-Year Evaluation of Enhanced In-Situ Bioremediation of Chlorinated Solvents in Groundwater,* January 2007
- *W-18A Vicinity Investigation Report,* February 2009
- *West Slab Area Investigation,* December 2011

Generally, the RI determined that VOCs present in soil and groundwater were most likely from accidental spillage adjacent to the waste solvent and waste acid USTs. The locations of the former USTs are shown on Figure 4. The conceptual site model for VOC distribution in site groundwater indicates that past releases from surface spills and the USTs entered soil and groundwater and were transported eastward to southeastward in shallow groundwater. Trichloroethene (TCE) and its breakdown product cis-1,2-dichloroethene (cis-1,2-DCE) are the predominant residual VOCs in groundwater at the Site.

Below is a summary of Site conditions when the RI was performed in 1984 through 1986:

Soil

Soil with VOCs and excavation water with an oily sheen were identified in 1984 during a construction excavation for the installation of "Manhole No. 2", located near the fuel oil and waste solvent USTs . The primary VOC source was the former waste solvent USTs on the east side of the plant building (Figure 4). Soil borings were advanced and monitoring wells were installed in and downgradient of the source areas in 1985. Soil samples from the borings were each analyzed for between 20 to 40 individual VOCs. The highest VOC concentrations in Site soil were detected near the former fuel oil and waste solvent USTs and include:

- 1,2-dichlorobenzene. The highest concentration was 3.3 parts per million (ppm), detected in a sample from 5 ft bgs in boring CB-9.
- Benzene. Samples from the borings for wells W-11, W-14, W-15 and W-17 contained between 0.11 and 0.50 ppm.
- Ethylbenzene. Samples from 5 ft bgs in boring CB-9 and 2.5 ft bgs in the boring for well W-17 contained 60 and 1.5 ppm, respectively.

- Xylene. The highest total xylene concentrations were detected in samples from borings CB-6 (0.38 ppm), CB-9 (260 ppm), W-14 (0.28 to 0.58 ppm), W-15 (0.27 ppm), W-17 (0.30 to 25 ppm), and W-18 (0.27 ppm).
- TCE. Borings CB-9, W-15 and W-18 yielded samples with between 0.56 and 7.4 ppm. The 5.5-ft depth sample from the 1984 excavation of Manhole No. 2 contained 0.66 ppm.

In addition to VOCs, eight soil samples from the boring for well W-23 were analyzed for 11 individual phenols in 1985. None of the samples contained phenols above the reporting limit of 10 ppm.

Site-Related Groundwater

VOCs in groundwater were first identified in 1984 during construction excavations near the USTs. The highest VOC concentrations were detected adjacent to the former waste acid and waste solvent USTs (Figure 4). Groundwater monitoring wells were installed in these source areas and in other areas of the Site in 1985 to assess the extent of the VOC plume.

Sampling of the wells in 1985 identified these maximum VOC concentrations in groundwater: 280 µg/L benzene (W-12); 11,000 µg/L 1,2-dichlorobenzene (W-13); 1,600 µg/L cis-1,2-DCE (W-18); 7,100 µg/L ethylbenzene (W-17); 3,400 µg/L total phenolic compounds (W-12); 1,800 µg/L 1,1,1-trichloroethane (W-14); 2,500 µg/L tetrachloroethene (W-13); 8,000 µg/L TCE (W-17); and 27,000 µg/L xylenes (W-14 and W-17). VOCs, primarily TCE, were detected in samples from wells screened in shallow groundwater and located within 400 feet eastward to southeastward (downgradient) of the USTs. No VOCs were detected in samples from deeper well W-23, which is screened from 49 to 64 ft bgs. Table 1 summarizes VOC concentrations in groundwater since the wells were installed.

Site-Related Soil Vapor Intrusion

No site-related soil vapor intrusion conditions exist on-site. No structures are present over impacted soil or groundwater, except for an unoccupied storage shed near well W-12.

Between 2001 and 2011, three remedial investigations included the collection of soil vapor samples to assess if VOCs were present in the vadose zone at concentrations that represented a source to groundwater. The following soil vapor investigations were performed after remedial activities had started on-site:

- In 2001, up to 1,300,000 micrograms per cubic meter ($\mu g/m^3$) TCE were detected near the former waste acid tanks. A conclusion in the investigation report stated that the soil vapor sampling, and subsequent soil and groundwater sampling, did not identify VOC sources in this area.

- In 2008, a maximum TCE concentration of 140,000 $\mu g/m^3$ was detected in an investigation of the former waste solvent UST near well W-18A. This concentration was detected in sample SB-D5, which was collected approximately 15 feet northeast of the UST.

- In 2011, a passive soil vapor investigation, using Gore Modules, was conducted beneath the western portion of the building slab foundation. No concentration data was collected. No VOC sources were identified.

Analytical data for these investigations are presented in Appendix D.

Underground Storage Tanks

Prior to remediation, there were eight USTs: two for fuel oil, three for waste acid, and three for waste solvent. The fuel oil and waste solvent USTs were located near the northeast side of the building, and the waste acid USTs were located near the acid neutralization system on the east side of the building (Figure 4).

1.4 SUMMARY OF REMEDIAL ACTIONS

The Site was remediated in accordance with the NYSDEC-approved *Remedial Action Plan,* dated November 1985; *Revised Remedial Action Plan,* dated January 1986; and *Quantitative Evaluation and Work Plan for Alternative Remedial Technologies,* dated January 2002.

The following is a summary of the Remedial Actions performed at the Site:

1. Removal of eight USTs that contained fuel oil, waste acid, and waste solvent between 1985 and 1990.

2. Excavation of impacted soil surrounding the fuel oil, waste solvent, and waste acid USTs during the UST removals. The volume of soil removed from these excavations, which was disposed of off-site, is not known.

3. Construction of a groundwater extraction and treatment system (GWETS) in 1986. The GWETS consisted of a total of over 900 feet of horizontal extraction piping in one upper and one lower trench, and two 2,000-pound granular activated carbon (GAC) vessels. It remediated approximately 45 million gallons of groundwater before NYSDEC approved its shutdown in 2002.

4. Excavation of approximately 250 cubic yards of soil to 13 ft bgs near well W-26D. The excavation was performed to remove soil that was suspected to contain elevated VOC concentrations.

5. Injection of Hydrogen Release Compound (HRC®) into the GWETS trenches in 2002 after the GWETS shutdown. Monitoring was performed through 2006 to assess if the injection enhanced the biodegradation of residual VOCs in groundwater.

6. Execution and recording of a second Deed Restriction to restrict land use and prevent future exposure to any contamination remaining at the Site.

7. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Deed Restriction, which includes plans for: (1) institutional and engineering controls, (2) monitoring, and (3) reporting.

Remedial activities were completed at the Site by 2006.

1.4.1 Removal of Contaminated Materials from the Site

Soil

For the purposes of this SMP, residual chemical concentrations in soil are compared to commercial and industrial soil cleanup objectives (SCOs) established in 6NYCRR 375-6.7(d) and shown in 6NYCRR Table 375-6.8(b).

Impacted soil was excavated and disposed of off-site during the removal of the USTs in 1986 and in 1990. Additionally, excavation of soil surrounding W-26 area was completed in 1992. The locations of these excavations are shown in Figure 4.

Underground Storage Tanks

The following USTs were removed from the Site:

- Three waste acid tanks in 1985;
- Two fuel oil tanks in 1990; and
- Three waste solvent tanks in 1990.

1.4.2 Site-Related Treatment Systems

Remediation at the Site included groundwater extraction and treatment (1986-2002), enhanced *in-situ* bioremediation using HRC® in 2002, and groundwater monitoring to assess the effectiveness of the enhanced biodegradation after 2002. The GWETS was decommissioned in 2012 and 2013. Documentation of the decommissioning is included as Appendix G.

Due to the overall low-permeability soil at the Site, two separate trenches (Figure 5) were used to extract groundwater and later to distribute HRC®:

- An upper T-shaped trench near the source area, 18 feet to 28 feet in depth and 130 feet in length; and
- A lower trench along the downgradient portion of the Site, 8 feet to 34 feet in depth and 768 feet in length.

The trenches were backfilled with gravel and capped with 4 feet of compacted clay. They contain six-inch-diameter perforated pipes, installed horizontally in the trenches, that directed groundwater to four sumps within the trenches. Sump SCP-1 (SUMP-1) is located in the upper trench, Sumps SCP-2 (SUMP-2) and SCP-3 (SUMP-3) are located in the lower trench, and Sump SCP-4 (SUMP-4) is located east of well W-18A near the upper trench. For maintenance purposes, 4-inch-diameter vertical cleanouts were installed at each end and at intervals of approximately 100 feet along the trenches. In addition to the trenches, recovery wells W-19 and W-26D were used to extract groundwater.

The extracted groundwater was pumped at combined total rates of 1 to 7 gallons per minute (gpm). The water was treated using two 2,000-pound GAC vessels prior to

discharge through a permitted State Pollutant Discharge Elimination System (SPDES) surface water outfall to the creek located on the east side of the property (Permit No. NY 006-1026; NYSDEC ID No. 3-1356-00081/00002). During GWETS operation between 1986 and 1990, VOC concentrations declined substantially in groundwater monitoring wells. TCE concentrations in the area upgradient of the trenches decreased from 3,300 µg/L in 1991 to 33 µg/L in 2002. NYSDEC approved shutdown of the GWETS in 2002 and the injection of HRC®.

To enhance bioremediation of VOCs at the Site via reductive dechlorination, approximately 700 gallons of HRC® and HRC® primer were injected on July 23 and 24, 2002, with 560 gallons of HRC® and 60 gallons of HRC® primer injected into the full length of the upper trench, and 72 gallons of HRC® and 8 gallons of HRC® primer injected into a section of the lower trench between cleanouts at ST-4 and ST-6. Monitoring from 2002 through 2006 showed that reducing conditions were created in groundwater at the Site. TCE and cis-1,2-DCE degradation was accelerated in the proximal areas downgradient of the trenches without a buildup of vinyl chloride. However, the overall effectiveness of the HRC® injection was limited by the low-permeability soil at the Site.

1.4.3 Remaining Contamination

Soil

No chemical concentrations detected in post-remediation soil samples are above commercial or industrial SCOs.

Groundwater

For the purposes of this SMP, residual chemicals in groundwater are compared to chemical-specific water quality standards established in 6 NYCRR §703.5. For the VOCs detected in groundwater samples collected from the Site in 2011 (Table 1), the standards are based on maximum contaminant levels (MCLs) for drinking water. In 2011, these VOCs were detected in groundwater samples above MCLs:

- Cis-1,2-DCE. Between 9.5 and 39 µg/L were detected in samples from wells W-8, W-19, W-26D and W-27, above the MCL of 5 µg/L. These wells are downgradient of Site sources, and the presence of cis-1,2-DCE is not indicative of a release of this chemical but rather of TCE biodegradation.

- TCE. Samples from 11 monitoring wells near the former USTs and east to southeast (downgradient) of these sources contained between 5.3 and 97 µg/L in 2011. The sample from well W-12 yielded the maximum concentration of 97 µg/L. When the well was resampled in December 2011, TCE was detected at 59 µg/L.
- Tetrachloroethene (PCE). A sample from well W-13, located downgradient of the former waste solvent USTs, contained 5.6 µg/L, above the MCL of 5 µg/L.
- Vinyl chloride. Samples from wells W-8 and W-27 contained between 2.3 and 5.8 µg/L, above the MCL of 2 µg/L. These wells are located more than 200 feet downgradient of the former waste solvent USTs. Vinyl chloride is a biodegradation product of cis-1,2-DCE.

Groundwater monitoring data since 1985 indicate that other chemicals that were initially detected in groundwater have attenuated to below applicable water quality standards. These chemicals include benzene; 1,2-dichlorobenzene; ethylbenzene; total phenolic compounds; 1,1,1-trichloroethane; and xylenes.

2.0 ENGINEERING AND INSTITUTIONAL CONTROL PLAN

2.1 INTRODUCTION

2.1.1 General

Since remaining contaminated groundwater exists beneath the Site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment. This Engineering and Institutional Control Plan describes the procedures for the implementation and management of all EC/ICs at the Site. The EC/IC Plan is one component of the SMP and is subject to revision by NYSDEC.

2.1.2 Purpose

This plan provides:

- A description of all EC/ICs on the Site;
- The basic implementation and intended role of each EC/IC;
- A description of the key components of the ICs set forth in the Deed Restriction;
- A description of the features to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of ICs, such as the implementation of the Excavation Work Plan for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Site; and
- Any other provisions necessary to identify or establish methods for implementing the ICs required by the site remedy, as determined by the NYSDEC.

2.2 ENGINEERING CONTROLS

2.2.1 Engineering Control Systems

2.2.1.1 Soil Cover

Exposure to remaining contamination in groundwater at the Site is prevented by a soil cover system placed over the Site. This cover system is comprised of existing soil, asphalt pavement, and concrete building slabs. The Excavation Work Plan that appears in Appendix A outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. Procedures for the inspection and maintenance of this cover are provided in the Monitoring Plan included in Section 4 of this SMP.

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when effectiveness monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.6 of NYSDEC DER-10.

2.2.2.1 Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

2.3 INSTITUTIONAL CONTROLS

A series of Institutional Controls is required to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit

the use and development of the Site to commercial or industrial uses only. Adherence to these Institutional Controls on the Site is required by the Deed Restriction and will be implemented under this Site Management Plan. These Institutional Controls are:

- Compliance with the Deed Restriction and this SMP by the Site property owner and the property owner's successors and assigns;
- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater, soil vapor and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
- Institutional Controls identified in the Deed Restriction may not be discontinued without an amendment to or extinguishment of the Deed Restriction.

The Site has a series of Institutional Controls in the form of Site restrictions. Adherence to these Institutional Controls is required by the Deed Restriction. Site restrictions that apply to the Controlled Property are:

- The property may only be used for commercial or industrial use provided that the long-term Institutional Controls included in this SMP are employed;
- The property may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Deed Restriction, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP;

- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- The potential for vapor intrusion must be evaluated for any buildings developed on the property, and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the property are prohibited;
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

2.3.1 Excavation Work Plan

The Site has been remediated for restricted commercial or industrial use. Any future intrusive work that will penetrate the soil cover or cap, or encounter or disturb the remaining contamination will be performed in compliance with the Excavation Work Plan (EWP) that is attached as Appendix A to this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the Site. Based on future changes to State and federal health and safety requirements, and specific methods employed by future contractors, the HASP and CAMP will be prepared and submitted with the notification provided in Section A-1 of the EWP. Any intrusive construction work will be performed in compliance with the EWP, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted under the Site Management Reporting Plan (See Section 5).

The Site owner and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for

the safe performance of all intrusive work, the structural integrity of excavations, proper disposal of excavation de-water, control of runoff from open excavations into remaining contamination, and for structures that may be affected by excavations (such as building foundations and bridge footings). The Site owner will ensure that Site development activities will not interfere with, or otherwise impair or compromise, the engineering or institutional controls or monitoring well network described in this SMP.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any enclosed structures located on the property, a soil vapor intrusion (SVI) evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. Alternatively, an SVI mitigation system may be installed as an element of the building foundation without first conducting an investigation. This mitigation system will include a vapor barrier and passive sub-slab depressurization system that is capable of being converted to an active system.

Prior to conducting an SVI investigation or installing a mitigation system, a work plan will be developed and submitted to the NYSDEC and NYSDOH for approval and to STC for review to ensure compliance with the Deed Restriction. This work plan will be developed in accordance with the most recent NYSDOH "Guidance for Evaluating Vapor Intrusion in the State of New York". Measures to be employed to mitigate potential vapor intrusion will be evaluated, selected, designed, installed, and maintained based on the SVI evaluation, the NYSDOH guidance, and construction details of the proposed structure.

Preliminary (unvalidated) SVI sampling data will be forwarded to STC for review and to the NYSDEC and NYSDOH for initial review and interpretation. Upon validation, the final data will be transmitted to the agencies and STC, along with a recommendation for follow-up action, such as mitigation. If any indoor air test results exceed NYSDOH guidelines, relevant NYSDOH fact sheets will be provided to all tenants and occupants of the property within 15 days of receipt of validated data.

SVI sampling results, evaluations, and follow-up actions will also be summarized in the next Periodic Review Report.

2.4 INSPECTIONS AND NOTIFICATIONS

2.4.1 Inspections

Inspections of all remedial components installed at the Site will be conducted at the frequency specified in the SMP Monitoring Plan schedule. A comprehensive site-wide inspection will be conducted biennially, regardless of the frequency of the Periodic Review Report schedule. The inspections will determine and document the following:

- Whether Engineering Controls continue to perform as intended;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Deed Restriction;
- Achievement of remedial performance criteria;
- Sampling and analysis of appropriate media during monitoring events;
- If Site records are complete and up to date; and
- Changes, or needed changes, to the remedial or monitoring system.

Inspections will be conducted in accordance with the procedures set forth in the Monitoring Plan of this SMP (Section 3). The reporting requirements are outlined in the Periodic Review Reporting section of this plan (Sections 3 and 5).

2.4.2 Notifications

Notifications will be submitted by the property owner to the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed changes in Site use that are required under the terms of the Consent Order #3-1152/8602 (Site Code 314067), 6NYCRR Part 375, and/or Environmental Conservation Law.
- 7-day advance notice of any proposed ground-intrusive activities pursuant to the Excavation Work Plan.

Any change in the ownership of the Site or the responsibility for implementing this SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Consent Order #3-1152/8602 (Site Code 314067), and all approved work plans and reports, including this SMP.
- Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing.

2.5 CONTINGENCY PLAN

Emergencies may include injury to personnel, fire or explosion, environmental release, or serious weather conditions.

2.5.1 Emergency Telephone Numbers

In the event of any environmentally related situation or unplanned occurrence requiring assistance the Owner or Owner's representative(s) should contact the appropriate party from the contact lists in Tables 2 and 3. For emergencies, appropriate emergency response personnel should be contacted. Prompt contact should also be made to Weiss Associates. These emergency contact lists must be maintained in an easily accessible location at the Site.

2.5.2 Map and Directions to Nearest Health Facility

Site Location: 91 All Angels Hill Road, Wappingers Falls, New York

Nearest Hospital Name: Vassar Brothers Hospital

Hospital Location: 45 Reade Place, Poughkeepsie, New York

Hospital Telephone: (845) 454-8500

Directions to the Hospital and a hospital route map are provided in Appendix F.

2.5.3 Response Procedures

As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency. The emergency telephone number list is found in Table 2. The list will also be posted prominently at the Site and made readily available to all personnel at all times.

3.0 SITE MONITORING PLAN

3.1 INTRODUCTION

3.1.1 General

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected Site media identified below. Monitoring of other Engineering Controls is described in Chapter 4, Operation, Monitoring and Maintenance Plan. This Monitoring Plan may only be revised with the approval of NYSDEC.

3.1.2 Purpose and Schedule

This Monitoring Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater and surface water);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater standards;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and
- Preparing the necessary reports for the various monitoring activities;
- To adequately address these issues, this Monitoring Plan provides information on;
- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g., well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Quality Assurance/Quality Control (QA/QC) requirements;

- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and
- Inspection and periodic certification once every 9 quarters.

Monitoring of the performance of the remedy and overall reduction in contamination on-site will be conducted once every 9 quarters. Monitoring of three domestic supply wells on adjacent properties will be conducted once every four-and-a-half years (i.e., once every 18 quarters). Trends in contaminant levels in groundwater in the affected areas will be evaluated to determine if the remedy continues to be effective in achieving remedial goals. Monitoring programs are summarized in Table 4 and outlined in detail in Section 3.2 below.

3.2 SOIL COVER SYSTEM MONITORING

The clean soil cover and paved areas will be inspected once every 9 quarters for evidence of erosion, earthwork, and groundwater seeps. The inspection results will be provided in the Periodic Review Report.

3.3 MEDIA MONITORING PROGRAM

Groundwater and surface water monitoring is required under the Site remedy. The monitoring program details are described in the following subsections.

3.3.1 Groundwater and Surface Water Monitoring

Groundwater and surface water monitoring will be performed on a periodic basis to assess the performance of the remedy.

The network of monitoring wells has been installed to monitor groundwater at and downgradient of the former source areas. The surface water sample location is downgradient of the groundwater plume. A figure of the monitoring well network is provided in Figure 6. A list of the monitored wells, including off-site domestic wells, is included on Table 4. The well construction details and logs are provided in Appendix E. The 2011 concentrations detected in groundwater samples from the existing wells are presented on Figure 7.

The sampling frequency may be modified with the approval NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

Deliverables for the groundwater monitoring program are specified below.

3.3.1.1 Sampling Protocol

All monitoring well sampling activities will be recorded in a field book and a groundwater-sampling log. Other observations (e.g., well integrity, etc.) will be noted on the well sampling log. The well sampling log will serve as the inspection form for the groundwater monitoring well network.

3.3.1.2 Monitoring Well Repairs, Replacement And Decommissioning

If biofouling or silt accumulation occurs in the on-site and/or off-site monitoring wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced (as per the Monitoring Plan), if an event renders the wells unusable.

Repairs and/or replacement of wells in the monitoring well network will be performed based on assessments of structural integrity and overall performance.

The NYSDEC will be notified prior to any repair or decommissioning of monitoring wells for the purpose of replacement, and the repair or decommissioning and replacement process will be documented in the subsequent periodic report. Well decommissioning without replacement will be done only with the prior approval of NYSDEC. Well abandonment will be performed in accordance with NYSDEC's "Groundwater Monitoring Well Decommissioning Procedures." Monitoring wells that are decommissioned because they have been rendered unusable will be reinstalled in the nearest available location, unless otherwise approved by the NYSDEC.

3.4 SITE-WIDE INSPECTION

Site-wide inspections will be performed on a regular schedule at a minimum of once every 9 quarters to coincide with the groundwater and surface water monitoring.

During these inspections, an inspection form will be completed (Appendix H). The form will compile sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General Site conditions at the time of the inspection;
- Compliance with schedules included in the Operation and Maintenance Plan; and
- Confirmation that Site records are up to date.

3.5 MONITORING QUALITY ASSURANCE/QUALITY CONTROL

- All sampling and analyses will be performed in accordance with the requirements and the procedures summarized below.
- Sampling Program:
  - Sample containers will be properly washed, decontaminated, and appropriate preservative will be added (if applicable) prior to their use by the analytical laboratory. Containers with preservative will be tagged as such.
  - Sample holding times will be in accordance with the NYSDEC ASP requirements.
  - Field QC samples (e.g., trip blanks, coded field duplicates, and matrix spike/matrix spike duplicates) will be collected as necessary.
  - Sample Tracking and Custody.
- Calibration Procedures:
  - All field analytical equipment will be calibrated immediately prior to each day's use. Calibration procedures will conform to manufacturer's standard instructions.
  - The laboratory will follow all calibration procedures and schedules as specified in USEPA SW-846 and subsequent updates that apply to the instruments used for the analytical methods.

- Preparation of a Data Usability Summary Report (DUSR), which will present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method.

3.6 MONITORING REPORTING REQUIREMENTS

Forms and any other information generated during regular monitoring events and inspections will be kept on file in Weiss Associates' office. All forms, and other relevant reporting formats used during the monitoring/inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the Periodic Review Report, as specified in the Reporting Plan of this SMP.

All monitoring results will be reported to NYSDEC in a letter-report following each monitoring event. The results will also be summarized in the next Periodic Review Report. Each letter-report will include, at a minimum, the following information:

- Date of event;
- Personnel conducting sampling;
- Description of the activities performed;
- Type of samples collected (e.g., groundwater, surface water);
- Copies of all field forms completed (e.g., well sampling logs, chain-of-custody documentation, etc.);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in the NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and

- A determination as to whether groundwater conditions have changed since the last reporting event.

Data will be reported in digital format only, and submitted to both the NYSDEC and New York State Department of Health (NYSDOH). A summary of the monitoring program deliverables are summarized in Table 5.

4.0 OPERATION AND MAINTENANCE PLAN

The Site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in this SMP.

5. INSPECTIONS, REPORTING AND CERTIFICATIONS

5.1 SITE INSPECTIONS

5.1.1 Inspection Frequency

All inspections will be conducted at the frequency specified in the schedules provided in Section 3 Monitoring Plan and Section 4 Operation and Maintenance Plan of this SMP. At a minimum, a site-wide inspection will be conducted once every 9 quarters.

5.1.2 Inspection Forms, Sampling Data, and Maintenance Reports

A general site-wide inspection form will be completed during the site-wide inspection (see Appendix H). These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including all media sampling data, generated for the Site during the reporting period will be provided in electronic format in the Periodic Review Report.

5.1.3 Evaluation of Records and Reporting

The results of the inspection and Site monitoring data will be evaluated as part of the EC/IC certification to confirm that the:

- EC/ICs are in place, are performing properly, and remain effective;
- The Monitoring Plan is being implemented;
- The Site remedy continues to be protective of public health and the environment.

5.2 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

After the last inspection of the reporting period, a qualified environmental professional will prepare the following certification. For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site management plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the Site is compliant with the Deed Restriction;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the SMP.
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Thomas Fojut, P.E. of Weiss Associates, 2200 Powell Street, Suite 925, Emeryville, California 94608, am certifying as Owner's Designated Site Representative.

The signed certification will be included in the Periodic Review Report described below.

5.3 PERIODIC REVIEW REPORT

The Periodic Review Report will include results of the Site Inspections and IC and EC Certification. The Periodic Review Report will be submitted to the Department

every three years, beginning after NYSDEC's written approval of this SMP and written request for the first PRR. In the event that the Site is subdivided into separate parcels with different ownership, a single Periodic Review Report will be prepared that addresses the Site described in Appendix B (Metes and Bounds). The report will be prepared in accordance with NYSDEC DER-10 and submitted within 45 days of the end of each certification period. Media sampling results will also incorporated into the Periodic Review Report. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the Site;
- Results of the required Site inspections and severe condition inspections, if applicable;
- All applicable inspection forms and other records generated for the Site during the reporting period in electronic format;
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends;
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format;
- A Site evaluation, which includes the following:
    - The compliance of the remedy pursuant to the Consent Order;
    - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;

- Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
- The overall performance and effectiveness of the remedy.

The Periodic Review Report will be submitted, in electronic format only, to the NYSDEC Regional Office in which the Site is located, the NYSDEC Central Office, and the NYSDOH Bureau of Environmental Exposure Investigation.

5.4 CORRECTIVE MEASURES PLAN

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a corrective measures plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the corrective measures plan until it is approved by the NYSDEC.

TABLES

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
001	01/06/94	<1	<1	2.4	<1	1	<1	<1	<1	1.3	<1	0.6
	03/02/94	1	1.8	4.5	<1	1.1	<1	<1	<1	1.1	<1	<1
	04/06/94	0.9	2	6.1	<1	1.2	<1	<1	<1	1	<1	<1
	05/04/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/01/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/06/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	08/03/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/07/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.1
	10/05/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/03/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/06/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/03/95	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	02/07/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/07/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/04/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/02/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/06/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/05/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	08/01/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/05/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/03/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/07/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/05/95	<1	<1	1.8	<1	<1	3.6	<1	<1	<1	<1	<1
	03/05/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/02/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/07/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/04/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/02/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	08/06/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/03/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/01/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/05/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/03/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/07/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	02/04/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/04/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/01/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/06/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/10/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/01/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	08/12/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/02/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/07/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/04/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/06/98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	02/03/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/09/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	04/07/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	05/05/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/02/98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/07/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	08/04/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/08/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	0.9
	10/06/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	11/03/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/07/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	01/05/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	02/02/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/15/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	04/06/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/14/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	10/05/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	11/02/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/07/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	01/04/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	02/08/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/07/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	1
	04/04/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	05/09/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/06/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	07/11/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
001	08/15/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/05/00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/03/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	11/07/00	<1	<1	---	---	<1	1	<1	<1	<1	<1	<1
	12/05/00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/02/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	02/06/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/06/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	04/03/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	05/08/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/05/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/03/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
	08/07/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/04/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/02/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	11/06/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	12/04/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/08/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	02/05/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/05/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/02/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/07/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	06/04/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/02/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CU-1 IN	03/14/91	<5	<5	---	<5	<5	57	<5	<5	<5	<5	<5
	06/25/91	<1	<1	---	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/91	0.5	0.8	---	---	2	90	<1	<1	1	<1	<1
	12/17/91	<1	<1	---	---	<1	40	<1	<1	<1	<1	<1
	03/24/92	<1	<1	---	---	0.7	18	<1	<1	1	<1	<1
	06/15/92	<1	<1	---	---	1.5	68	<1	<1	<1	<1	<1
	09/15/92	<1	0.7	---	---	1.7	140	<1	<1	<1	<1	<1
	12/18/92	<1	<1	3.1	<1	0.5	6.1	<1	<1	1.4	<1	<1
	03/26/93	3.8	<1	<3.8	<1	1.7	16	<1	<1	<1	<1	<1
	09/23/93	1.7	<1	12	<1	1.5	37	0.5	<1	<1	<1	<1
	03/31/94	<1	<1	<1	<1	<1	4.8	<1	<1	<1	<1	<1
	09/28/94	<1	<1	2.3	---	0.6	---	<1	---	<1	<1	<1
	09/28/94 FD	<1	<1	4.4	<1	1.2	27	2.8	<1	<1	<1	<1
	03/24/95	<2	<2	1.9	<2	<2	8.6	<2	<2	<2	<2	<2
	09/30/95	<1	<1	10	<1	<1	48	<1	<1	<1	<1	<1
	05/06/96	<1	<1	9	<1	<1	16	<1	<1	<1	<1	<1
	09/28/96	<1	<1	5.3	<1	<1	21	<1	<1	<1	<1	<1
	03/30/97	<1	<1	1.5	<1	<1	29	<1	<1	<1	<1	<1
	09/02/97	<1	<1	6.2	<1	<1	22	<1	<1	<1	<1	<1
	03/08/98	0.8	<1	---	---	<1	44	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	<1	33	<1	<1	1	<1	1
	03/14/99	<1	<1	---	---	0.7	31	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	<1	16	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	<1	9.3	<1	<1	<1	<1	3.1
	09/09/00	<1	<1	5.9	<1	<1	70	<1	<1	2.8	<1	<1
	03/31/01	<1	<1	---	---	<1	20	<1	<1	<1	<1	<1
	09/30/01	<1	<1	5.5	<1	<1	55	<1	<1	1.7	<1	<1
	03/10/02	<1	<1	2.7	<1	<1	23	<1	<1	1.2	<1	<1
	07/21/02	<1	<1	3.1	<1	<1	9.1	<1	<1	<1	<1	<1
CU-1 OUT	03/14/91	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/25/91	<1	<1	---	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	<1	<10	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	<1	<1	<1	1	<1	<1
	03/24/92	0.7	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/15/92	1.5	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/15/92	3	1.2	---	---	<1	<1	<1	<1	1.3	<1	<1
	12/18/92	1.7	<2.5	<1	<1	<1	<1	<1	<1	1.1	<1	<1
	03/26/93	0.9	<1	6	<1	1.2	2.6	<1	<1	1.3	<1	<1
	09/23/93	<1	<1	7.9	<1	1.2	1.6	<1	<1	1.6	<1	<1
	03/31/94	0.7	<1	5.8	<1	1.2	<1	<1	<1	0.8	<1	<1
	09/28/94	<1	<1	15	<1	2.3	<1	<1	<1	0.9	<1	<1
	03/24/95	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	09/30/95	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/06/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/28/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/30/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
CU-1 OUT	09/02/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/08/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	0.9
	03/14/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/09/00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/31/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/30/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/10/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/21/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CU-2 IN	09/30/95	<1	<1	<1	<1	<1	2.3	<1	<1	<1	<1	<1
CU-2 OUT	03/24/95	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	09/30/95	<1	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1
	05/06/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/28/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/30/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/02/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	0.8
	03/14/99	<1	<1	---	---	<1	2.1	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/09/00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/31/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/30/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/10/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/21/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
P-1	10/24/10[22]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
P-2	10/24/10[23]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
P-3	10/24/10[24]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SCE-1	10/24/10	0.34 J	<1	4.1	<1	<1	9.1	<1	1.0	<1	<1	<1
SCE-2	10/24/10	0.43 J	<1	4.5	<1	0.29 J	12	<1	0.74 J	<1	<1	<1
SCE-4	10/24/10	0.77 J	<1	8.0	<1	<1	16	<1	3.0	<1	<1	<1
SCE-8	10/24/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SCE-9	10/24/10[25]	<1	<1	1.9	<1	0.39 J	16	<1	<1	6.8	1.0	<1
SCE-11	10/24/10	6.5	<1	9.2	<1	<1	3.7	<1	7.9	<1	0.86 J	<1
SCP-1 (SUMP-1)	10/08/88	<5	<5	14	<5	<5	64	<5	<5	<5	---	<5
	10/09/88	0.8	<0.5	10	<5	1	31	<0.5	<0.5	0.9	---	<0.5
	02/25/89	0.8	<0.5	10	<0.5	1	31	<0.5	<0.5	0.9	---	<0.5
	05/26/89	<0.5	<0.5	14	<5	<5	120	<5	<5	<5	---	2000
	03/15/91	<5	<5	---	<5	<5	50	<5	<5	<5	<5	2000
	10/08/06	<1	<1	1	<1	<1	3.4	<1	<1	<1	<1	<2
	10/08/06 FD	<1	<1	1.1	<1	<1	0.98	<1	<1	<1	<1	<2
	04/27/07	<1	<1	1.2	<1	<1	8.9	<1	<1	1.5	<1	<1
	05/17/08	0.17 J	<1	0.6 J	<1	<1	8.6	0.12 J	<1	<1	0.21 J	<1
	07/19/09	<1	<1	0.7 J	<1	<1	8.9	<1	<1	1.5	<1	<1
	10/24/10	0.15 J	<1	1.7	<1	<1	6.3	<1	<1	0.49 J	<1	<1
	10/02/11	0.41 J	<0.12	3.2	<0.14	<0.19	18	<0.24	<0.15	1.1	0.47 J	<0.11
	12/08/11	0.43 J	<0.12	2.7	<0.14	<0.19	12	<0.24	<0.15	0.53 J	<0.19	<0.11
SCP-2 (SUMP-2)	10/08/88	<5	<5	<5	<5	<5	100	<5	<5	<5	---	<5
	10/10/88	<5	<5	<5	<5	<5	100	<5	<5	<5	---	<5
	02/25/89	0.5	<0.5	0.7	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	<0.5	<0.5	4.2	<0.5	1	35	<0.5	<0.5	<0.5	---	<0.5
	03/15/91	<5	<5	---	<5	<5	120	<5	<5	<5	<5	<5
	10/08/06	<1	<1	0.78	<1	<1	3.1	<1	<1	<1	<1	<2
	04/27/07	<1	<1	4.1	<1	<1	2.1	<1	<1	<1	<1	<1
	05/17/08	<1	<1	2.6	<1	0.35 J	16	<1	<1	<1	<1	<1
	07/19/09	0.26 J	<1	2.3	<1	<1	13	<1	<1	<1	<1	<1
	10/24/10	0.18 J	<1	1.2	<1	<1	6.2	<1	<1	<1	<1	<1
	10/02/11	0.19 J	<0.12	2.5	<0.14	<0.19	12	<0.24	<0.15	<0.14	<0.19	<0.11

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
SCP-3 (SUMP-3)	10/08/88	2.6	<0.5	7.2	<0.5	3.2	15	<0.5	<0.5	<0.5	---	<0.5
	02/25/89	<0.5	1	1.7	<0.5	1	3.8	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	1.7	<0.5	13	<0.5	2	49	<0.5	<0.5	<0.5	---	<0.5
	03/15/91	0.7	<0.5	---	0.95	1.4	14	<0.5	<0.5	<0.5	<0.5	<0.5
	11/09/93	<1	<1	4.8	<1	1	70	<1	<1	<1	<1	<1
	07/21/02	<1	<1	3.3	<1	<1	9.7	<1	<1	<1	<1	<1
	08/27/02	<1	<1	<1	<1	<1	1.8	<1	<1	<2	<1	<1
	08/27/02 FD	<1	<1	<1	<1	<1	1.2	<1	<1	<3	<1	<1
	09/29/02	<1	<1	<1	<1	<1	1.4	<1	<1	<4	<1	<1
	10/27/02	<1	<1	<1	<1	<1	0.55	<1	<1	<5	<1	<1
	10/27/02 FD	<1	<1	<1	<1	<1	0.72	<1	<1	<6	<1	<1
	01/19/03	<1	<1	<1	<1	<1	<1	<1	<1	<7	<1	<1
	01/19/03 FD	<1	<1	<1	<1	<1	<1	<1	<1	<8	<1	<1
	04/27/03	<1	<1	0.59	<1	<1	<1	<1	<1	<9	<1	<1
	04/27/03 FD	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1
	07/06/03	<1	<1	1	<1	<1	<1	<1	<1	<11	<1	<1
	01/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<12	<1	<1
	01/25/04 FD	<1	<1	<1	<1	<1	0.5 J	<1	<1	<13	<1	<1
	07/25/04	<2	<1	<1	<1	<1	<1	<1	<1	<14	<1	<1
	07/25/04 FD	<3	<1	<1	<1	<1	<1	<1	<1	<15	<1	<1
	04/25/05	<4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<16	<1.0	<20
	04/25/05 FD	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<17	<1.0	<20
	10/11/05	<6	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<18	<1.0	<20
	10/11/05 FD	<7	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<19	<1.0	<20
	04/30/06	<8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<0.5	<0.5
	04/30/06 FD	<9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<21	<0.5	<0.5
	10/09/06	<10	<1	<1	<1	<1	0.43 J	<1	<1	<22	<1	<2
	10/09/06 FD	<11	<1	<1	<1	<1	0.34 J	<1	<1	<23	<1	<2
	04/29/07	<12	<1	<1	<1	<1	<1	<1	<1	<24	<1	<1
	05/17/08	<13	<1	<1	<1	<1	0.24 J	<1	<1	<25	<1	<1
	07/19/09	<14	<1	<1	<1	<1	0.38 J	<1	<1	<26	<1	<1
	10/24/10	<15	<1	0.79 J	<1	<1	0.25 J	<1	<1	<27	<1	<1
	10/02/11	<0.11	<0.12	0.27 J	<0.14	<0.19	0.2 J	<0.24	<0.15	<0.14	<0.19	<0.11
SCP-4 (SUMP-4)	10/08/06	<1	<1	2.5	<1	<1	56	0.79	<1	<1	<1	<2
	04/29/07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/17/08	<1	<1	<1	<1	<1	0.2 J	<1	<1	<1	<1	<1
	07/19/09	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/24/10	0.30 J	<1	2.1	<1	<1	0.58 J	<1	<1	<1	<1	<1
	10/02/11	<0.11	<0.12	0.37 J	<0.14	<0.19	0.19 J	<0.24	<0.15	<0.14	0.81 J	<0.11
SVE4	11/27/01	<10	<10	75	<10	<10	600	<10	<10	<10	<10	<10
	11/27/01	<1	<1	5	<1	<1	98	<1	<1	<1	<1	<1
SVG2	11/06/01	<1	<1	3.5	<1	<1	55	<1	<1	<1	<1	<1
SVI6	11/06/01	2.9	<1	37	<1	0.8	2.8	<1	4.4	<1	<1	<1
SVL4	11/06/01	1	<1	28	<1	2.2	100	<1	<1	<1	<1	<1
SVL6	11/06/01	4	1.6	110	<1	3.4	28	1.8	23	<1	<1	<1
W-7	10/21/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/25/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/25/10 FD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
W-8	02/11/85	<5	<0.5	---	<5	99	600	<0.5	<0.5	<0.5	---	---
	10/14/01	<1	<1	7.5	<1	3.8	82	<1	<1	<1	<1	<1
	07/21/02	<1	<1	4.8	<1	2	75	<1	<1	<1	<1	<1
	08/27/02	<1	<1	4.1	<1	2.1	82	<1	<1	<1	<1	<1
	09/29/02	<1	<1	5	<1	1.9	68	<1	<1	<1	<1	<1
	10/27/02	<1	<1	4.6	<1	2.3	70	<1	<1	<1	<1	<1
	01/19/03	<1	<1	5.8	<1	2	79	<1	<1	<1	<1	<1
	04/27/03	<1	<1	19	<1	1.4	99	0.86	<1	<1	<1	<1
	07/06/03	<1	<1	12	<1	2.3	130	<1	<1	0.6 J	<1	0.6 J
	01/25/04	<1	<1	31	<1	1.7	B	<1	0.6 J	0.7 J	<1	<1
	01/25/04[1]	<10	<10	34	<10	<10	160	<10	<10	<10	<10	<10
	07/25/04	<1	<1	13	<1	<1	69	<1	<1	<1	<1	0.5
	04/25/05	<1	<1	19	<1	1.4	140	<1	<1	<2	<2	<40
	10/11/05	<0.5	<0.5	15	<0.5	<0.5	96	<0.5	1.6	<1	<1	<20
	04/30/06	<0.5	<0.5	12	<0.5	<0.5	79 E	<0.5	1.8	<0.5	<0.5	<0.5
	04/30/06[1]	<2.5	<2.5	12 D	<2.5	<2.5	85 D	<2.5	<2.5	<2.5	<2.5	<2.5
	10/09/06	<2	<2	20	<2	<2	95	<2	3.7	<2	<2	2.3 J
	04/29/07[3]	<1	<1	16	<1	<1	70	<1	4.1*	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-8	05/18/08[12]	0.70 J	0.28 J	19	0.14	0.53 J	75 D	<1	5	<1	<1	<1
	05/18/08 FD[13]	0.66 J	0.26 J	18	0.13 J	0.56 J	82 D	<1	4.8	<1	<1	<1
	07/19/09[19]	0.49 J	0.49 J	23	0.10 J	<1	55	<1	5.9	<1	<1	<1
	07/19/09 FD	0.45 J	0.52 J	23	<1	<1	55	<1	6.2	<1	<1	<1
	10/24/10[26]	0.61 J	0.87 J	30	0.19 J	<1	47 D	<1	4.6	<1	<1	<1
	10/02/11	0.54 J	0.55 J	39	0.16 J	<0.19	61	<0.24	5.8	<0.14	<0.19	<0.11
	11/08/12	0.67 J	0.70 J	39	<1.0	<1.0	60	<1.0	10	<1.0	<1.0	<1.0
W-9	11/25/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
W-10	02/11/85	<0.5	<0.5	---	<0.5	<0.5	4.5	<0.5	<0.5	<0.5	---	<0.5
	03/18/85	<0.5	<0.5	<0.5	<0.5	3.5	19	<0.5	<0.5	<0.5	---	<0.5
	07/16/85	<0.5	<0.5	<1	0.6	10	44	<0.5	<0.5	<0.5	---	---
	07/17/86	0.6	<0.5	<0.5	<0.5	12	100	<0.5	<0.5	1	---	<0.5
	03/06/87	2.4	<0.5	---	1.5	3.1	32	<0.5	<0.5	<0.5	---	<0.5
	06/08/87	<0.5	<0.5	1.8	<0.5	2.8	37	<0.5	<0.5	<0.5	---	<0.5
	09/19/87	<0.5	<0.5	<0.5	<0.5	0.7	13	<0.5	<0.5	<0.5	---	<0.5
	12/12/87	1.1	<0.5	0.8	<0.5	0.6	15	<0.5	<0.5	<0.5	---	<0.5
	03/26/88	<0.5	<0.5	---	<0.5	4.4	35	<0.5	<0.5	<0.5	---	<0.5
	06/25/88	<5	<5	---	<5	<5	86	<5	<5	<5	---	<5
	10/09/88	<0.5	<0.5	0.9	<0.5	2.2	32	<0.5	<0.5	<0.5	---	<0.5
	11/26/88	<0.5	<0.5	1.1	1.2	4.4	24	<0.5	<0.5	<0.5	---	<0.5
	02/25/89	<0.5	<0.5	1.1	<0.5	1.5	40	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	<0.5	<0.5	1.1	<0.5	2.3	21	<0.5	<0.5	<0.5	---	<0.5
	09/20/89	<1	<1	---	<1	<1	36	<1	<2	<1	---	<1
	12/13/89	<1	<1	<1	<1	3.6	26	<1	<2	<1	---	<4
	03/16/90	<1	<1	<1	<1	<1	24	<1	<2	<1	---	<4
	06/28/90	<0.5	<0.5	<0.5	<0.5	1.2	17	<0.5	<0.5	<0.5	---	---
	09/13/90	<0.5	<0.5	0.7	<0.5	1.2	35	<0.5	<0.5	<0.5	---	<0.5
	12/17/90	<0.5	<0.5	0.6	---	0.7	21	<0.5	<0.5	<0.5	---	<0.5
	03/14/91	<0.5	<0.5	---	<0.5	1.5	25	<0.5	<0.5	<0.5	<0.5	<0.5
	06/26/91	<1	<1	---	1	<1	37	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	1	39	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	14	<1	<1	4	<1	<1
	03/24/92	<1	<1	---	---	1	14	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	1.1	31	<1	<1	<1	<1	<1
	09/15/92	<1	0.6	---	---	1.2	32	<1	<1	<1	<1	<1
	12/18/92	<1	<2.5	0.8	<1	0.6	10	<1	<1	<1	<1	<1
	03/26/93	<1	<1	<1	<1	<1	11	<1	<1	<1	<1	<1
	09/23/93	<1	<1	<1	<1	<1	8.8	<1	<1	<1	<1	<1
	03/31/94	<1	<1	<1	<1	<1	6.3	<1	<1	<1	<1	<1
	09/28/94	<1	<1	<1	<1	<1	20	<1	<1	<1	<1	1
	03/24/95	<2	<2	<2	<2	<2	20	<2	<2	<2	<2	<2
	09/30/95	<1	<1	<1	<1	<1	24	<1	<1	<1	<1	<1
	05/06/96	<1	<1	<1	<1	<1	15	<1	<1	<1	<1	<1
	09/28/96	<1	<1	<1	<1	<1	14	<1	<1	<1	<1	<1
	03/30/97	<1	<1	<1	<1	<1	12	<1	<1	<1	<1	<1
	09/02/97	<1	<1	<1	<1	<1	28	<1	<1	<1	<1	<1
	03/08/98	<1	<1	---	---	<1	16	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	0.5 J	15	<1	0.9 J	<1	<1	0.8 J
	03/14/99	<1	<1	---	---	<1	17	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	<1	19	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	<1	6.6	<1	<1	<1	<1	1 J
	09/09/00	<1	<1	0.7	<1	<1	21	<1	<1	<1	<1	<1
	03/31/01	<1	<1	---	---	<1	4.5	<1	<1	<1	<1	<1
	09/30/01	<1	<1	<1	<1	<1	14	<1	<1	<1	<1	<1
	03/10/02	<1	<1	0.56	<1	<1	13	<1	<1	<1	<1	<1
	07/21/02	<1	<1	0.65	<1	<1	20	<1	<1	<1	<1	<1
	01/19/03	<1	<1	1.2	<1	<1	4.1	<1	<1	<1	<1	<1
	07/05/03	<1	<1	1.1	<1	<1	3.6	<1	<1	<1	<1	<1
	01/25/04	<1	<1	2.4	<1	<1	4.3	<1	<1	<1	<1	<1
	07/25/04	<1	<1	1.4	<1	<1	11	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	1.4	<0.5	<0.5	4.9	<0.5	<0.5	<1.0	<1.0	<20
	10/11/05	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<1.0	<1.0	<20
	04/30/06	<0.5	<0.5	0.55	<0.5	<0.5	3.9	<0.5	<0.5	<0.5	<0.5	<0.5
	04/30/06 [1]	<0.5	<0.5	0.53 RE	<0.5	<0.5	3.7 RE	<0.5	<0.5	<0.5	<0.5	<0.5
	10/08/06	<1	<1	0.46 J	<1	<1	3.1	<1	<1	<1	<1	<2
	04/29/07	<1	<1	<1	<1	<1	3.4	<1	<1	<1	<1	<1
	05/17/08	<1	<1	0.59 J	<1	<1	7.6	0.15 J	<1	<1	<1	<1
	07/19/09	<1	<1	0.28 J	<1	<1	2.4	<1	<1	<1	<1	<1
	10/24/10	<1	<1	0.34 J	<1	<1	2.7	<1	<1	<1	<1	<1
	10/02/11	<0.11	<0.12	0.19 J	<0.14	<0.19	1.9	<0.24	<0.15	<0.14	<0.19	<0.11

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-11	02/11/85	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/18/85	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	07/16/85	<0.5	<0.5	---	<0.5	2.3	---	<0.5	<0.5	<0.5	---	---
	07/15/86	<0.5	<0.5	<0.5	<0.5	8.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	10/09/88	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	---	<0.5
	10/14/01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/24/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
W-12	02/11/85	<5	<5	---	<5	47	1200	1900	<5	<5	---	---
	03/18/85	<1	<5	<0.5	<0.5	82	1500	2000	<0.5	<0.5	---	<0.5
	07/16/85	28	4.2	21	21	180	550	410	<0.5	<0.5	---	---
	07/21/86	14	3.5	340	<0.5	99	400	100	0.9	2.7	---	<0.5
	03/06/87	<5	<5	---	6	19	150	58	<5	<5	---	<5
	06/18/87	<5	<5	56	<5	8	120	180	<5	<5	---	<5
	09/19/87	<5	<5	130	<5	26	400	35	<5	<5	---	<5
	12/12/87	6	<5	63	<5	<5	360	<5	<5	<5	---	<5
	06/25/88	<5	<5	---	<5	<5	12	26	<5	<5	---	<5
	10/09/88	<5	<5	50	<5	6	120	15	<5	<5	---	<5
	11/26/88	<5	<5	46	<5	5	150	12	<5	<5	---	<5
	05/26/89	<5	<5	31	<5	<5	110	6.5	<5	<5	---	<5
	12/13/89	3.9	<1	31.3	<1	15	540	18	<2	<1	---	<4
	06/28/90	<5	<5	---	<5	6	170	7.5	<5	<5	---	---
	12/17/90	<5	<5	32	---	<5	140	9.2	<5	<5	---	<5
	06/25/91	3	<1	---	77	<1	150	28	<1	<1	<1	<1
	12/17/91	<10	<10	---	---	<10	140	<10	<10	<10	<10	<10
	06/15/92	1.9	<1	---	---	7.8	200	17	<1	<1	<1	<1
	12/18/92	1.8	<2.5	25	<1	5.2	120	13	<1	0.9	<1	<1
	03/31/94	1.5	<1	38	<1	4.5	160	13	<1	0.9	<1	<1
	09/27/94	1.1	<1	54	<1	4.8	280 D	25	<1	0.8 J	<1	<1
	03/24/95	1.1	1.9	33	<2	3.2	120 D	10	<2	<2	<2	<2
	09/30/95	<1	<1	30 D	<1	4.1	150 D	16	<1	<1	<1	<1
	05/06/96	<10	<10	45	<10	12	190	<10	<10	<10	<10	<10
	09/28/96	3.2	5.2	85	<1	<1	230	14	<1	7.2	<1	<1
	09/28/96 FD	3.1	5.1	---	<1	<1	---	---	<1	---	<1	<1
	03/30/97	<5	<5	58	14	16	180	<5	<5	<5	<5	<5
	09/02/97	<5	<5	41	<5	6.1	430	11	<5	<5	<5	<5
	03/07/98	0.9 J	<1	---	---	1.8	68 D	5.1	<1	<1	<1	<1
	09/27/98	1.9	<1	---	---	3.3	140 D	7.5	<1	0.8 J	<1	1.4
	09/27/99	1.3	<1	---	---	2.4	200 D	7.8	<1	0.8 J	<1	<1
	09/27/99 FD	1.2	<1	---	---	2.4	200 D	7.7	<1	0.8 J	<1	<1
	09/09/00	2.7	<1	44	0.7 J	5.6	270 D	9.2	<1	1	<1	<1
	09/30/01	1	<1	26	<1	2.2	250	5.9	<1	<1	<1	<1
	07/21/02	1.3	<1	22	<1	2.6	100 D	4.7	<1	<1	<1	<1
	08/27/02	2.1	<1	30	<1	4.2	190 D	7.5	<1	0.94 J	<1	<1
	09/29/02	2.1	<1	41	<1	4	270 D	6.8	<1	1.2	<1	<1
	10/27/02	<10	<10	47	<10	<10	250 D	6	<10	<10	<10	<10
	10/27/02 FD	2.1	<1	43	<1	3.5	250 D	5.5 JD	<1	1.4	<1	<1
	01/19/03	0.8 J	<1	11	<1	<1	68 D	1.9	<1	0.8 J	<1	0.6 J
	04/27/03	0.77	<1	7.2	<1	0.52	34	1.3	<1	0.87	<1	<1
	07/06/03	2.1	<1	7.5	<1	0.98 J	74	2.5	0.54 J	<1	<1	0.52
	01/25/04	<1	<1	5.1	<1	<1	31	1.2	<1	0.9 J	<1	<1
	07/25/04	<1	<1	4.9	<1	<1	37	0.8	<1	1.1	<1	<1
	04/25/05	0.7	<0.5	7.7	<0.5	1.7	34	1.4	<0.5	2.4	<1	<20
	10/11/05	<0.5	<0.5	3	<0.5	<0.5	48	1.5	<0.5	1.4	<1	<20
	04/30/06	0.9	<0.5	4.7	<0.5	1.3	26	1.3	<0.5	0.78	<0.5	<0.5
	10/09/06	2.4	0.28 J	18	<1	<1	23	1.6	2.2	0.34 J	<1	<2
	04/29/07	1.8	<1	7.2	<1	<1	19	1.2	<1	<1	<1	<1
	05/17/08[7]	3.9	0.15 J	14	<1	0.45 J	12	1.6	9.2	0.26 J	0.31	<1
	07/19/09	3.3	0.63 J	23	<1	<1	29	0.98 J	0.85 J	0.48 J	<1	<1
	10/24/10[27]	2.3	0.42 J	17	<1	<1	22	0.86 J	1.8	0.22 J	<1	0.19 J
	10/02/11	0.54 J	<0.12	3.8	<0.14	<0.19	97	3.8	0.65 J	0.71 J	<0.19	<0.11
	12/08/11	0.28 J	<0.12	1.6	<0.14	<0.19	59	1.8	0.36 J	0.52 J	<0.19	<0.11
	11/08/12	1.9	<0.72	9.3	<1.0	<1.0	17	1.3	23	<1.0	<1.0	<1.0
W-13	02/11/85	<50	<50	---	<50	<50	1100	2500	<50	<50	---	---
	03/18/85	59	15	540	47	310	750	870	<0.5	<5	---	<0.5
	07/16/85	60	11	670	<0.5	430	620	160	<0.5	<0.5	---	---
	07/23/86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/06/87	15	<5	---	<5	74	100	62	<5	<5	---	<5
	06/17/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	09/19/87	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	---	<0.5

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-13	12/12/87	44	<5	470	<5	94	160	12	6	<5	---	<5
	06/25/88	<50	<50	---	<50	<50	130	<50	<50	<50	---	<50
	10/09/88	30	<5	450	<5	25	160	16	<5	<5	---	<5
	11/26/88	32	<5	310	52	37	140	16	12	<5	---	<5
	05/26/89	24	<5	230	<5	42	120	16	14	<5	---	<5
	12/13/89	<1	4.2	262	<1	63	130	7.8	7.6	<1	---	<4
	06/28/90	15	<5	---	<5	25	62	<5	<5	<5	---	---
	12/17/90	18	<5	170	---	23	96	8	15	<5	---	<5
	06/25/91	40	<10	---	390	28	200	<10	<10	<10	<10	<10
	12/17/91	<10	<10	---	---	36	78	<10	<10	<10	<10	12
	06/15/92	15	5.4	---	---	40	79	17	24	<1	<1	<1
	12/18/92	12	<2.5	80	<1	16	50	12	4.3	1.5	<1	<1
	03/31/94	2.7	<1	24	<1	6.8	45	21	<1	0.5	<1	<1
	09/27/94	15	<1	140 D	<1	27	210 D	16	11	2.2	2.7	1.3
	03/24/95	8.3	58	81 D	<2	19	45	9.8	2.8	<2	2	<2
	09/30/95	<1	<1	160 D	<1	<1	58 D	20	<1	<1	<1	<1
	05/06/96	4.8	48	47	<1	14	36	13	<1	<1	<1	<1
	09/28/96	8.9	30	160	<1	<1	45	6.4	<1	12	<1	<1
	03/30/97	6.7	23	77	<1	17	25	6.4	<1	<1	<1	<1
	09/02/97	8.3	3.3	44	<1	16	32	5.3	<1	<1	2.4	<1
	03/07/98	4.1	<1	---	---	10	15	4	2.1	<1	2.3	<1
	09/27/98	8.2	1.9	---	---	10	30	5.2	3.4	<1	<1	1.2
	09/27/99	8.5	1.9	---	---	12	24	5	2.6	0.6 J	1.3	<1
	09/09/00	9.6	2.2	69	<1	12	30	4.6	3.4	<1	<1	<1
	09/30/01	6.9	4.7	59	<1	8.3	44	7	3.6	<1	<1	<1
	07/21/02	6	1.6	54	<1	6.4	35	7.2	3.1	<1	1.0	<1
	07/05/03	8.6	1.9	36	<1	9.3	39	5.3	4.5	<1	0.85	<1
	07/25/04	5.1	<1	67	<1	5.4	57	4.2	3.6	<1	<1	<1
	04/24/05	6.3	1.9	82	<0.5	6.7	59	3.2	5.5	<1	<1	<20
	10/11/05	1.1	<0.5	16	<0.5	1.1	30	8.6	<0.5	<1	3.1	<20
	04/30/06	4.8	1.9	43	<0.5	6.3	40	2.3	3.4	<0.5	<0.5	<0.5
	10/08/06	4.5	<1	80	<1	4.1	50	2.6	3.5	<1	<1	<2
	04/29/07	2.1	<1	27	<1	3.6	19	2.2	<1	<1	9.6	<1
	04/29/07 FD	2.1	<1	25	<1	3.7	19	2.2	<1	<1	8.8	<1
	05/18/08[11]	2.7	1.4	33	0.11 J	3.8	39	3.6	2.1	<1	15	<1
	07/19/09[18]	1.4	0.69 J	32	<0.1	1.5	36	3.7	1.2	<1	6.3	<1
	10/24/10[28]	1.7	0.62 J	28	<1	2.1	26	3.6	1.4	<1	6.9	<1
	10/02/11	0.12 J	<0.12	3	<0.14	<0.19	14	5.6	<0.15	<0.14	0.54 J	<0.11
W-14	06/25/91	52	<10	---	270	<10	190	44	24	<10	<1	<10
	12/17/91	23	<1	---	---	20	64	13	<1	6	<1	<1
	06/15/92	29	1	---	---	29	100	34	32	<1	<1	<1
	12/18/92	20	<2.5	40	<1	14	40	15	9.8	<1	<1	<1
	03/31/94	12	<1	34	<1	12	50	13	9.4	<1	11	<1
	09/27/94	26	<1	110	<1	13	72	24	19	<1	20	<1
	03/24/95	14	<2	22	<2	7.3	40	12	8.9	<2	5.7	<2
	09/30/95	<1	<1	52	<1	<1	46	<1	<1	<1	<1	<1
	05/06/96	4.2	<1	23	<1	2.8	24	5.3	<1	<1	<1	<1
	09/28/96	9.9	24	55	<1	<1	42	12	<1	<1	<1	<1
	03/30/97	<1	14	31	<1	<1	20	5	<1	<1	<1	<1
	09/02/97	<1	<1	5.2	<1	<1	6.4	1.3	<1	<1	<1	<1
	03/07/98	6	<1	---	---	0.8	17	3.1	1.2	<1	0.9	<1
	09/27/98	12	<1	---	---	0.9	12	5.4	4.2	<1	<1	0.9
	09/27/99	8.4	<1	---	---	<1	3.5	1	0.7	<1	<1	<1
	09/09/00	<1	1.2	4.9	<1	<1	7.5	<1	<1	<1	<1	<1
	09/30/01	8.8	<1	5.9	<1	<1	17	3.4	1.5	<1	<1	<1
	07/21/02	3.9	<1	5.3	<1	<1	11	2.5	0.92	<1	<1	<1
	07/05/03	3.1	<1	8.1	<1	0.65 J	19	3.5	1.2	<1	<1	<1
	07/25/04	2.3	<1	12	<1	<1	20	2.6	<1	<1	<1	<1
	04/24/05	1.7	<0.5	12	<0.5	0.6	18	2.4	1.3	<1	<1	<20
	10/11/05	1.4	<0.5	8.6	<0.5	<0.5	14	2.5	0.8	<1	5.1	<20
	04/30/06	0.83	<0.5	6.3	<0.5	0.56	14	1.9	<0.5	<0.5	<0.5	<0.5
	04/30/06[1]	0.86 RE	<0.5	6.4 RE	<0.5	0.57 RE	14 RE	1.9 RE	<0.5	<0.5	<0.5	<0.5
	10/08/06	0.87 J	<1	10	<1	<1	17	2.1	0.82	<1	<1	<2
	04/29/07	<1	<1	6.6	<1	<1	12	1.6	<1	<1	2.3	<1
	05/17/08[6]	0.8 J	0.3 J	6.7	<1	0.73 J	15	2.3	0.85 J	<1	2.5	<1
	07/19/09[16]	0.40 J	<1	5.8	<1	<1	14	0.92 J	0.41 J	<1	0.72 J	<1
	10/24/10[29]	0.56 J	0.13 J	6.6	<1	0.25 J	12	1.2	<1	<1	1.6	<1
	10/02/11	0.22 J	<0.12	4.9	<0.14	<0.19	12	1.1	0.28 J	<0.14	0.41 J	<0.11

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-15	10/25/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
W-16	10/25/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.48 J	<1
W-18A	12/18/90	<50	<50	2800	---	150	1700	58	190	<50	---	<50
	03/15/91	<50	<50	---	<50	910	3300	290	430	<50	<50	1.2
	06/26/91	<100	<100	---	3400	560	2200	120	390	<100	<100	<100
	09/23/91	<50	30	---	---	400	1300	140	350	<50	<50	<50
	12/17/91	<10	<10	---	---	110	300	180	<10	<10	<10	<10
	03/24/92	7	5	---	---	120	290	120	3	2	<1	<1
	06/15/92	10	9	---	---	93	250	92	<10	<10	<10	<10
	09/15/92	11	4	---	---	57	200	58	8	<10	<10	13
	12/18/92	20	<25	800	<10	200	730	90	100	7	<10	<10
	03/26/93	30	20	950	1.1	480	1100	80	50	<1	<1	<1
	09/23/93	8.4	5.6	200	<10	180	89	63	<10	<10	<10	<10
	03/31/94	0.5	<1	24	<1	19	28	32	<1	<1	<1	<1
	09/27/94	0.9	<1	49	<1	39	44.0	20.0	<1	<1	<1	<1
	03/24/95	5.3	4.5	100 D	<2	60 D	90 D	<2	2.4	1.9	<2	<2
	09/30/95	<20	<20	240 D	<20	56 D	170 D	<20	<20	<20	<20	<20
	05/06/96	<10	<10	96	<10	41	62	26	<10	<10	<10	<10
	09/28/96	12	6.6	300	<1	<1	98	11	<1	<1	<1	<1
	03/30/97	<20	<20	300	<20	50	130	<20	<20	<20	<20	<20
	09/02/97	33	<10	350	<10	29	95	<10	<10	<10	<10	<10
	03/07/98	5.3	2.5	---	---	10	48	5.8	19	<1	<1	<1
	09/27/98	8.1	2.1	---	---	7.5	34	3	18	<1	<1	0.8 J
	03/14/99	6.1	1.3	---	---	5.5	36	3.7	9.4	<1	<1	<1
	03/14/99 FD	6.6	1.5	---	---	6.3	40	4.1	11	<1	<1	<1
	09/27/99	14	1.7	---	---	6.2	49	5.2	20	<1	<1	<1
	03/18/00	6.9	1.4	---	---	7.1	43	7.4	14	<1	<1	<1
	09/09/00	7.2	1.3	<1	78	3.9	34	5.8	15	<1	<1	<1
	03/31/01	2.8	<1	---	---	10	28	15	1.2	<1	<1	<1
	09/30/01	8.9	1.1	84	<1	8.7	44	7.8	7.1	<1	<1	<1
	03/10/02	4.1	1.2	57	<1	4.8	32	3.9	9.2	<1	<1	<1
	07/21/02	5.9	1	65	<1	2.8	33	7.1	10	<1	<1	<1
	08/27/02	19	3.5	550 D	1.4	2.6	73 D	8.9	31	<1	<1	<1
	09/29/02	16	3.7	390 D	1.4	2	42	8.0	22	<1	<1	<1
	10/27/02	13	3	240 D	1	1.4	32	5.9	12	<1	<1	<1
	01/20/03	3.4	0.8 J	54	<1	12	29	14	1.2	<1	<1	<1
	04/27/03	4.7	1.3	51	<1	9.5	27	15	<1	<1	<1	<1
	07/06/03	12	1.1	55	<1	3.9	26	11	8.6	<1	<1	<1
	01/25/04	9.7	<2	120	<1	5.3	28	8.6	5.6	<1	<1	<1
	01/25/04[1]	10	1.2	B	<2	5.9	28	8.9	7.2	<2	<2	<2
	07/25/04	3.7	<1	46	<1	7.9	20	4.1	<1	<1	<1	<1
	04/25/05	5.3	1	87	<0.5	6.1	30	12	4.6	<1	<1	<20
	10/11/05	0.6	<0.5	14	<0.5	0.9	9.5	1.3	<0.5	<1	<1	<20
	04/30/06	<0.5	1.2	26	<0.5	3.2	20	9.2	0.98	<0.5	<0.5	<0.5
	10/09/06	2.6	1.3	71	<1	2.9	24	4.7	4.3	<1	<1.0	<2
	04/29/07	1.5	<1	32 E	<1	3.5	21 E	5	1.1 *	<1	<1	<1
	09/22/07	4.2 J	<5	69 D	<5	<5	11 D	<5	13 D*	<5	<5	<5
	04/25/08	<5	<5	87 D	<5	<5	43 D	<5	<5	<5	<5	<5
	10/11/08	5.4	2.6	89 D	0.43 J	0.92 J	17	0.46 J	12	<1	<1	<1
	04/17/09[20]	3	2.6	110	0.37 J	3.3	44	4.4	7.7	<1	<1	<1
	10/20/09	3.7	4.7	130 E	0.65 J	3.8	51	1.7	24	<1	<1	<1
	10/25/10	2.7	3.6	120 D	0.57 J	3.2	50	4.3	16	<1	<1	<1
	10/25/10 FD	2.7	3.9	130 D	0.60 J	3.5	52	4.5	16	<1	<1	<1
	10/02/11	<0.11	<0.12	2.5	<0.14	<0.19	5.3	1.5	<0.15	<0.14	<0.19	<0.11
	11/08/12	0.55 J	0.69 J	34	<1.0	<1.0	25	2.0	2.4	<1.0	<1.0	<1.0
W-19	07/17/85	23	9	620	<0.5	350	1500	<0.5	50	<0.5	---	---
	10/17/85	21	9	---	7	240	1500	<5	40	<5	---	---
	07/21/86	26	13	---	2.6	160	810	<0.5	<0.5	<0.5	---	---
	12/02/87	<20	<20	300	<20	<20	850	<20	<20	<20	---	<20
	10/09/88	<50	<50	330	<50	60	1800	<50	<50	<50	---	<50
	09/13/90	<50	<50	150	<50	<50	1500	<50	<50	<50	---	<50
	12/17/90	<50	<50	150	<50	<50	1200	<50	<50	<50	---	<50
	03/14/91	<50	<50	---	<50	<50	660	<50	<50	<50	<50	<50
	06/25/91	<100	<100	---	300	33	1600	<100	<100	<100	<100	<100
	09/23/91	<10	<10	---	---	28	1200	<10	<10	<10	<10	<10
	12/17/91	4.9	2.6	---	---	20	240	<10	0.5	3.4	<10	<10
	03/24/92	8	4.7	---	---	26	270	<1	4.5	4.2	<1	<1
	06/15/92	<10	<10	---	---	32	1500	<10	<10	<10	<10	<10
	09/15/92	7	8.1	---	---	29	1100	<1	<1	3.3	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-19	12/18/92	<10	<25	190	<10	30	800	<10	<10	<10	<10	<10
	03/26/93	7	<2.5	220	<1	34	990	<1	<1	<1	<1	<1
	09/23/93	9.9	7.9	290	<10	35	710	<10	12	<10	<10	<10
	10/06/93	8 J	<10	250	<10	36	570	<10	<10	<10	<10	45 B
	11/03/93	<50	<50	310 D	<50	39 J	790 D	<50	<50	<50	<50	71 D
	12/01/93	15	<1	340 D	<1	<1	960 D	<1	15	36	<1	<1
	01/06/94	13	11	250 D	<1	46	660 D	2.2	<1	4.3	<1	<1
	02/02/94	11	11	320 D	<1	38	900 D	0.8 J	<1	4.8	<1	<1
	03/02/94	11	14	350	<10	40	900 D	<10	12	6	<10	5 B
	03/31/94	9	<10	330	<10	35	1000	<10	7.3	6	<10	<10
	04/06/94	11	14	410 D	<10	35	1100 D	<10	15	<10	<10	<10
	05/04/94	13	<1	300 D	<1	39	830 D	<1	13	3.6	<1	<1
	06/01/94	<100	<100	320	<100	<100	1000	<100	<100	<100	<100	<100
	07/06/94	<100	<100	430	<100	33 J	1200 D	<100	<100	<100	<100	98 J
	08/03/94	10	11	340	<10	35	820 D	<10	<10	8 J	<10	<10
	09/07/94	11	16	550 D	<1	43	1000 D	<1	<1	3.7	<1	3.1 B
	09/29/94	13	<10	580	<10	55	1400 D	<10	<10	13.0	<10	<10
	10/05/94	8.8	<10	360 D	<10	51	1000 D	<10	<10	9	<10	<10
	11/03/94	<10	<10	30	<10	5	830 D	<10	<10	<10	<10	<10
	12/06/94	14	3.6	360 D	<1	31	700 D	1.1	13	3.8	<1	<1
	01/03/95	<1	<1	290	<1	<1	810	<1	<1	<1	<1	<1
	02/07/95	10	<1	350	<1	33	730	<1	<1	15	<1	16
	03/07/95	9.6	14	330	<1	31	870	<1	5	13	<1	<1
	03/24/95	<2	<2	290 D	<2	29	860 D	<2	<2	14	<2	<2
	04/04/95	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	05/02/95	7.4	10	230	<1	28	830	<1	<1	3.7	<1	<1
	06/06/95	<1	3.2	120	<1	17	370	<1	<1	<1	<1	<1
	07/05/95	<100	<100	<100	200	<100	<100	<100	<100	<100	<100	<100
	08/01/95	<50	<50	300	<50	<50	1100	<50	<50	<50	<50	<50
	09/05/95	<10	<10	210	<10	<10	300	<10	<10	<10	<10	<10
	09/30/95	<20	<20	300 D	<20	31 D	600 D	<20	<20	<20	<20	<20
	10/03/95	<10	<10	270 D	<10	<10	650 D	<10	<10	<10	<10	<10
	11/07/95	<10	11	200	<10	22	560	<10	<10	<10	<10	<10
	12/05/95	<1	13	260 D	<1	23	590 D	<1	<1	<1	<1	<1
	03/05/96	6.4	5.5	150	<1	25	520	<1	<1	3	<1	15
	04/02/96	<10	<10	370	<10	48	990	<10	<10	<10	<10	<10
	05/06/96	<20	<20	210	<20	34	370	<20	<20	<20	<20	<20
	05/07/96	8.6	12	76	2.9	28	128	<1	<1	3.3	<1	<1
	06/04/96	<10	16	260	<10	36	650	<10	<10	<10	<10	<10
	07/02/96	<10	<10	150	<10	29	490	<10	<10	<10	<10	<10
	08/13/96	13	<10	230	<10	23	480	<10	<10	<10	<10	<10
	09/03/96	<25	<25	390	<25	<25	670	<25	<25	<25	<25	<25
	09/28/96	7	9.7	140	<1	21	110	<1	<1	<1	<1	<1
	10/01/96	10	4.7	550	<1	30	250	<1	<1	<1	<1	<1
	11/05/96	8.6	5.8	350	<1	22	560	<1	4.3	<1	<1	<1
	12/03/96	<1	<1	<1	<1	<1	110	<1	<1	<1	<1	<1
	01/07/97	<10	<10	300	<10	18	540	<10	<10	<10	<10	<10
	02/04/97	<20	<20	420	<20	21	670	<20	<20	<20	<20	<20
	03/04/97	320	220	<20	<20	100	1000	<20	<20	<20	<20	<20
	03/30/97	<10	12	440	<10	47	700	<10	<10	12	<10	<10
	04/01/97	<20	<20	410	<20	42	530	<20	<20	<20	<20	<20
	05/06/97	<20	<20	360	<20	54	570	<20	<20	<20	<20	<20
	06/10/97	<20	<20	500	<20	52	740	<20	<20	<20	<20	<20
	07/01/97	<20	<20	370	<20	33	620	<20	<20	<20	<20	<20
	08/12/97	<20	<20	190	<20	<20	590	<20	<20	<20	<20	<20
	09/02/97	<20	<20	210	<20	<20	770	<20	<20	<20	<20	<20
	10/07/97	<20	<20	220	<20	21	810	<20	<20	<20	<20	<20
	11/04/97	<20	<20	260	<20	<20	760	<20	<20	<20	<20	<20
	01/06/98	<20	<20	280	<20	<20	610	<20	<20	<20	<20	<20
	02/03/98	9.9	6.2	---	---	19	450 D	<1	7.7	<1	<1	<1
	03/08/98	8.7	5.8	---	---	17	580 D	<1	9.5	<1	<1	<1
	03/31/98	7.7	5.2	---	---	16	380 D	<1	7.1	2.4	<1	<1
	04/07/98	9.4	6.7	---	---	19	360 D	<1	8.6	2.7	<1	<1
	05/05/98	6.2	4.4	---	---	16	370 D	<5	4.9	<5	<5	<5
	06/02/98	8.9	5.6	220 D	<1	17	360 D	<1	8.2	<1	<1	<1
	07/07/98	6.2	3.8	---	---	12	310 D	<1	4	<1	<1	<1
	08/04/98	7.2	4.5	---	---	16	440 D	<1	3	<1	<1	<1
	09/08/98	6.9	4.2	---	---	15	310 D	<1	<1	<1	<1	<1
	09/27/98	7	4.2	---	---	17	470 D	<1	<1	<1	<1	<1
	09/27/98 FD	6.8	2.5	---	---	17	440 D	<1	<1	<1	<1	<1
	10/06/98	7.3	4.6	---	---	15	370 D	<1	2.2	2	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-19	11/03/98	7.3	4.8	---	---	14	380 D	<1	5.6	1.8	<1	<1
	12/07/98	0.8 J	<1	---	---	3.2	340 D	<1	<1	0.8 J	<1	<1
	01/05/99	7.5	4.1	---	---	13	360 D	<1	1.6	<1	<1	<1
	02/02/99	<2	<2	---	---	2	220 D	<2	<2	<2	<2	<2
	03/14/99	9.5	4.9	---	---	17	400 D	<1	5.7	2.3	<1	<1
	03/15/99	9.8	6.2	---	---	20	390 D	<5	7.5	<5	<5	<5
	04/06/99	<1	<1	---	---	1.7 J	150 J	<2	<1	<1	<1	<1
	05/04/99	<2	<2	---	---	2.6	210 D	<2	<2	<2	<2	<2
	06/08/99	1 J	<1	---	---	2	170 D	<1	<1	<1	<1	<1
	07/06/99	10	7.6	---	---	22	200 D	<2	4.4	3.1	<2	<2
	08/10/99	<2	<2	---	---	2 J	180 D	<2	<2	<2	<2	<2
	09/14/99	7	4.2	---	---	14	380 D	<1	1.9	1.7	<1	<1
	09/27/99	4.2	3	---	---	9.4	270 D	<1	2.8	1.8	<1	<1
	10/05/99	5.7	5	---	---	14	320 D	<5	<5	5 J	<5	<5
	11/02/99	7	5	---	---	17	410 D	<5	5 J	<5	<5	<5
	12/07/99	7.5	4.6	---	---	14	360 D	<1	3.4	<1	<1	<1
	01/04/00	<2	<2	---	---	2.5	180 D	<2	<2	19	<2	<2
	02/08/00	7.2	3.8 J	---	---	14	380 D	<5	5.1	3.1 J	<5	<5
	03/07/00	<2	<2	---	---	2 J	180 D	<2	<2	5.5	<2	<2
	03/18/00	7.4	5 J	---	---	16	330 D	<5	7	<5	<5	<5
	03/18/00 FD	7.6	5.3	---	---	16	170 D	<2	7.2	2.8	<2	<2
	04/04/00	8	4.8 J	---	---	18	380 D	<5	5 J	<5	<5	<5
	05/09/00	8.1	4.7	---	---	15	370 D	<5	7.1	<5	<5	<5
	06/06/00	8.5	5.5	---	---	17	380 D	<5	7	<5	<5	<5
	07/11/00	4.3 J	2.8 J	---	---	15	370 D	<5	<5	<5	<5	<5
	08/15/00	7.4	4.6 J	---	---	17	410 D	<5	4.6 J	2.8 J	<5	<5
	09/05/00	<2	<2	10	<2	1.4 J	170 D	<2	<2	<2	<2	<2
	09/09/00	8.3	5.1	270 D	1.1	16	430 D	<1	5.4	2.8	<1	<1
	10/03/00	8	<5	---	---	17	420 D	<5	5.4	<5	<5	<5
	11/07/00	8	6	---	---	18	340 D	<5	<5	<5	<5	<5
	12/05/00	7	3.5	180 D	<1	11	220 D	<1	3.2	<1	<1	<1
	01/02/01	<1	1.3	---	---	1.9	36	<1	<1	<1	<1	<1
	02/06/01	7.4	<5	---	---	21	360 D	<5	<5	<5	<5	<5
	03/06/01	7	6	---	---	14	260 D	<5	<5	<5	<5	<5
	03/31/01	3	1.2	---	---	4.5	160 D	<1	<1	<1	<1	<1
	04/03/01	4	2.1	---	---	7.4	130 D	<2	<2	35	<2	<2
	05/08/01	6.6	<5	230	<5	15	320 D	<5	<5	<5	<5	<5
	06/05/01	5	<5	210	<5	13	140 D	<5	<5	<5	<5	<5
	07/03/01	5.2	2.2	200	<2	9.5	230	<2	<2	2.5	<2	<2
	08/07/01	<5	<5	140	<5	10	340	<5	<5	9.4	<5	<5
	09/04/01	<5	<5	150	<5	9.4	280	<5	<5	<5	<5	<5
	09/30/01	5.1	5.8	280	<1	10	390	<1	2.6	1.8	<1	<1
	10/02/01	6	5.2	270	<5	14	400	<5	<5	<5	<5	<5
	11/06/01	4.9	4.1	220	<1	9.8	320	<1	1.5	<1	<1	<1
	12/04/01	4.5	2.1	230	3.1	8	300	<1	0.73 J	<1	<1	<1
	01/08/02	2.6	1.3	170	<1	5.1	190	<1	<1	0.6 J	<1	<1
	02/05/02	6.7	3.9 J	280	<5	16	300 D	<5	3.6 J	4.5 J	<5	<5
	03/05/02	3.1	<2	120	<2	4	100 D	<2	<2	1.2 J	<2	<2
	04/02/02	5.1	2.6	180	<2	8.3	240 D	<2	1.4	2.8	<2	<2
	05/07/02	6	3	120 D	1.2	9.4	130 D	<1	1.7	0.56 J	<1	<1
	06/04/02	3.2	1	130 D	0.55 J	3.7	110 D	<1	0.5 J	2.2	<1	<1
	07/02/02	3.8 J	<5	170	<5	12	280 D	<5	<5	<5	<5	<5
	07/21/02	5.4	4	140 D	0.54 J	9.9	210 D	<1	2.7	1.8	<1	<1
	08/27/02	2.3	1.1	61 D	<1	4.2	140 D	<1	<1	1.5	<1	<1
	09/29/02	2.4	1.2	93 D	<1	3.8	180 D	<1	0.51 J	1.1	<1	<1
	10/27/02	2	1.2 J	60	<2	3.8	160 D	<2	<2	1.4 J	<2	<2
	01/19/03	1.9	1.4	57	<1	3.5	130 D	<1	0.8 J	1.4	<1	<1
	04/27/03	1.9	1.3	64	<1	4.5	110	<1	1.2	0.98	<1	<1
	07/06/03	1	<1	15	<1	2.4	98	<2	<1	0.95 J	<1	0.6 J
	01/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/25/04	2.2	0.9 J	63	<1	4.5	99	<1	1.2	<1	<1	<1
	04/25/05	1.3	<1	41	<1	2.3	110	<1	1.7	<2	<2	<40
	10/11/05	0.8	0.7	28	<0.5	2	84	0.7	1	<1	<1	<20
	04/30/06	<0.5	<0.5	7.1	<0.5	1.1	33	0.76	<0.5	0.57	<0.5	<0.5
	10/09/06	1.1	0.74 J	34	<1	<1	96	0.85 J	1.0	0.47 J	<1	<2
	04/29/07	<1	<1	5.8	<1	1	24	<1	<1	<1	<1	<1
	05/17/08[8]	0.93 J	0.42 J	14	<1	1.8	44 D	1.1	0.68 J	0.64 J	0.65 J	<1
	07/19/09[17]	0.32 J	0.33 J	12	<1	0.93 J	56	0.80 J	0.59 J	0.31 J	0.88 J	<1
	10/25/10	0.48 J	0.27 J	8.4	<1	0.98 J	41	0.89 J	0.27 J	0.54 J	0.70 J	<1
	10/02/11	0.45 J	0.22 J	10	<0.14	0.8 J	29	0.45 J	0.83 J	0.32 J	0.31 J	<0.11

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-20	07/17/85	21	10	740	<0.5	290	5300	<0.5	<0.5	<0.5	---	---
	10/17/85	29	<5	---	13	280	6400	<5	<5	<5	---	---
	07/21/86	0.8	0.8	29	<0.5	7.2	990	1.4	<0.5	1.9	---	<0.5
	03/06/87	<50	<50	---	<50	<50	3400	<50	<50	<50	---	<50
	06/17/87	<50	<50	290	<50	<50	3300	<50	<50	<50	---	<50
	09/19/87	<50	<50	420	<50	70	5600	<50	<50	<50	---	<50
	12/12/87	<50	<50	<50	<50	<50	540	<50	<50	<50	---	<50
	06/25/88	<50	<50	---	<50	<50	850	<50	<50	<50	---	<50
	10/09/88	<50	<50	<50	<50	<50	2100	<50	<50	<50	---	<50
	11/26/88	<50	<50	<50	<50	<50	1000	<50	<50	<50	---	<50
	05/26/89	<5	<5	<5	<5	<5	280	<5	<5	<5	---	<5
	12/13/89	<1	<1	30.1	<1	5.1	2200	<1	<2	<1	---	<4
	06/28/90	<50	<50	---	<50	<50	1100	<50	<50	<50	---	---
	12/17/90	<50	<50	<50	---	<50	880	<50	<50	<50	---	<50
	06/25/91	<10	<10	---	27	<10	1200	<10	<10	<10	<10	<10
	12/17/91	<1	<1	---	---	<1	40	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	3.8	1200	<1	<1	1.5	<1	<1
	12/18/92	<1	<2.5	14	<1	2.4	550	<1	<1	<1	<1	<1
	03/31/94	<1	<1	<1	<1	<1	69	<1	<1	<1	<1	<1
	09/27/94	0.9 J	<1	210 D	<1	5.6	1200 D	1.7	<1	1.2	<1	<1
	03/24/95	<2	3.3	42	<2	1.9	1600 D	<2	0.7 J	1.3	<2	<2
	09/30/95	<50	<50	100	<50	<50	1100 D	<50	<50	<50	<50	<50
	05/06/96	<50	<50	<50	<50	<50	420	<50	<50	<50	<50	<50
	09/28/96	2.1	7	100	<1	<1	740	<1	<1	4	<1	<1
	03/30/97	<20	<20	66	<20	<20	1400	<20	<20	<20	<20	<20
	09/02/97	<10	<10	150	<10	17	1500	<10	<10	<10	<10	<10
	03/07/98	<1	<1	---	---	1.5	530 D	<1	<1	<1	<1	<1
	09/27/98	<20	<20	---	---	<20	640 D	<20	<20	<20	<20	<20
	09/27/99	<1	0.5 J	---	---	2	690 D	<1	<1	0.7 J	<1	<1
	09/09/00	0.8 J	0.8 J	45	<1	2.9	670 D	<1	<1	1	<1	<1
	09/30/01	<10	<10	120	<10	<10	880	<10	<10	<10	<10	<10
	07/21/02	1.4	1.3	81	<1	3.8	1100 D	<1	<1	1.7	<1	<1
	08/27/02	<1	<1	11	<1	0.54 J	600 D	<1	<1	0.74 J	<1	<1
	09/29/02	<1	0.57 J	150 D	<1	0.62 J	160 D	<1	<1	2.5	<1	<1
	10/27/02	<1	<1	3.2	<1	<1	8.5	<1	<1	<1	<1	<1
	01/19/03	<1	<1	15	<1	<1	47	<1	<1	0.9 J	<1	<1
	04/27/03	<1	<1	6.5	<1	<1	68	<1	<1	1.8	<1	<1
	07/06/03	<1	<1	5.8	<1	<1	84	<1	<1	2.9	<1	0.64 J
	01/25/04	<1	<1	8.2	<1	<1	49	<1	<1	0.6 J	<1	<1
	07/25/04	<1	<1	3.6	<1	<1	47	<1	<1	1J	<1	<1
	04/25/05	<0.5	<0.5	5.6	<0.5	<0.5	74	0.5	0.8	<1	<1	<20
	10/11/05	<0.5	<0.5	1.7	<0.5	<0.5	20	<0.5	<0.5	<1	<1	<20
	04/30/06	<0.5	<0.5	2.4	<0.5	<0.5	32	<0.5	<0.5	<0.5	<0.5	<0.5
	10/09/06	<1	0.26 J	8.1	<1	<1	37	<1	1.6	<1	<1	<2
	04/29/07	<1	<1	5.8	<1	<1	25	<1	1.5 *	<1	<1	<1
	05/18/08[9]	0.29 J	0.31 J	8.3	<1	<1	27	0.22 J	2.7	<1	<1	<1
	07/19/09	<1	<1	2.7	<1	<1	19	0.22 J	1.6	<1	<1	<1
	10/24/10[30]	0.35 J	<1	6.2	<1	<1	6.4	<1	11	<1	<1	<1
	10/02/11	<0.11	<0.12	0.81 J	<0.14	<0.19	8	<0.24	1.1	<0.14	<0.19	<0.11
W-21	07/24/85	<0.5	<0.5	2	<0.5	0.5	60	4.9	<0.5	0.6	---	---
	10/17/85	<0.5	<0.5	---	0.9	<0.5	38	1.5	<0.5	<0.5	---	---
	07/17/86	<0.5	<0.5	<0.5	<0.5	<0.5	120	2.2	<0.5	<0.5	---	<0.5
	03/06/87	<0.5	<0.5	---	<0.5	<0.5	93	4	<0.5	<0.5	---	<0.5
	06/17/87	<0.5	<0.5	13	<0.5	1.9	73	1.8	<0.5	<0.5	---	0.6
	09/19/87	<0.5	<0.5	19	<0.5	<0.5	60	<0.5	0.8	7	---	<0.5
	12/12/87	<5	<5	8	<5	<5	89	<5	<5	<5	---	<5
	06/25/88	<5	<5	---	<5	<5	68	<5	<5	<5	---	<5
	10/09/88	<0.5	<0.5	2.5	<0.5	<0.5	36	<0.5	<0.5	<0.5	---	<0.5
	11/26/88	<0.5	<0.5	5.4	<0.5	<0.5	25	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	<0.5	<0.5	4.9	<0.5	<0.5	38	0.7	<0.5	<0.5	---	<0.5
	06/28/90	<0.5	<0.5	---	<0.5	<0.5	25	<0.5	<0.5	<0.5	---	---
	12/17/90	<0.5	<0.5	1.7	---	<0.5	17	<0.5	<0.5	<0.5	---	<0.5
	06/25/91	<1	<1	---	4	<1	<1	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	14	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	<1	69	<1	<1	<1	<1	<1
	12/18/92	<1	<1	<1	<1	<1	14	<1	<1	<1	<1	<1
	03/31/94	<1	<1	1.4	<1	<1	22	<1	<1	<1	<1	<1
	09/28/94	<1	<1	1.8	<1	<1	36	0.7	<1	0.6	<1	<1
	03/24/95	<2	<2	1.8	<2	<2	27	<2	<2	<2	<2	<2
	09/30/95	<1	<1	<1	<1	<1	17	<1	<1	<1	<1	<1
	05/06/96	<1	<1	2.3	<1	<1	20	<1	<1	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
W-21	09/28/96	<1	<1	4.4	<1	<1	22	<1	<1	<1	<1	<1
	03/30/97	<1	<1	1.1	<1	<1	12	<1	<1	<1	<1	<1
	09/02/97	<1	<1	1.3	<1	<1	20	<1	<1	<1	<1	<1
	03/07/98	<1	<1	---	---	<1	7	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	<1	13	<1	<1	<1	<1	1.7
	09/27/99	<1	<1	---	---	<1	11	<1	<1	<1	<1	<1
	09/09/00	<1	<1	1.4	<1	<1	19	<1	<1	<1	<1	<1
	09/30/01	<1	<1	<1	<1	<1	18	<1	<1	<1	<1	<1
	07/21/02	<1	<1	1.2	<1	<1	29	<1	<1	<1	<1	<1
	08/27/02	<1	<1	1.1	<1	<1	12	<1	<1	<1	<1	<1
	09/29/02	<1	<1	1.9	<1	<1	15	<1	<1	<1	<1	<1
	10/27/02	<1	<1	2.4	<1	<1	15	0.58	<1	<1	<1	<1
	01/20/03	<1	<1	31	<1	<1	1.7	<1	<1	<1	<1	<1
	04/27/03	<1	<1	15	<1	<1	11	<1	0.55	<1	<1	<1
	07/06/03	<1	<1	7.2	<1	<1	9.8	<1	1.4	<1	<1	0.83 J
	01/25/04	<1	<1	6.9	<1	<1	16	<1	0.7 J	<1	<1	<1
	07/25/04	<1	<1	3.4	<1	<1	10	<1	<1	<1	<1	<1
	04/25/05	<0.5	<0.5	3.1	<0.5	<0.5	16	<0.5	0.9	<1	<1	<20
	10/11/05	<0.5	<0.5	2.3	<0.5	<0.5	15	<0.5	<0.5	<1	<1	<20
	04/30/06	<0.5	<0.5	1.7	<0.5	<0.5	15	<0.5	<0.5	<0.5	<0.5	<0.5
	10/09/06	<1	<1	3.3	<1	<1	21	0.27 J	0.56	<1	<1	<2
	04/27/07[4]	<1	<1	2	<1	<1	16	<1	<1	<1	<1	<1
	05/17/08[5]	0.24 J	<1	<1	<1	0.25 J	22	0.29 J	0.18 J*	0.37 J*	<1	<1
	07/19/09[14]	0.22 J	<1	2	<1	<1	15	0.18 J	0.16 J	<1	<1	<1
	10/24/10[31]	0.25 J	<1	2.7	<1	<1	26	0.40 J	0.16 J	0.26 J	<1	<1
	10/02/11	0.19J	<0.12	2.3	<0.14	<0.19	18	0.31 J	<0.15	0.19 J	<0.19	<0.11
W-22	07/24/85	<0.5	<0.5	---	<0.5	0.9	29	<0.5	<0.5	<0.5	---	---
	10/17/85	<0.5	<0.5	---	0.5	<0.5	48	0.5	<0.5	<0.5	---	---
	07/17/86	<0.5	<0.5	0.8	<0.5	<0.5	70	1	<0.5	0.7	---	<0.5
	05/05/87	<0.5	<0.5	---	<0.5	<0.5	6.9	<0.5	<0.5	<0.5	---	<0.5
	10/09/88	<0.5	<0.5	<0.5	<0.5	<0.5	35	<0.5	<0.5	<0.5	---	<0.5
	09/20/89	<1	<1	---	<1	<1	22	<1	<2	<1	---	<4
	07/05/03	<1	<1	4.4	<1	1	19	<1	<1	<1	<1	<1
	01/25/04	<1	<1	12	<1	<1	15	<1	<1	<1	<1	<1
	07/25/04	<1	<1	11	<1	<1	20	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	14	<0.5	<0.5	28	<0.5	1.1	<1	<1	<20
	10/11/05	<0.5	<0.5	11	<0.5	<0.5	24	<0.5	0.9	<1	<1	<20
	04/30/06	<0.5	<0.5	5.6	<0.5	<0.5	22	<0.5	1.4	<0.5	<0.5	<0.5
	04/30/06[1]	<0.5	<0.5	5.6 RE	<0.5	<0.5	23 RE	<0.5	1.4 RE	<0.5	<0.5	<0.5
	10/08/06	<1	<1	10	<1	<1	21	<1	2.7	<1	<1	<2
	04/29/07	<1	<1	11	<1	<1	22	<1	4.3 *	<1	<1	<1
	05/18/08[10]	0.13 J	<1	2.5	<1	0.25 J	25	0.18 J	<1	0.45 J	<1	<1
	07/19/09[15]	0.16 J	<1	3.4	<1	<1	23	0.14 J	0.17 J	0.20 J	<1	<1
	10/24/10[32]	0.16 J	<1	3.5	<1	<1	20	<1	0.33 J	0.15 J	<1	<1
	10/02/11	0.12 J	<0.12	3.6	<0.14	<0.19	22	<0.24	0.5 J	0.16 J	<0.19	<0.11
W-23	10/24/10	0.30 J	<1	0.84 J	<1	<1	0.31 J	<1	<1	<1	0.23 J	<1
W-24	07/17/86	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	2.2	---	<0.5
	03/06/87	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	06/18/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	09/19/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	12/12/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/26/88	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	06/25/88	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	10/08/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	11/26/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	02/25/89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	09/20/89	<1	<1	---	<1	<1	<1	<1	<2	<1	---	<4
	12/13/89	<1	<1	<1	<1	<1	<1	<1	<2	<1	---	<4
	03/16/90	<1	<1	<1	<1	<1	<1	<1	<2	<1	---	<4
	06/28/90	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---
	09/13/90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	12/18/90	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/14/91	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/25/91	<1	<1	---	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/24/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
	09/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
W-24	12/18/92	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/26/93	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/05/03	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	10/11/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	04/30/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/08/06	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
	04/29/07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/17/08	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/19/09	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/24/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/02/11	<0.11	<0.12	<0.14	<0.14	<0.19	<0.09	<0.24	<0.15	<0.14	<0.19	<0.11
W-25	07/15/86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/06/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	06/18/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	09/19/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	12/12/87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/26/88	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	06/25/88	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	10/08/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	11/26/88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	02/25/89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	05/26/89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	09/20/89	<1	---	<1	<1	<1	<1	<1	<2	<1	---	<4
	12/13/89	<1	<1	<1	<1	<1	<1	<1	<2	<1	---	<4
	03/16/90	<1	<1	<1	<1	<1	<1	<1	<2	<1	---	<4
	06/28/90	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---
	09/13/90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	12/17/90	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	03/14/91	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/25/91	<1	<1	---	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/24/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/18/92	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/26/93	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/21/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/19/03	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/05/03	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.58 J
	01/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	10/11/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	04/30/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/08/06	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
	04/29/07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/17/08	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/19/09	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/24/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/02/11	<0.11	<0.12	<0.14	<0.14	<0.19	<0.09	<0.24	<0.15	<0.14	<0.19	<0.11
W-26	03/14/91	<50	<50	---	<50	<50	530	<50	<50	<50	<50	<50
	06/25/91	<1	<1	---	71	11	890	<1	<1	<1	<1	<1
	09/23/91	3	1	---	---	21	840	<1	2	2	<1	<1
	12/17/91	<1	<1	---	---	7	180	<1	<1	17	<1	<1
W-26	03/24/92	2	0.7	---	---	9	200	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	10	750	<1	<1	<1	<1	<1
W-26C	09/15/92	1.7	4.4	---	---	7.6	380	<1	<1	1.6	<1	<1
	12/18/92	<1	<1	11	<1	11	71	<1	<1	<1	<1	<1
	03/26/93	1.3	<2.5	24	<1	3.3	250	<1	<1	<1	<1	<1
	09/23/93	<10	4.3	27	<10	<10	400	<10	<10	<10	<10	<10
W-26D	12/02/87	<20	<20	<20	<20	<20	310	<20	<20	<20	---	<20
	09/15/92	2	6.2	---	---	7.3	430	<1	<1	1.8	<1	<1
	12/18/92	0.5	<2.5	2.9	<1	2	41	<1	<1	<1	<1	<1
	03/26/93	1.3	<2.5	13	<1	3.1	290	<1	<1	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
	09/23/93	1.2	<1	13	<1	5.7	370	1.8	<1	1.4	<1	<1
W-26D	10/06/93	<1	6.4	30 D	<1	<1	530 D	<1	8.8	23	<1	<1
	11/03/93	1	3.7	23	<1	4.4	400	1	<1	0.9 J	<1	1.5
	11/09/93	0.8 J	<1	17	<1	4.5	360 D	0.8 J	<1	0.8 J	<1	<1
	12/01/93	0.9 J	<1	<1	<1	<1	690 D	<1	<1	3	<1	3.4 B
	01/06/94	1.3	<1	24	<1	5	340 D	1.2	<1	1.1	<1	<1
	02/02/94	0.8 J	1.6	8.2	<1	3.1	250 D	1.6	<1	0.8 J	<1	<1
	03/02/94	<10	<10	10	<10	<10	250 D	<10	<10	<10	<10	<10
	03/31/94	<1	<1	7.9	<1	0.8	47	<1	<1	<1	<1	<1
	04/06/94	0.5 J	1.2	11	<1	1.4	200 D	<1	<1	<1	<1	<1
	05/04/94	<10	<10	16	<10	<10	370	<10	<10	<10	<10	<10
	06/01/94	<10	<10	19	<10	<10	480 D	<10	<10	9 J	<10	<10
	07/06/94	<10	<10	34	<10	6 J	520	<10	<10	<10	<10	<10
	08/03/94	<10	1.1	1	26	<10	500 D	<10	<10	<10	<10	<10
	09/07/94	1.1	2.2	29	<0.01	5.9	760 D	<0.01	<1	1.1	<0.01	1.4 B
	09/29/94	<10	<10	20	<10	<10	330 D	<10	<10	<10	<10	<10
	10/05/94	<10	<10	29	<10	<10	670	<10	<10	<10	<10	<10
	11/03/94	<10	<10	<10	<10	<10	480 D	<10	<10	<10	<10	12 B
	12/06/94	<1	<1	9.5	<1	<1	350 D	<1	<1	2	<1	<1
	01/03/95	<1	2.5	<1	<1	3.5	270	<1	<1	1.3	<1	<1
	02/07/95	<1	<1	18	<1	<1	390	<1	<1	9	<1	<1
	03/07/95	<1	1.4	16	<1	2.2	260	<1	<1	<1	<1	<1
	03/24/95	<2	<2	19	<2	<2	310 D	<2	<2	5 J	<2	<2
	04/04/95	<10	<10	9 J	<10	<10	270	<10	<10	<10	<10	<10
	05/02/95	0.6	1.5	20	<1	3.8	410	1.9	<1	1	<1	<1
	06/06/95	<1	16	<1	<1	2.1	440	<1	<1	<1	<1	<1
	07/05/95	<10	<10	<10	<10	<10	400	<10	<10	<10	<10	<10
	08/01/95	<10	<10	28	<10	<10	680	<10	<10	<10	<10	<10
	09/05/95	<10	<10	19	<10	<10	410	<10	<10	<10	<10	<10
	09/30/95	<1	<1	18	<1	<1	180	<1	<1	<1	<1	<1
	10/03/95	<1	<1	21	<1	<1	290 D	<1	<1	<1	<1	<1
	11/07/95	<10	<10	17	<10	<10	340	<10	<10	<10	<10	<10
	12/05/95	<1	<1	7.1	<1	<1	150	<1	<1	<1	<1	<1
	03/05/96	1.1	<1	15	<1	3.6	190	<1	<1	<1	<1	<1
	04/02/96	<10	<10	15	<10	<10	220	<10	<10	<10	<10	<10
	05/06/96	1.1	<1	19	<1	2.7	220	<1	<1	<1	<1	<1
	05/07/96	<1	1.6	11	<1	2.8	95	<1	<1	<1	<1	<1
	06/04/96	<10	<10	43	<10	<10	670	<10	<10	<10	<10	<10
	07/02/96	<10	<10	18	<10	<10	340	<10	<10	<10	<10	<10
	08/06/96	<10	<10	16	<10	<10	210	<10	<10	<10	<10	<10
	09/03/96	<25	<25	<25	<25	<25	350	<25	<25	<25	<25	<25
	09/28/96	1.4	1.6	37	<1	<1	290	2.5	<1	2.4	<1	<1
	10/01/96	<1	<1	30	<1	1.7	250	<1	<1	<1	<1	<1
	11/05/96	<1	<1	27	<1	2.4	280	<1	<1	<1	<1	<1
	12/03/96	8.3	4.6	330	<1	17	530	<1	<1	<1	<1	<1
	01/07/97	<10	<10	18	<10	<10	230	<10	<10	<10	<10	<10
	02/04/97	<20	<20	20	<20	<20	220	<20	<20	<20	<20	<20
	03/04/97	<20	<20	<20	<20	<20	470	<20	<20	<20	<20	<20
	03/30/97	<5	5	85	<5	15	170	<5	<5	<5	<5	<5
	04/01/97	<5	<5	<5	<5	<5	25	<5	<5	<5	<5	<5
	05/06/97	<20	<20	<20	<20	<20	170	<20	<20	<20	<20	<20
	06/10/97	<20	<20	27	<20	<20	360	<20	<20	<20	<20	<20
	07/01/97	<20	<20	25	<20	<20	360	<20	<20	<20	<20	<20
	08/12/97	<20	<20	<20	<20	<20	420	<20	<20	<20	<20	<20
	09/02/97	<20	<20	29	<20	<20	370	<20	<20	<20	<20	<20
	09/02/97 FD	<20	<20	<20	<20	<20	370	<20	<20	<20	<20	<20
	10/07/97	<20	<20	27	<20	<20	650	<20	<20	<20	<20	<20
	11/04/97	<20	<20	24	<20	<20	380	<20	<20	<20	<20	<20
	01/06/98	<20	<20	<20	<20	<20	220	<20	<20	<20	<20	<20
	02/03/98	<1	<1	---	---	0.8 J	170 D	<1	<1	<1	<1	<1
	03/08/98	<1	<1	---	---	0.8 J	150 D	<1	<1	<1	<1	<1
	03/08/98 FD	<1	<1	---	---	1	150 D	<1	<1	<1	<1	<1
	03/31/98	<1	<1	---	---	0.9 J	120 D	<1	<1	1.4	<1	<1
	04/07/98	<1	<1	---	---	1	98 D	<1	<1	<1	<1	<1
	05/05/98	<1	<1	---	---	1.2	140 D	<1	<1	<1	<1	<1
	06/02/98	0.7 J	<1	15	<1	2.2	200 D	<1	<1	<1	<1	<1
	07/07/98	0.6 J	<1	---	---	1.4	160 D	<1	<1	<1	<1	<1
	08/04/98	<2	<2	---	---	1.4 J	140 D	<2	<2	<2	<2	<2
	09/08/98	7.6	4.8	---	---	18	420 D	<5	<5	<5	<5	<5
	09/27/98	0.7 J	<1	---	---	1.9	160 D	<1	<1	0.6 J	<1	<1
	10/06/98	0.9 J	0.5 J	---	---	3	240 D	<1	<1	0.7 J	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
	11/03/98	0.6 J	<1	---	---	1.4	190 D	<1	<1	<1	<1	<1
W-26D	12/07/98	7.2	4	---	---	14	560 D	<1	1.6	2	<1	<1
	01/05/99	<1	<1	---	---	<1	99 D	<1	<1	<1	<1	<1
	02/02/99	5.8	4.3 J	---	---	14	490 D	<5	3.2 J	<5	<5	<5
	03/14/99	0.6 J	<1	---	---	1.5	190 D	<1	<1	<1	<1	<1
	03/15/99	<2	<2	---	---	1.8 J	210 D	<2	<2	<2	<2	<2
	04/06/99	8.2	5	---	---	16	470 D	<1	5.5	<5	<5	<5
	05/04/99	9.6	6	---	---	20	440 D	<5	6.2	5	<5	<5
	06/08/99	9.5	6.8	---	---	19	310 D	<1	7.7	<1	<1	<1
	07/06/99	<2	<2	---	---	2.8	230 D	<2	<2	<2	<2	<2
	08/10/99	6.6	5 J	---	---	15	400 D	<5	<5	<5	<5	<5
	09/14/99	1 J	<1	---	---	2.7	270 D	<1	<1	1 J	<1	<1
	09/27/99	0.7 J	<1	---	---	1.9	190 D	<1	<1	0.5 J	<1	<1
	11/02/99	<2	<2	---	---	2.2	190 D	<2	<2	<2	<2	<2
	12/07/99	1 J	<1	---	---	2.1	190 D	<1	<1	1 J	<1	<1
	02/08/00	1.1 J	<2	---	---	2.8	180 D	<2	<2	6.4	<2	<2
	03/07/00	6.9	5 J	---	---	15	350 D	<5	<5	5 J	<5	<5
	03/18/00	<2	<2	---	---	2 J	120 D	<2	<2	2.1	<2	2 J
	04/04/00	<2	<2	---	---	2.1	200 D	<2	<2	2.1	<2	<2
	05/09/00	<2	<2	---	---	2.1	190 D	<2	<2	2.7	<2	<2
	06/06/00	<2	<2	---	---	2.1	190 D	<2	<2	2.7	<2	<2
	07/11/00	<2	<2	---	---	<2	140 D	<2	<2	<2	<2	<2
	08/15/00	<2	<2	---	---	1.7 J	160 D	<2	<2	<2	<2	<2
	09/05/00	7.6	5.3	240	<5	16	370 D	<5	3.9 J	2.6 J	<5	<5
	09/09/00	0.7 J	<1	16	<1	1.6	130 D	<1	<1	0.7 J	<1	<1
	09/09/00 FD	0.7 J	<1	15	<1	1.6	160 D	<1	<1	0.6 J	<1	<1
	10/03/00	<2	<2	---	---	2.4	200 D	<2	<2	<2	<2	<2
	11/07/00	<2	<2	---	---	2	210 D	<2	<2	<2	<2	<2
	12/05/00	<0.9	<1	17	<1	2	180 D	<1	<1	<1	<1	<1
	01/02/01	<1	<1	---	---	<1	21	<1	<1	<1	<1	<0.5
	02/06/01	<5	<5	---	---	<5	240 D	<5	<5	<5	<5	<5
	03/06/01	<1	<2	---	---	2.6	220 D	<2	<2	<2	<2	<2
	03/31/01	<1	<1	---	---	1.4	120 D	<1	<1	<1	<1	<1
	04/03/01	<2	<2	---	---	<2	140 D	<2	<2	<2	<2	<2
	05/08/01	<2	<2	20	<2	2.5	200 D	<2	<2	<2	<2	<2
	06/05/01	<2	<2	20	<2	2.4	200 D	<2	<2	<2	<2	<2
	07/03/01	<2	<2	18	<2	2.2	190	<2	<2	<2	<2	<2
	08/07/01	<2	<2	20	<2	2.5	190	<2	<2	<2	<2	<2
	09/04/01	<2	<2	17	<2	3.1	250	<2	<2	<2	<2	<2
	09/30/01	<1	<1	14	<1	2.4	250	<1	<1	<1	<1	<1
	10/02/01	<2	<2	28	<2	3.6	220	<2	<2	<2	<2	<2
	11/06/01	0.95 J	<1	17	<1	2.4	190	<1	<1	<1	<1	<1
	12/04/01	1.2	<1	21	<1	3.1	250	<1	<1	<1	<1	<1
	01/08/02	1.2	<1	23	<1	3.7	230	<1	<1	0.86 J	<1	<1
	02/05/02	<5	<5	26	<5	4.9 J	260 D	<5	<5	<5	<5	<5
	03/05/02	1.2 J	<2	19	<2	3.9	220 D	<2	<2	<2	<2	<2
	04/02/02	<2	<2	12	<2	1.4 J	130 D	<2	<2	<2	<2	<2
	05/07/02	1.1 J	<2	18	<2	2.6	220 D	<2	<2	<2	<2	<2
	06/04/02	0.78 J	<1	13	<1	1.7	140 D	<1	<1	<1	<1	<1
	07/02/02	<2	<2	17	<2	1.9 J	160 D	<2	<2	<2	<2	<2
	07/21/02	<5	<5	27	<5	3.9 J	330 D	<5	<5	<5	<5	<5
	07/21/02 FD	1.1	<1	19	<1	2.5	250 D	<1	<1	0.65 J	<1	<1
	08/27/02	0.54	<1	12	<1	0.95	110 D	<1	<1	<1	<1	<1
	09/29/02	0.56 J	<1	13	<1	0.88 J	93 D	<1	<1	<1	<1	<1
	10/27/02	<1	<1	11	<1	<1	37	<1	<1	<1	<1	<1
	01/19/03	<1	<1	12	<1	0.7 J	68 D	<1	<1	<1	<1	<1
	04/27/03	<1	<1	10	<1	0.62	48	<1	<1	<1	<1	<1
	07/06/03	<1	<1	7.7	<1	0.93 J	110	<1	<1	0.54 J	<1	0.57 J
	01/25/04[2]	---	---	---	---	---	---	---	---	---	---	---
	07/25/04	<1	<1	13	<1	0.5 J	110	<1	<1	<1	<1	<1
	04/25/05	<0.5	<0.5	11	<0.5	0.6	91	<0.5	<0.5	<1.0	<1.0	<20
	10/11/05	<0.5	<0.5	9.1	<0.5	<0.5	87	<0.5	<0.5	<1.0	<1.0	<20
	04/30/06	<0.5	<0.5	6.9	<0.5	<0.5	73 E	<0.5	<0.5	<0.5	<0.5	<0.5
	04/30/06[1]	<2.5	<2.5	6.3 D	<2.5	<2.5	79 D	<2.5	<2.5	<2.5	<2.5	<2.5
	10/09/06	<1	<1	10	<1	<1	89	<1	<1	<1	<1	<2
	04/29/07	<1	<1	5.8	<1	<1	50	<1	<1	<1	<1	<1
	05/18/08	0.56 J	<1	6.5	<1	0.60 J	42 D	<1	<1	0.25 J	<1	<1
	07/19/09	0.55 J	0.32 J	10	<1	0.28 J	68	<1	0.34 J	<1	<1	<1
	10/25/10	0.60 J	0.31 J	11	<1	<1	50 D	<1	0.48 J	<1	<1	<1
	10/25/10 FD	0.51 J	<1	12	<1	0.35 J	59 D	<1	0.28 J	0.15 J	<1	<1
	10/02/11	0.48 J	<0.12	9.5	<0.14	0.21 J	68	<0.24	0.21 J	<0.14	<0.19	<0.11

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
	11/08/12	0.46 J	<0.72	8.0	<1.0	<1.0	47	<1.0	<1.0	<1.0	<1.0	<1.0
W-27	07/15/86	<0.5	<0.5	20	<0.5	11	390	0.6	<0.5	<0.5	---	<0.5
	03/06/87	<5	<5	---	<5	<5	130	<5	<5	<5	---	<5
	06/18/87	<0.5	<0.5	4.2	<0.5	2.5	96	<0.5	<0.5	<0.5	---	<0.5
	09/19/87	<5	<5	<5	<5	<5	210	<5	<5	<5	---	<5
	12/12/87	<50	<50	<50	<50	<50	520	<50	<50	<50	---	<50
	03/26/88	<5	<5	---	<5	<5	280	<5	<5	<5	---	<5
	06/25/88	<5	<5	---	<5	<5	170	<5	<5	<5	---	<5
	10/09/88	<5	<5	<5	<5	<5	120	<5	<5	<5	---	<5
	11/26/88	<5	<5	<5	<5	<5	98	<5	<5	<5	---	<5
	02/25/89	<5	<5	<5	<5	<5	100	<5	<5	<5	---	<5
	05/26/89	<5	<5	<5	<5	<5	74	<5	<5	<5	---	<5
	09/20/89	<1	<1	---	2.6	<1	90	<1	<2	<1	---	<4
	12/13/89	<1	<1	<1	<1	1.2	80	<1	<2	<1	---	<4
	03/16/90	<1	<1	2.6	<1	1.1	120	<1	<2	<1	---	<4
	06/28/90	<5	<5	---	<5	<5	56	<5	<5	<5	---	<5
	09/13/90	<0.5	<0.5	<0.5	<0.5	<0.5	89	<0.5	<0.5	<0.5	---	<0.5
	12/17/90	<5	<5	<5	---	<5	65	<5	<5	<5	---	<5
	03/14/91	<5	<5	---	<5	<5	81	<5	<5	<5	<5	<5
	06/26/91	<1	<1	---	1	<1	70	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	<1	64	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	21	<1	<1	<1	<1	<1
	03/24/92	<1	<1	---	---	0.5	80	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	0.7	90	<1	<1	<1	<1	<1
	09/15/92	<1	<1	---	---	<1	64	<1	<1	<1	<1	<1
	12/18/92	<1	<2.5	2.4	<1	<1	68	<1	<1	<1	<1	<1
	03/26/93	<1	<1	1.9	<1	<1	58	<1	<1	<1	<1	<1
	09/23/93	<1	<1	0.9	<1	<1	60	<1	<1	<1	<1	<1
	03/31/94	<1	<1	6.3	<1	2.3	150	<1	<1	<1	<1	<1
	09/28/94	<1	<1	1.9	<1	<1	80	<1	<1	<1	<1	<1
	03/24/95	<2	<2	2.5	<2	0.6 J	76 D	<2	<2	<2	<2	<2
	09/30/95	1.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/06/96	<1	<1	2.5	<1	<1	45	<1	<1	<1	<1	<1
	09/28/96	<1	<1	5.9	<1	<1	72	<1	<1	<1	<1	<1
	03/30/97	<1	2.1	3.4	<1	<1	95	<1	<1	<1	<1	<1
	09/02/97	<1	<1	4.9	<1	<1	150	<1	<1	<1	<1	<1
	03/08/98	<1	<1	---	---	<1	42	<1	<1	<1	<1	<1
	09/27/98	<1	<1	---	---	<1	19	<1	<1	<1	<1	<1
	03/14/99	<1	<1	---	---	<1	48	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	1.2	120 D	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	1 J	67 D	<1	<1	<1	<1	<1
	09/09/00	<1	<1	1.5	<1	<1	46	<1	<1	<1	<1	<1
	03/31/01	<1	<1	---	---	<1	59 D	<1	<1	<1	<1	<1
	03/31/01 FD	<1	<1	---	---	<1	56 D	<1	<1	<1	<1	<1
	09/30/01	<1	<1	1.4	<1	<1	76	<1	<1	<1	<1	<1
	03/10/02	<1	<1	1.5	<1	<1	39	<1	<1	<1	<1	<1
	07/21/02	<1	<1	2.8	<1	0.64 J	64 D	<1	<1	<1	<1	<1
	08/27/02	<1	<1	1.8	<1	<1	64 D	<1	<1	<1	<1	<1
	09/29/02	<1	<1	2.8	<1	0.68 J	68 D	<1	<1	<1	<1	<1
	10/27/02	<1	<1	5.1	<1	0.84 J	120 D	<1	<1	<1	<1	<1
	01/19/03	<1	<1	9.4	<1	1 J	180 D	<1	<1	<1	<1	<1
	04/26/03	<1	<1	18	<1	0.6	110	<1	<1	<1	<1	<1
	07/05/03	<1	<1	10	<1	0.68 J	130	<1	<1	<1	<1	<1
	01/25/04	<1	<1	28	<1	<1	120	<1	<10	<1	<1	<1
	01/25/04[1]	<10	<10	27	<10	<10	(B)	<10	2.3	<10	<10	<10
	07/25/04	<1	<1	12	<1	<1	80	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	23	<0.5	<0.5	90	<0.5	4.5	<1	<1	<20
	10/11/05	<0.5	<0.5	14	<0.5	<0.5	74	<0.5	2.3	<1	<1	<20
	04/30/06	<0.5	<0.5	13	<0.5	<0.5	62 E	<0.5	2.3	<0.5	<0.5	<0.5
	04/30/06[1]	<2.5	<2.5	11 D	<2.5	<2.5	61 D	<2.5	<2.5	<2.5	<2.5	<2.5
	10/08/06	<1	<1	15	<1	<1	63	<1	2.5	<1	<1.0	<2
	04/29/07	<1	<1	16	<1	<1	59	<1	3.7 *	<1	<1	<1
	09/22/07	<5	<5	10	<5	<5	51 D	<5	4 J D*	<5	<5	<5
	04/25/08	0.39 J	<1	16	<1	0.29 J	46 D	0.13 J	4	<1	<1	<1
	04/25/08 FD	0.42 J	<1	17	<1	0.25 J	46 D	0.14 J	4.4	<1	<1	<1
	10/11/08	0.40 J	0.17 J	16	<1	<1	54	0.18 J	4.9	<1	<1	<1
	10/11/08 FD	0.37 J	0.15 J	16	<1	<1	52	0.14 J	4.9	<1	<1	<1
	04/18/09[21]	0.46 J	<1	17	<1	<1	54	0.12	4.4	<1	<1	<1
	04/18/09 FD	0.39 J	<1	16	<1	<1	53	< 1	4.5	<1	<1	<1
	10/20/09	0.33 J	0.12 J	14	<1	<1	52	< 1	4	<1	<1	<1
	10/20/09 FD	0.37 J	0.14 J	15	<1	<1	54	0.14 J	4.8	<1	<1	<1

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloro-form	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										
	10/25/10[33]	0.35 J	0.13 J	13	<1	<1	43	<1	2.5	<1	<1	<1
W-27	10/25/10 FD[34]	0.33 J	0.13 J	13	<1	<1	44	<1	2.5	<1	<1	<1
	10/02/11	0.3 J	<0.12	12	<0.14	<0.19	42	<0.24	2.4	<0.14	<0.19	<0.11
	10/02/11 FD	0.28 J	<0.12	11	<0.14	<0.19	39	<0.24	2.3	<0.14	<0.19	<0.11
	11/8/2012	<1.0	<0.72	11	<1.0	<1.0	41	<1.0	2.6	<1.0	<1.0	<1.0
	11/8/12 FD	<1.0	<0.72	11	<1.0	<1.0	41	<1.0	2.8	<1.0	<1.0	<1.0
W-28	10/24/10[35]	0.87 J	0.18 J	2.2	<1	0.65 J	2.6	<1	<1	<1	0.34 J	<1
WS-1	03/16/90	<1	<1	<1	<1	<1	<1	<1	<2	<1	---	<4
	06/28/90	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---
	09/13/90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5
	12/08/90	<0.5	<0.5	<0.5	---	<0.5	1.9	<0.5	<0.5	<0.5	---	<0.5
	03/14/91	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/26/91	<1	<1	---	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/17/91	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/24/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	06/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/15/92	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	12/18/92	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/26/93	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/23/93	<1	<1	<1	<1	<1	0.6	<1	<1	<1	<1	<1
	03/31/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/28/94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/24/95	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	09/30/95	<1	<1	<1	<1	<1	0.6 J	<1	<1	<1	<1	<1
	05/06/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/28/96	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/30/97	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1
	09/02/97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/08/98	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/14/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/27/99	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/18/00	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	09/09/00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	03/31/01	<1	<1	---	---	<1	<1	<1	<1	<1	<1	<1
	03/10/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/21/02	<1	<1	<1	<1	<1	0.71 J	<1	<1	<1	<1	<1
	08/27/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	09/29/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/27/02	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/26/03	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/05/03	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	01/25/04	---	---	---	---	---	---	---	---	---	---	---
	07/25/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	04/24/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	10/11/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<20
	04/30/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/08/06	<1	<1	<1	<1	<1	0.3	<1	<1	<1	<1	<1
	04/29/07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	05/17/08	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	07/19/09	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/24/10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	10/02/11	<0.11	<0.12	<0.14	<0.14	<0.19	<0.09	<0.24	<0.15	<0.14	<0.19	<0.11
	11/08/12	<1.0	<0.72	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Chemical Abbreviations:

1,1-DCA = 1,1-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,2-DCE = 1,2-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
BTEX = benzene, toluene, ethyl benzene, and xylenes
cis-1,2-DCE = cis-1,2-dichloroethene
Freon 12 = dichlorodifluoromethane
PCE = tetrachloroethene
TCE = trichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene

Notes:

[1] For quality assurance purposes the lab reanalyzed the sample; results for both analyses are being presented.
[2] Groundwater samples not collected due to frozen groundwater.
[3] Chloroethane was detected at a concentration of 1.0 µg/L.

Table 1. Remedial Investigation Groundwater Contamination Summary, 91 All Angels Hill Road, Wappingers Falls, New York

Well ID	Sample Date	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	PCE	Vinyl Chloride	Chloroform	Freon 113	Methylene Chloride
		<< micrograms per liter (µg/L) >>										

[4] 1,2-Dichlorobenzene was detected at a concentration of 1.3 µg/L.

Notes: (continued)

[5] Chloroform was detected at 0.37 µg/L; 1,2-Dichlorobenzene and 1,4-Dichlorobenzene were detected at 1.5 µg/L and 0.23 µg/L.

[6] 1,2-Dichlorobenzene and 1,4-Dichlorobenzene were detected at 4.1 µg/L and 0.40 µg/L, respectively.

[7] 1,2-Dichlorobenzene was detected at 0.94 µg/L.

[8] Dichlorodifluoromethane and chloroethane were detected at 0.68 µg/L and 0.17 µg/L, respectively.

[9] Chloroethane was detected at 0.32 µg/L.

[10] 1,2-Dichlorobenzene was detected at 0.31 µg/L.

[11] Dichlorodifluoromethane, 1,2-Dichlorobenzene, and 1,4-Dichlorobenzene were detected at 0.62 µg/L, 2.0 µg/L, and 0.17 µg/L, respectively.

[12] Chloroethane was detected at 1.3 µg/L.

[13] Chloroethane was detected at 1.2 µg/L.

[14] 1,2-Dichlorobenze and 1,4-Dichlorobenzene were detected at 1.1 µg/Land 0.18 µg/L (with J flag), respectively.

[15] 1,2-Dichlorobenze was detected at 0.26 µg/L (with J flag).

[16] 1,2-Dichlorobenzene was detected at 0.86 µg/L (with J flag).

[17] Toluene was detected at 0.11 µg/L (with J flag).

[18] 1,2-Dichlorobenzene and Dichlorodifluoromethane were detected at 2.0 µg/L and 0.43 µg/L (with J flag), respectively.

[19] Chloroethane was detected at 0.98 µg/L (with J flag) in the original sample and 0.96 µg/L (with J flag) in the duplicate sample.

[20] Resampled on May 19 for hydrocarbons including BTEX, #2 diesel fuel, motor oil, kerosene, gasoline, lube oil, fuel oil #1, #4 fuel, fuel oil #6, unknown hydrocarbons, iron, and manganese. None of the hydrocarbons were detected above the detection limits of 1 µg/L for BTEX analysis and 250 µg/L for the other hydrocarbon analyses. Iron was detected at 290 µg/L and manganese at 180 µg/L.

[21] 1,2-Dichlorobenze was detected at a concentration of 0.41 µg/L (with J flag) and 0.44 µg/L (with J flag) in the duplicate sample.

[22] Dichlorodifluoromethane and toluene were detected at 0.94 µg/L (with J flag) and 0.14 µg/L (with J flag), respectively.

[23] Toluene was detected at 0.16 µg/L (with J flag).

[24] Toluene was detected at 0.18 µg/L (with J flag).

[25] Chlorodibromomethane and dichlorobromomethane were detected at 3.3 µg/L and 3.1 µg/L, respectively.

[26] Chloroethane was detected at 0.57 µg/L (with J flag).

[27] 1,2-Dichlorobenzene was detected at 0.25 µg/L (with J flag).

[28] 1,2-Dichlorobenzene and dichlorodifluoromethane were detected at 0.81 µg/L (with J flag) and 0.31 µg/L (with J flag), respectively.

[29] 1,2-Dichlorobenzene was detected at 2.3 µg/L.

[30] Chloroethane and trans-1,2-Dichloroethene were detected at 0.21 µg/L (with J flag) and 0.17 µg/L (with J flag), respectively.

[31] 1,2-Dichlorobenzene and 1,4-Dichlorobenzene were detected at 2.0 µg/L and 0.25 µg/L (with J flag), respectively.

[32] 1,2-Dichlorobenzene was detected at 0.24 µg/L (with J flag).

[33] 1,2-Dichlorobenzene was detected at 0.32 µg/L (with J flag).

[34] 1,2-Dichlorobenzene was detected at 0.26 µg/L (with J flag).

[35] Dichlorodifluoromethane was detected at 0.60 µg/L (with J flag).

Abbreviations:

B = Analyte detected in an associated Method Blank at a concentration greater than one-half of Lab's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

D = the sample was diluted due to target compounds that exceed the linear calibration range

E = detected concentrations exceed the calibration range of the instrument for the specific analysis

FD = field duplicate sample

J = detected concentration was below the laboratory reporting limit

RE = the sample was reanalyzed

--- = not analyzed

<# = analyte not detected above detection limit

* = LCS or LCSD exceeds the control limits

Table 2. Emergency Contact Numbers – 91 All Angels Hill Road, Wappingers Falls, New York

Contact	Phone Number
Medical, Fire, and Police	911
One Call Center	(800) 272-4480 (3 day notice required for utility markout)
Poison Control Center	(800) 222-1222
Pollution Toxic Chemical Oil Spills	(800) 424-8802
Spills Hotline, New York State Department of Environmental Conservation	(800) 457-7362

Table 3. Other Contact Numbers – 91 All Angels Hill Road, Wappingers Falls, New York

Contact	Phone Number
Qualified Environmental Professional: Thomas Fojut, P.E., Weiss Associates	(510) 450-6143
Field Team Lead: Larry Whitten, Weiss Associates	(845) 264-5043
Responsible Party: Virgilio Cocianni, Schlumberger Technology Corporation	(281) 285-4747

Note: Contact numbers subject to change and should be updated as necessary

Table 4. Monitoring Schedule – 91 All Angels Hill Road, Wappingers Falls, New York

Monitoring Location	Monitoring Point Type	Matrix	Frequency	Analysis
W-8	monitoring well	Groundwater	water level and sample every 9 quarters	SW-846 Method 8260B
W-12	monitoring well	Groundwater	water level and sample every 9 quarters	SW-846 Method 8260B
W-18A	monitoring well	Groundwater	water level and sample every 9 quarters	SW-846 Method 8260B
W-26D	monitoring well	Groundwater	water level and sample every 9 quarters	SW-846 Method 8260B
W-27	monitoring well	Groundwater	water level and sample every 9 quarters	SW-846 Method 8260B
WS-1	surface water location	Surface Water	water level and sample every 9 quarters	SW-846 Method 8260B
101 All Angels Hill Rd	offsite domestic well	Domestic Well Water	sample every 18 quarters	SW-846 Method 8260B
107 All Angels Hill Rd	offsite domestic well	Domestic Well Water	sample every 18 quarters	SW-846 Method 8260B
221 Myers Corners Rd	offsite domestic well	Domestic Well Water	sample every 18 quarters	SW-846 Method 8260B

Note:
The frequency of events will be conducted as specified until otherwise approved by the New York State Department of Environmental Conservation and the New York State Department of Health.

Table 5. Schedule of Monitoring and Reporting Activities – 91 All Angels Hill Road, Wappingers Falls, New York

Task	Reporting Frequency
Groundwater Monitoring	Every 9 quarters
Surface Water Monitoring	Every 9 quarters
Soil Cover Monitoring	Every 9 quarters
Periodic Review Report	Every 3 years

Note:

The frequency of events will be conducted as specified until otherwise approved by the New York State Department of Environmental Conservation and New York State Department of Health

FIGURES

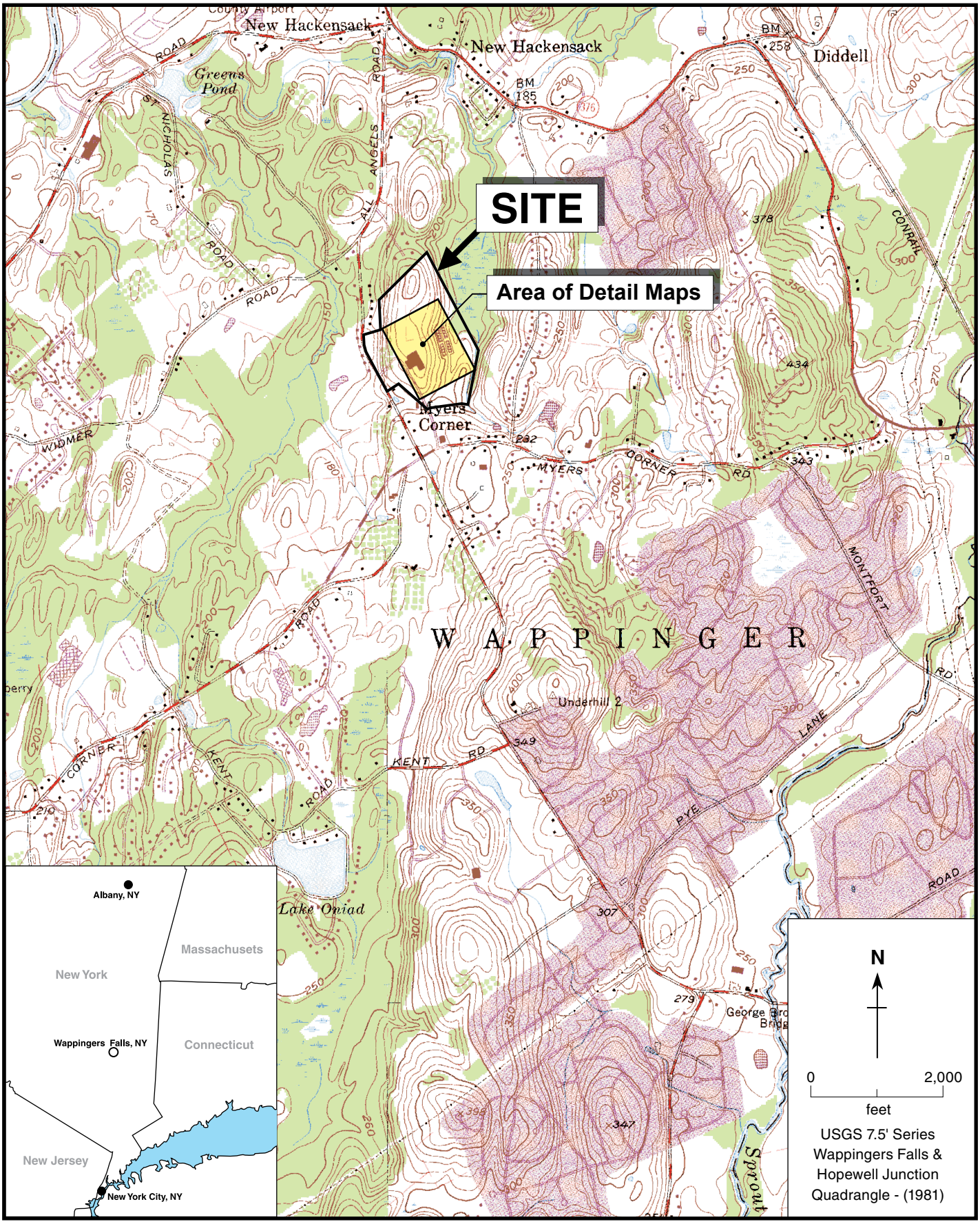


Figure 1. Site Location Map, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

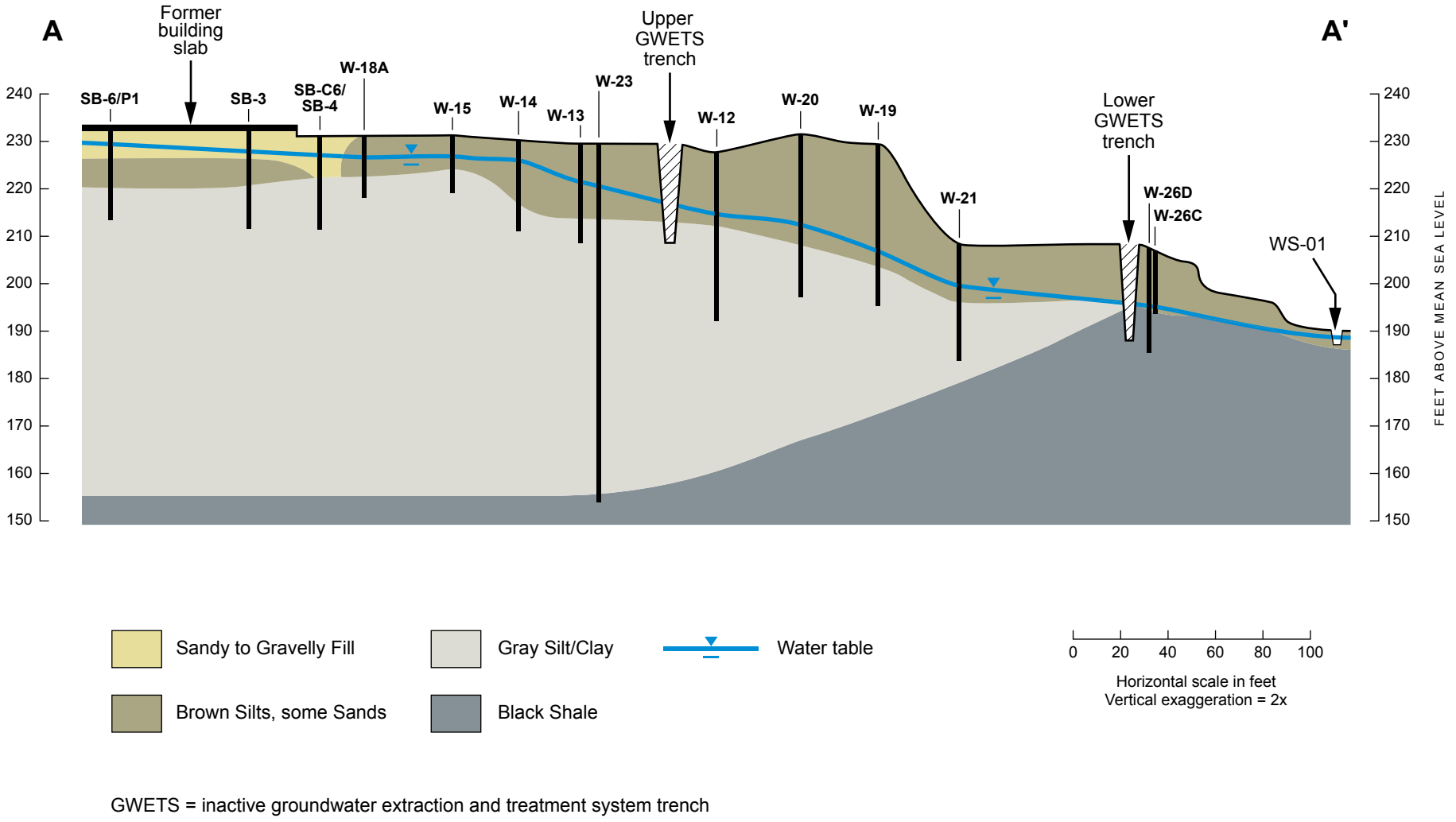


Figure 2. Geologic Cross Section, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

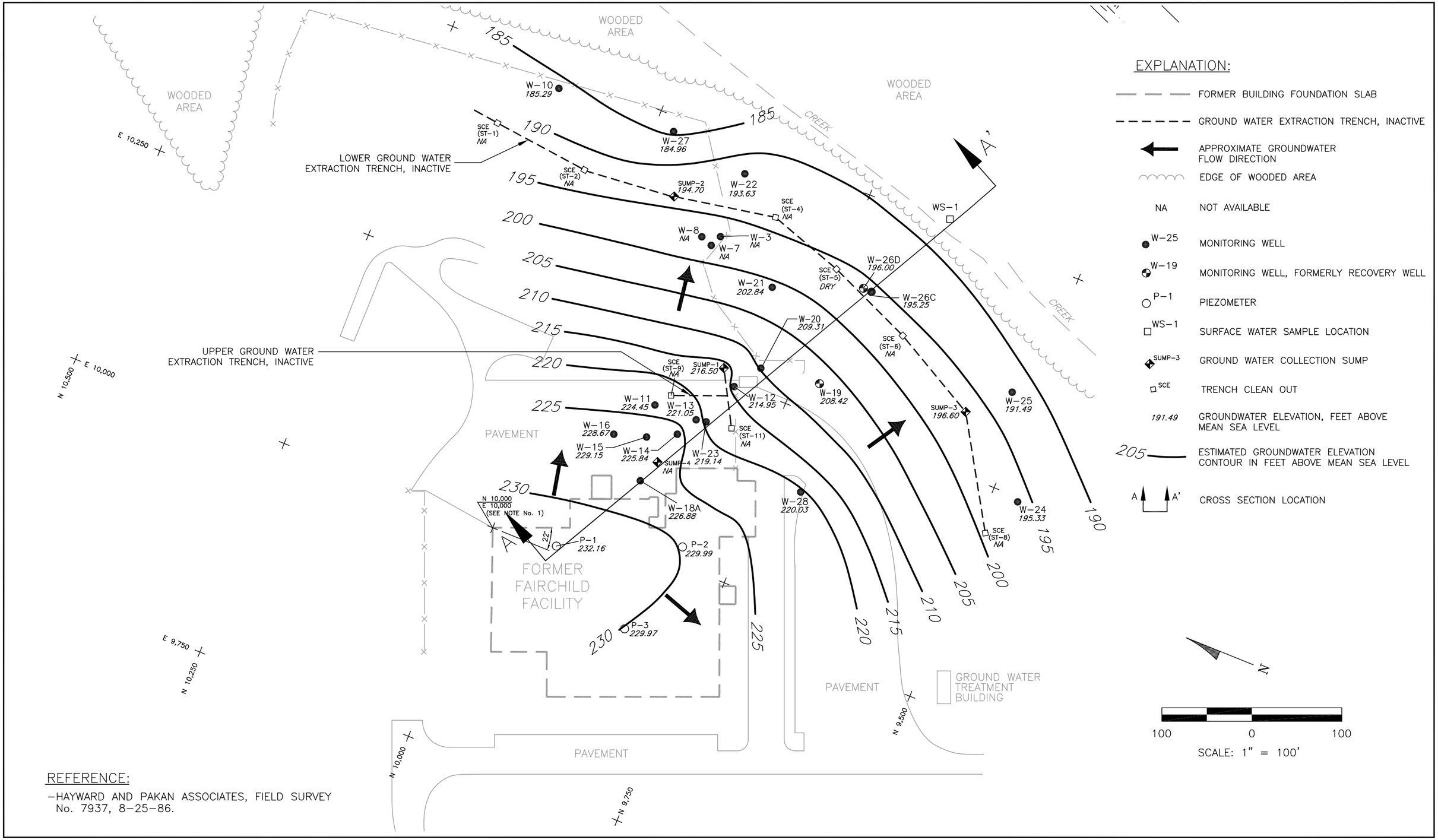
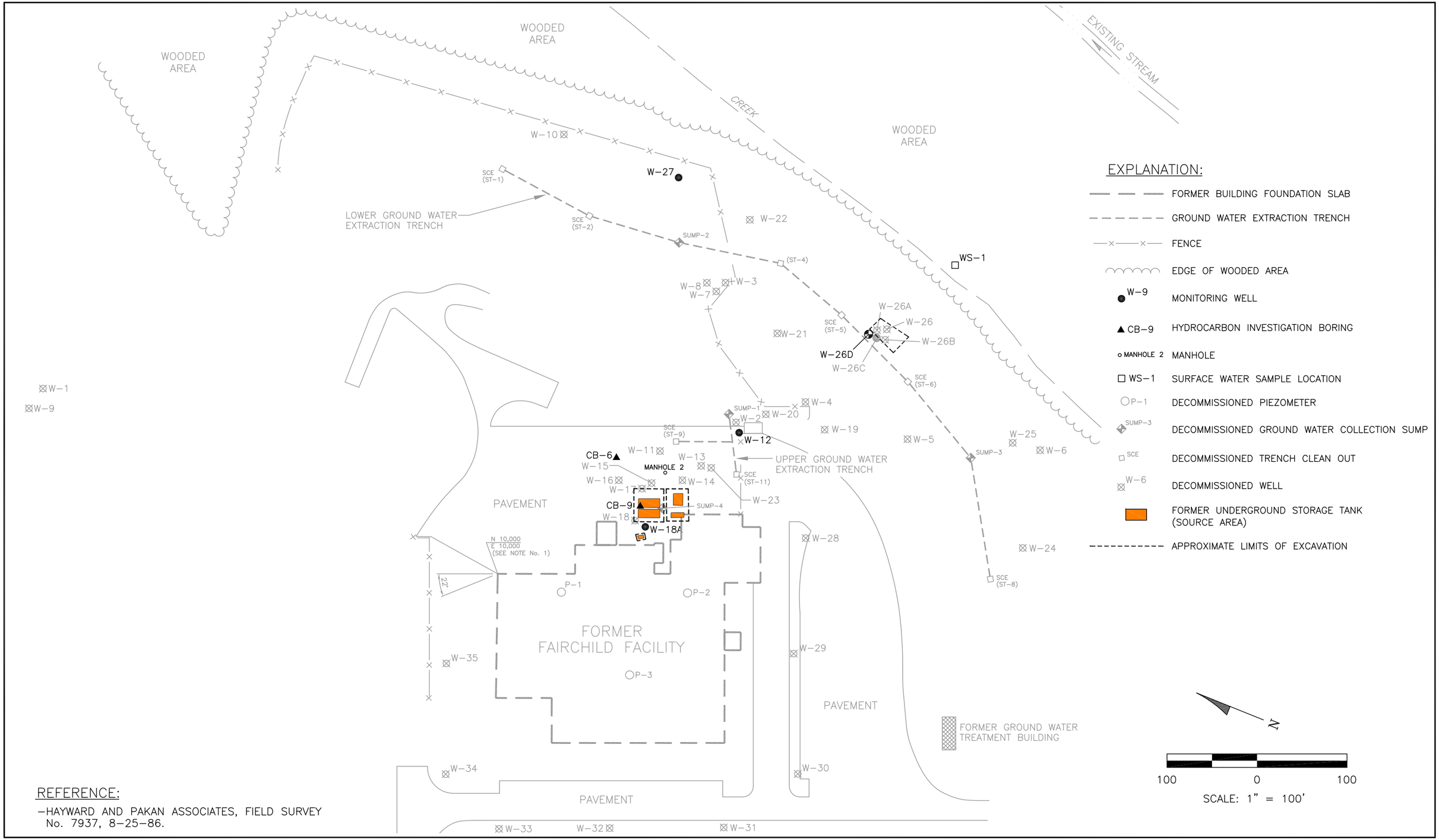


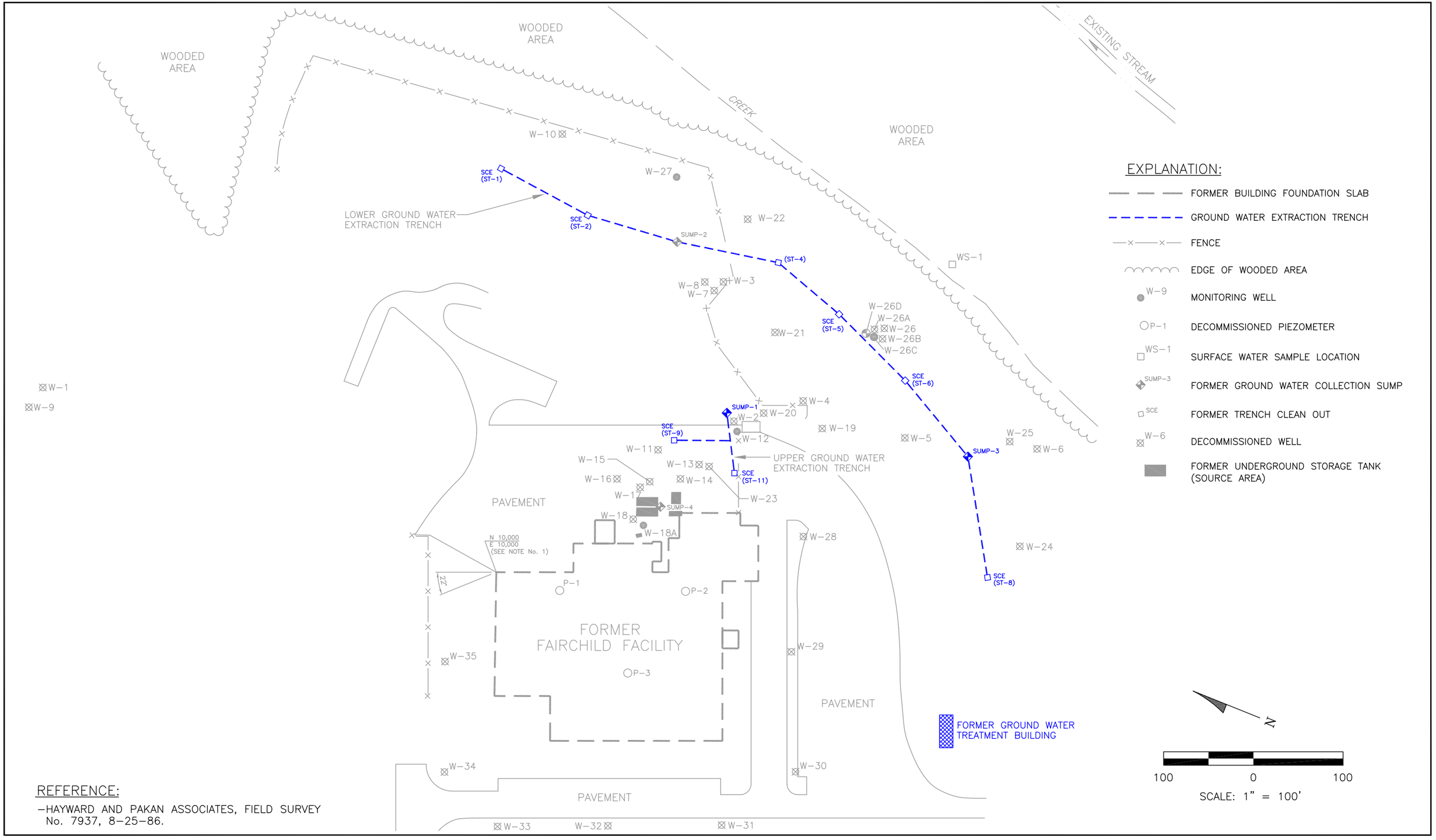
Figure 3. Groundwater Elevation and Flow (October 1, 2011), Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York



REFERENCE:

–HAYWARD AND PAKAN ASSOCIATES, FIELD SURVEY No. 7937, 8–25–86.

Figure 4. Extent of Remedial Excavation Performed, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York



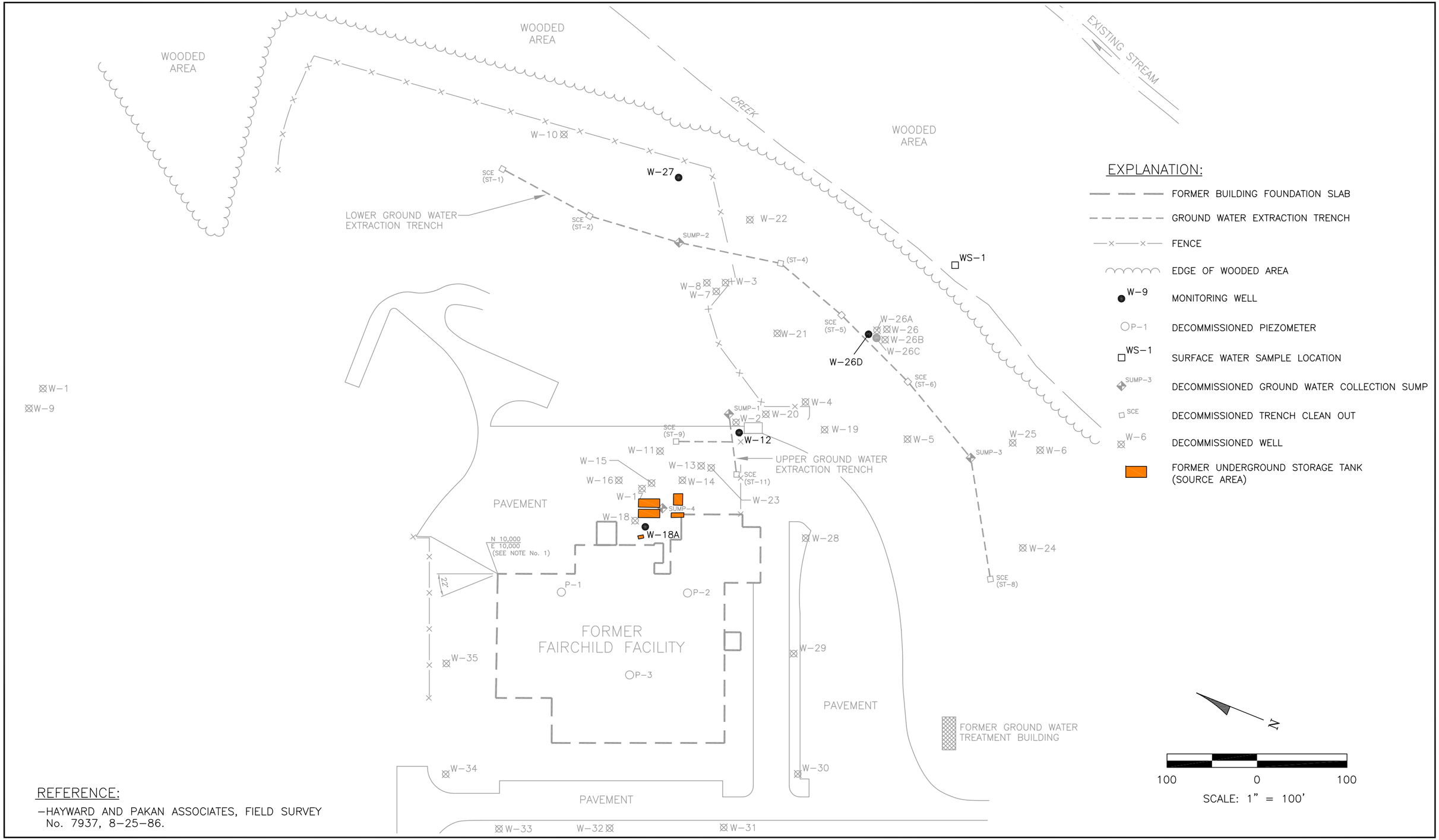
REFERENCE:

–HAYWARD AND PAKAN ASSOCIATES, FIELD SURVEY No. 7937, 8–25–86.

Figure 5. Location of Former Remedial Treatment Systems, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

FILE: L:\RMT.301\WAPP_Falls\SMP\Treatment Systems.dwg

DATE: 05/31/12 - 3:26pm



REFERENCE:

–HAYWARD AND PAKAN ASSOCIATES, FIELD SURVEY No. 7937, 8–25–86.

Figure 6. Groundwater Monitoring Well Network, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

FILE: L:\RMT.301\WAPP_Falls\SMP\Well Network.dwg

DATE: 05/31/12 - 3:26pm

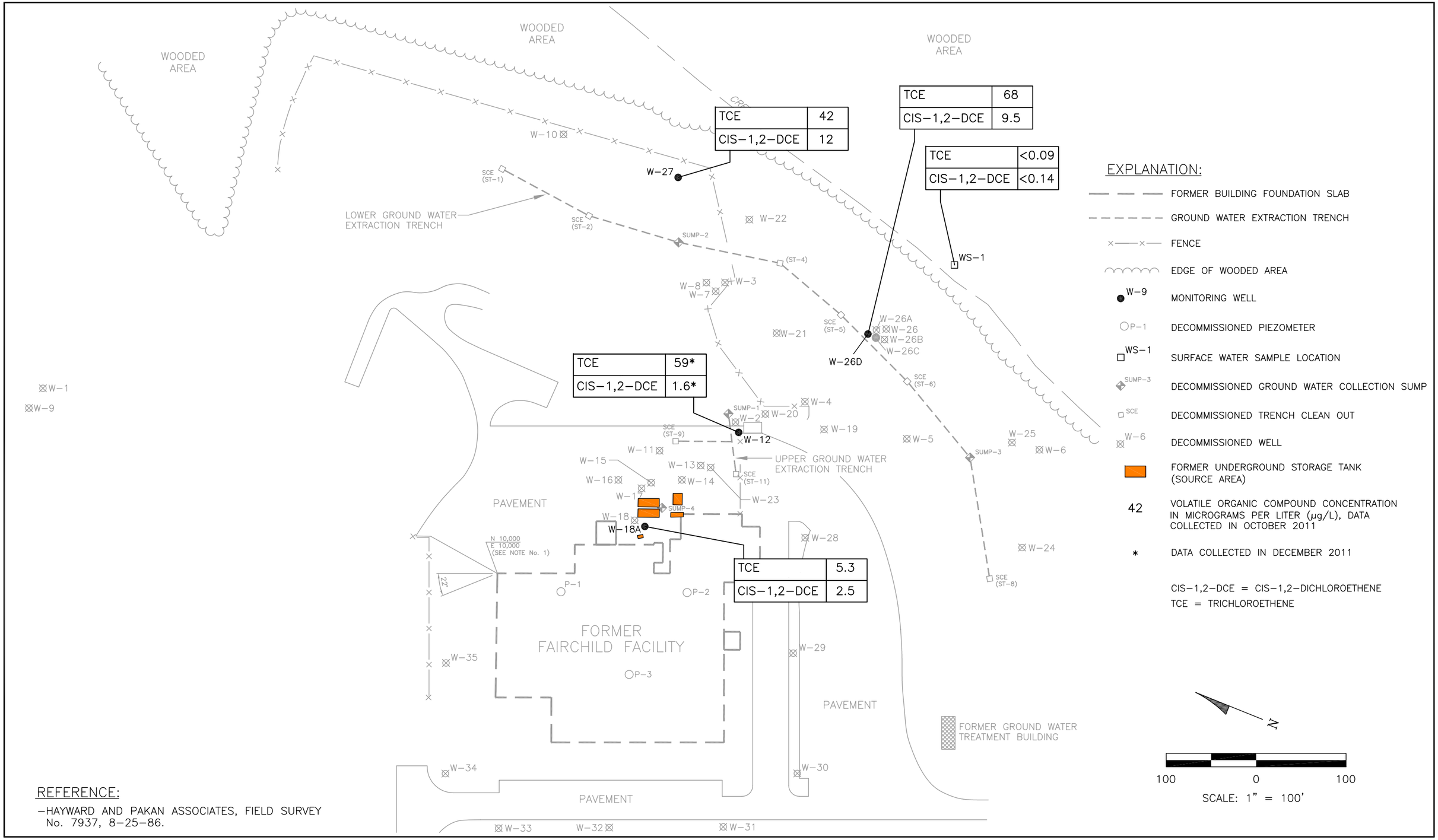


Figure 7. Locations Proposed for Continued Monitoring, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

APPENDIX A

EXCAVATION WORK PLAN

APPENDIX A – EXCAVATION WORK PLAN

A-1 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination, the Site owner or their representative will notify the Department. Currently, this notification will be made to:

R. Scott Deyette

Chief, Inspection Unit

Remedial Bureau C

Division of Environmental Remediation

625 Broadway, Albany, New York 12233-7014

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for Site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact the monitoring well network;
- A summary of environmental conditions anticipated in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120;
- A copy of the contractor's Health and Safety Plan, in electronic format;

- Identification of disposal facilities for potential waste streams; and
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

A-2 SOIL SCREENING METHODS

Visual, olfactory and instrument-based soil screening will be performed by a qualified environmental professional during all remedial and development excavations into known or potentially contaminated material (remaining contamination). Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after approval of the SMP.

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

A-3 STOCKPILE METHODS

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC.

A-4 MATERIALS EXCAVATION AND LOAD OUT

A qualified environmental professional or person under their supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the Site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the Site.

Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

A truck wash will be operated on-site. The qualified environmental professional will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the Site until the activities performed under this section are complete.

Locations where vehicles enter or exit the Site shall be inspected daily for evidence of off-site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the Site are clean of dirt and other materials derived from the Site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

A-5 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be washed prior to leaving the Site. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Truck transport routes will be provided by the contractor. This should be the most appropriate route that takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city-mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e)

promoting safety in access to highways; and (f) overall safety in transport. All trucks loaded with Site materials will exit the vicinity of the Site using only these approved truck routes.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project Site. Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development. Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

A-6 MATERIALS DISPOSAL OFF-SITE

All soil/fill/solid waste excavated and removed from the Site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this Site is proposed for unregulated off-site disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this Site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

A-7 MATERIALS REUSE ON-SITE

Chemical criteria for on-site reuse of material will meet the allowable constituents levels for imported fill or soil, commercial or industrial use levels established in

6NYCRR 375-6.7(d). The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site will not be reused on-site.

A-8 FLUIDS MANAGEMENT

All liquids to be removed from the Site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the Site, but will be managed off-site.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream or river) will be performed under a SPDES permit.

A-9 SITE RESTORATION

After the completion of soil removal and any other invasive activities the Site will be restored to pre-construction conditions, including backfill and vegetation.

A-10 BACKFILL FROM OFF-SITE SOURCES

All materials proposed for import onto the Site will be approved by the qualified environmental professional and will be in compliance with provisions in this SMP prior to receipt at the Site.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the Site.

All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d). Soils that meet ‘exempt’ fill requirements under 6 NYCRR Part 360, but do not meet backfill objectives for this Site, will not be imported

onto the Site without prior approval by NYSDEC. Solid waste will not be imported onto the Site.

Trucks entering the Site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

A-11 STORMWATER POLLUTION PREVENTION

For construction projects exceeding one acre, the preparation of a Storm Water Pollution Prevention Plan (SWPPP) is required. If such excavations are to be conducted, the contractor will prepare a SWPPP that conforms to the requirements of NYSDEC Division of Water guidelines and NYS regulations.

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

A-12 CONTINGENCY PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction,

excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes (TAL metals; TCL volatiles and semi-volatiles, TCL pesticides and PCBs), unless the Site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the periodic reports prepared pursuant to Section 5 of the SMP.

A-13 COMMUNITY AIR MONITORING PLAN

A Community Air Monitoring Plan will be prepared in accordance with Appendix 1A of DER-10 prior to invasive earth work.

Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

A-14 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site. Specific odor control methods to be used on a routine basis will include covering stockpiles with plastic sheeting and minimizing the amount of time that excavations remain open. If nuisance odors are identified at the Site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner's Remediation Engineer, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

A-15 DUST CONTROL PLAN

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved through the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

A-16 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

APPENDIX B

METES AND BOUNDS

EXHIBIT "A"

CLERK'S NOTE - VARIATION IN TYPE OR OTHER MATERIAL, SAME AS IN ORIGINAL

All that certain piece or parcel of land situate in the Town of WAPPINGER, County of DUTCHESS and State of New York bounded and described as follows:

BEGINNING at a point on the easterly line of All Angels Hill Road, said point being the intersection of the Easterly line of All Angles Hill Road with the southerly line of lands of now or formerly Reuter and

RUNNING THENCE along the southerly and easterly line of lands of now or formerly said Reuter and along the easterly line of lands of now or formerly Muller and along the easterly line of lands of now or formerly Schuele the following: North 83-00-50 East 275.00 feet to a point;

THENCE North 9-59-20 East 135.00 feet to a point;

THENCE North 11-15-40 East 324.55 feet to a point on the southeasterly line of lands of now or formerly Schofield;

THENCE leaving said line and running along the southeasterly line of lands of now or formerly said Schofield, along the remains of a stone wall, North 58-16-30 East 1024.72 feet to a stone wall intersection on the westerly line of lands of Eugene Schuele,

THENCE along the westerly line of land of said Eugene Schuele, along a stone wall and wire fence, as follows: South 14-01-50 East 1740.14 feet to a point;

THENCE South 71-44-20 west 38.46 feet to a point;

THENCE South 24-31-10 West 790.86 feet to a point on the northerly line of lands of now or formerly Snowden;

THENCE leaving said line and running along the northerly line of lands of now or formerly said Snowden, along a wire fence North 64-53-00 West 100.00 feet to a point on the westerly line of lands of now or formerly said Snowden;

THENCE leaving said line and running along lands of new Hackensack Fire Company as follows: North 83-50-50 West 472.88 feet to a point on the easterly line of a 50 foot wide Right-of-Way;

THENCE along the easterly line of said 50 foot wide Right-of-Way along the westerly line of lands of said New Hackensack Fire Company, as follows: South 7-57-10 East 300.00 feet to a point;

THENCE South 10-16-00 West 338.00 feet to a point on the northerly line of Myers Corners Road;

CONTINUED

THENCE along the northerly line of said Meyers Corners Road, South 89-37-30 West 50.77 feet to a point;

THENCE leaving said line and running along the westerly line of aforesaid 50 foot wide Right-of-Way, along the easterly line of land of Eugene Schuele, the following: North 10-16-00 East 343.06 feet to a point;

THENCE North 7-57-10 West 285.16 feet to a point;

THENCE leaving said line and running along the easterly and northerly line of lands of Kapfenstein, as follows: North 33-58-00 West 587.84 feet to a point;

THENCE South 71-29-00 West 200.06 feet to a point on the easterly line of aforesaid All Angels Hill Road;

THENCE leaving said line and running along the easterly line of said All Angels Hill Road, the following: North 17-22-10 West 332.94 feet to a point;

THENCE North 13-06-20 West 366.71 feet to a point;

THENCE North 1-33-00 East 115.23 feet to a point;

THENCE North 9-15-50 East 111.63 feet to a point;

THENCE North 12-03-40 West 13.16 feet to the point of beginning.

EXCEPTING a parcel of land conveyed by Cogar Corporation to the County of Dutchess by Deed recorded in the Dutchess County Clerk's Office in Liber 1271 of Deeds at page 752.

APPENDIX C

DEED RESTRICTION

[redacted]

DUTCHESS COUNTY CLERK RECORDING PAGE

RECORD & RETURN TO:

LANDELS RIPLEY & DIAMOND, ESQS
350 THE EMBARCADERO
SAN FRANCISCO CA 94105-1250

RECORDED: 02/29/96

AT: 15:24:55

COUNTY CLERK: #1304

RECEIVED FROM: RONDALD GOLDSAND

GRANTOR: SCHLUMBERGER TECHNOLOGY CORP
GRANTEE: NEW HACKENSACK FIRE DISTRICT

RECORDED IN: DEED
INSTRUMENT TYPE: DEC/REST

TAX
DISTRICT: WAPPINGER

EXAMINED AND CHARGED AS FOLLOWS:

RECORDING CHARGE: 57.00

NUMBER OF PAGES: 15

TRANSFER TAX AMOUNT:

TRANSFER TAX NUMBER:

E & A FORM: N

TP-584: N

COUNTY CLERK BY: FRS /_____
RECEIPT NO: R09795
BATCH RECORD: D00299

WILLIAM L. PAROLI, JR.
County Clerk

DUTCHESS COUNTY SEAL

15

RGD 9093

Recorded at request of:
RG Agency
(914) 739-2700

RECORDING REQUESTED BY
AND
WHEN RECORDED, RETURN TO:

LANDELS RIPLEY & DIAMOND, LLP
350 The Embarcadero
San Francisco, California 94105-1250
Attn: Thomas D. Trapp, Esq.

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS AND GRANT OF EASEMENT

THIS DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS AND GRANT OF EASEMENT (this "Declaration") is made this 30th day of January, 1996, by and between **SCHLUMBERGER TECHNOLOGY CORPORATION,*** a Texas corporation ("STC") and **NEW HACKENSACK FIRE DISTRICT,†** a fire district created under the laws of the State of New York ("Purchaser").

* 441 N. Whisman Rd., Bldg 23, Mt. View, CA.
† 217 Myers Corners Rd Wappinger Falls, NY

DEFINITIONS AND RECITALS

A. The following words, when capitalized in this Declaration, shall have the meanings set forth below:

"Agency" shall mean the New York State Department of Environmental Conservation.

"Environmental Laws" shall have the meaning specified below.

"Hazardous Materials" shall mean and include any and all substances, chemicals, wastes, sewage or other materials that are now or hereafter regulated, controlled or prohibited by any local, state or federal law or regulation requiring removal, warning or restrictions on the use, generation, disposal or transportation thereof including, without limitation, (a) any substance defined as a "hazardous substance", "hazardous material", "hazardous waste", "toxic substance", or "air pollutant" in the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. §9601, et seq., the Hazardous Materials Transportation Act, 49 U.S.C. §1801, et seq., the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. §6901, et seq., the Federal Water

Pollution Control Act ("FWPCA"), 33 U.S.C. §1251 et seq., or the Clean Air Act ("CAA"), 42 U.S.C. §7401 et seq., all as amended and amended hereafter; and (b) any hazardous substance, hazardous waste, toxic substance, toxic waste, hazardous material, waste, chemical, or compound described in any other federal, state, or local statute, ordinance, code, rule, regulation, order, decree or other law now or at any time hereafter in effect regulating, relating to or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous substance, chemical, material, compound or waste. As used herein, the term "Hazardous Materials" also means and includes, without limitation, asbestos; flammable, explosive or radioactive materials; gasoline; oil; motor oil; waste oil; petroleum (including, without limitation, crude oil or any component thereof); petroleum-based products; paints and solvents; lead; cyanide; DDT; printing inks; acids; pesticides; ammonium compounds; polychlorinated biphenyls; and other regulated chemical products. The statutes, regulations and other laws described in clauses (a), (b) and (c) above are herein collectively referred to as "Environmental Laws".

"Indemnity Agreement" shall mean that certain Environmental Indemnification Agreement of even date herewith, by and between STC and Purchaser.

"Contract" shall mean that certain Contract of Sale dated August 21, 1995, by and between STC and Purchaser, as amended by that certain letter agreement dated October 23, 1995 pursuant to which the Property is being sold by STC to Purchaser as of the date hereof.

"Property" shall mean that certain real property and all improvements located thereon addressed at 91 All Angels Hill Road, Wappingers Falls, New York, such real property being more particularly described in Exhibit "A" attached hereto and made a part hereof.

"Remedial Work" shall mean those investigatory, remedial or other actions that are necessary for STC to carry out its obligations under the Indemnity Agreement or that STC otherwise desires to carry out.

B. Certain Hazardous Materials have been discovered in the soil and groundwater underlying the Property. In the Indemnity Agreement, STC has agreed to carry out the Remedial Work at STC's expense, but without waiving any right STC may have to contribution or indemnification for the costs of the Remedial Work from any other person.

C. Purchaser has been fully informed of the nature and scope of the Remedial Work and acknowledges and agrees that it will be

necessary for STC and STC's agents, employees, consultants, contractors and subcontractors to enter upon the Property in the course of STC's performance of the Remedial Work.

D. The parties agree that it is in their mutual best interest to use and operate the Property in a manner to minimize the risk of future harm due to Hazardous Materials.

E. STC would not have entered into the Purchase and Sale Agreement but for Purchaser's agreement to enter into this Declaration and the Indemnity Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing and the mutual promises contained herein and for other valuable consideration, the receipt and adequacy of which are hereby acknowledged, Purchaser and STC agree as follows:

1. Incorporation of Recitals. The foregoing Recitals are true, correct and are incorporated herein by reference.

2. Purchaser's Covenants. Purchaser agrees that it shall obtain the prior written consent of STC prior to either (i) making any improvements or alterations, or (ii) conducting any demolition of any kind or nature whatsoever to or upon the Premises, or any portion thereof, that, in either case, may interfere with Seller's ability to perform the Remedial Work. Such consent shall not be unreasonably withheld by STC based upon STC's reasonable estimate of such improvement's, alteration's or demolition's impact upon the Remedial Work, or any portion thereof. Purchaser hereby agrees that the Property shall not be used for other than commercial or industrial purposes and shall specifically not be used for residential, school, child care, hospital, nursing home or similar uses. Purchaser hereby agrees to indemnify, protect, defend (with counsel reasonably acceptable to STC) and hold STC and its successors and assigns harmless from and against any and all claims, demands (including, without limitation, any clean-up order, monitoring order, testing order, remediation order, or other order of any kind or nature issued by any federal, state or local governmental agency or authority having jurisdiction over Hazardous Materials pursuant to any Environmental Law), causes of action, actions, suits, administrative proceedings (including informal proceedings), costs, losses, expenses (including, without limitation, attorneys' and paralegals' and consultants' and experts' fees and costs incurred in enforcing this Agreement or collecting any sums due under this Agreement), judgments, damages (including punitive damages), penalties, fines and liabilities (including, without limitation, any sums paid by STC in settlement of any claims) arising out of, whether directly or indirectly, or

in any way connected with, (i) any violation or claim of violation by Purchaser of any Environmental Law, (ii) the release, disposal, discharge or existence, or the suspected or claimed release, disposal, discharge or existence of any Hazardous Materials at, on, in, above, under or about the Property or in the soil, groundwater or surface water on or underlying the Property, provided such release, disposal or discharge occurred, or such Hazardous Materials came into existence, on or after the date hereof, or (iii) the migration of Hazardous Materials released, disposed or discharged from the Property, or from other premises to the Property, however and whenever caused and however and whenever occurring, provided such migration occurred on or after the date hereof, or (iv) Purchaser's obligation to pay any cost referred to in Paragraph 7 of the Indemnity Agreement. For the purposes of this Agreement, any acts or omissions of Purchaser, or by any employee, agent, contractor, subcontractor, licensee, or any other person or entity acting for on behalf of Purchaser (whether such acts or omissions are negligent, intentional, wilful or unlawful) shall be strictly attributable to Purchaser; provided, however, in no event shall the provisions of this Section 2 cover acts or omissions of STC, or its employees, agents, contractors, subcontractors, licensees or any other person or entity acting for or on behalf of STC (whether such acts or omissions are negligent, intentional, wilful or unlawful). Purchaser's foregoing covenants are for the mutual benefit of Purchaser and STC and all of the Property, of every portion thereof, of any present and future improvements thereon, and of the present and future owners thereof, and shall run with the land and shall inure to the benefit of and pass with each and all portions of the Property and which shall apply to and bind the respective successors-in-interest thereof.

3. Grant of Easement. Purchaser, for itself and its successors and assigns, hereby grants to STC, and its successors and assigns, an easement to enter into and upon any and all of those portions of the Property identified on Exhibit "B" attached hereto for the purpose of carrying out the Remedial Work and such easement shall extend to all of STC's agents, employees, consultants, contractors and subcontractors in connection with their duties with respect to the Remedial Work. Upon completion of the Remedial Work, this easement shall cease and be of no further force and effect. The benefits and burdens, and the covenants, rights and obligations expressed in this Section 3 are for the benefit of STC and the easement interest of STC herein created and granted, and burden the fee ownership interest of Purchaser herein described, and shall benefit and be binding upon each successive owner, during its ownership, of any portion of such Property and upon each person having any interest therein derived through any owner thereof. STC shall use its right of access to the Property pursuant to this easement in a manner that (i) minimizes to the extent reasonably practicable any interference with Purchaser's use

and occupancy of the Premises, and (ii) is in compliance with applicable laws and regulations.

4. STC's Obligations and Indemnity. STC agrees to (i) repair any damage to the Property or any improvements situated thereon that directly result from any Remedial Work, and (ii) indemnify and hold Purchaser harmless from and against any loss, cost, damage or expense, including reasonable attorneys' fees and costs, actually reasonably incurred by Purchaser in repairing any damage to the Property caused by STC, or actually incurred in connection with any personal injury or property damage suffered by any person or entity as a result of the negligence or wilful misconduct of STC, or STC's consultants, contractors, subcontractors, employees or agents, which occurs in connection with STC's performance of the Remedial Work.

5. Binding Effect. This Declaration shall bind and inure to the benefit of the successors and assigns of the parties hereto.

6. No Admission. In performing or agreeing to perform the Remedial Work upon the Property, STC does not admit or acknowledge, nor shall STC be deemed to have admitted or acknowledged, any liability for the presence of any Hazardous Materials or any other substances or chemicals in the soil or groundwater at the Property.

7. Attorneys' Fees. In the event any action or proceeding at law or in equity is commenced by any party (including, without limitation, an action or proceeding between one of the parties hereto and the trustee or debtor in possession while the other party is a debtor in a proceeding under the Bankruptcy Code (Title 11 of the United States Code or any successor statute to such Code)) to enforce or interpret any provisions of this Agreement or to protect or establish any right or remedy of any party hereunder, the unsuccessful party to such action or proceeding shall pay to the prevailing party all costs and expenses, including, without limitation, reasonable attorneys' and paralegals' fees and expenses and court costs incurred by such prevailing party in such action or proceeding and in any postjudgment motions, contempt proceedings, discovery, bankruptcy, or appeal in connection therewith, whether or not such action, motion, proceeding or appeal is prosecuted to judgment or other final determination, together with all costs of enforcement and/or collection of any judgment (including garnishment, levy, and debtor and third-party examinations) or other relief. If such prevailing party shall recover judgment in any such action, motion, proceeding or appeal such attorneys' and paralegals' fees and costs and court costs shall be included in and shall be a part of such judgment, and any judgment or order entered in any such action, motion, proceeding or appeal shall contain a specific provision for the recovery of any such fees, costs and expenses incurred in enforcing

such judgment or order.

8. Entire Agreement; Modification. This Declaration and the Indemnity Agreement contain the entire understanding and agreement among the parties with respect to the easement granted herein and all prior understandings and agreements between Purchaser and STC, whether oral or written, are merged within the above-listed instruments and are of no further force or effect. This Declaration may be modified only by a writing signed by Purchaser and STC.

9. Governing Law. This instrument shall be governed by and construed in accordance with the laws of the State of New York.

10. Notice. Any and all notices or other communications required or permitted by this Declaration, or by law, to be delivered to, served on, or given to any party to this Declaration shall be in writing, and shall be deemed properly delivered, given or served when personally delivered to such party, when electronically delivered with receipt acknowledged, when delivered by private overnight delivery service with receipt acknowledged, overnight delivery service charges prepaid, or when mailed by United States mail, express, certified or registered, postage prepaid, addressed as follows:

If to Purchaser: NEW HACKENSACK FIRE DISTRICT
217 Myers Corners Road
Wappingers Falls, NY 12590
Attn: William T. Parsons
Fire Commissioner

If to STC: SCHLUMBERGER TECHNOLOGY CORPORATION
441 North Whisman Road, Bldg. 23
Mountain View, California 94043
Attn: Vincent T. Jones

All notices so mailed shall be deemed received on the date of the return receipt or, if delivery is refused or cannot be accomplished, forty-eight (48) hours after deposit in the United States mail or with the overnight courier, as the case may be. Either party may change its address by giving ten (10) days advance written notice of such change to the other party in the manner provided in this Section 10.

11. Severability. If any term, provision, covenant or condition of this Declaration is held by a court of competent jurisdiction to be invalid, void or unenforceable, the rest of this

Declaration shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

IN WITNESS WHEREOF, Purchaser and STC have executed this Declaration as of the date and year first above written.

STC:

SCHLUMBERGER TECHNOLOGY CORPORATION, a Texas corporation

By: _____
Vincent T. Jones
Its: Remedial Project Leader

PURCHASER:

NEW HACKENSACK FIRE DISTRICT

By: _____

Its: _____

[All Signatures Must Be Acknowledged.]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Francisco

On January 30, 1996 (Date) before me, Elia C. Redfield, Notary Public (Name and Title of Officer (e.g., "Jane Doe, Notary Public"))

personally appeared Vincent T. Jones (Name(s) of Signer(s)),

☐ personally known to me – **OR** – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

ELIA C. REDFIELD
COMM. # 1020878
Notary Public — California
SAN FRANCISCO COUNTY
My Comm. Expires MAY 16, 1998

WITNESS my hand and official seal.

Elia C. Redfield
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Declaration of Covenants Conditions and Restrictions And Grant of Easement

Document Date: January 30, 1996 Number of Pages: 12

Signer(s) Other Than Named Above: New Hackensack Fire District

Capacity(ies) Claimed by Signer(s)

Signer's Name: Vincent T. Jones

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☒ Other: Authorized Representative

Signer Is Representing:
Schlumberger Technology Corporation

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: _____

☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

STATE OF NEW YORK)
COUNTY OF DUTCHESS) ss:

On this 29th day of February, Nineteen Hundred and Ninety-Six before me personally came William H. Pottenburg to me personally known, who, being by me duly sworn, did depose and say that he resides at Montfort Road, Wappingers Falls, New York that he is the Chairman of the Board of Fire Commissioners of The New Hackensack Fire District, the corporation described in, and which executed, the above Instrument; that he knows the seal of said corporation; that the seal affixed to said Instrument is such corporate seal; that it was affixed by order of the Board of Fire Commissioners of said corporation; and that he signed his name thereto by like order.

Benjamin P. Roosa Jr.
Notary Public

BENJAMIN P. ROOSA, JR.
Notary Public, State of New York
Qualified in Dutchess County
Commission Expires September 30, 1997

EXHIBIT "A"

CLERK'S NOTE - VARIATION IN TYPE OR OTHER MATERIAL, SAME AS IN ORIGINAL

All that certain piece or parcel of land situate in the Town of WAPPINGER, County of DUTCHESS and State of New York bounded and described as follows:

BEGINNING at a point on the easterly line of All Angels Hill Road, said point being the intersection of the Easterly line of All Angles Hill Road with the southerly line of lands of now or formerly Reuter and

RUNNING THENCE along the southerly and easterly line of lands of now or formerly said Reuter and along the easterly line of lands of now or formerly Muller and along the easterly line of lands of now or formerly Schuele the following: North 83-00-50 East 275.00 feet to a point;

THENCE North 9-59-20 East 135.00 feet to a point;

THENCE North 11-15-40 East 324.55 feet to a point on the southeasterly line of lands of now or formerly Schofield;

THENCE leaving said line and running along the southeasterly line of lands of now or formerly said Schofield, along the remains of a stone wall, North 58-16-30 East 1024.72 feet to a stone wall intersection on the westerly line of lands of Eugene Schuele,

THENCE along the westerly line of land of said Eugene Schuele, along a stone wall and wire fence, as follows: South 14-01-50 East 1740.14 feet to a point;

THENCE South 71-44-20 west 38.46 feet to a point;

THENCE South 24-31-10 West 790.86 feet to a point on the northerly line of lands of now or formerly Snowden;

THENCE leaving said line and running along the northerly line of lands of now or formerly said Snowden, along a wire fence North 64-53-00 West 100.00 feet to a point on the westerly line of lands of now or formerly said Snowden;

THENCE leaving said line and running along lands of new Hackensack Fire Company as follows: North 83-50-50 West 472.88 feet to a point on the easterly line of a 50 foot wide Right-of-Way;

THENCE along the easterly line of said 50 foot wide Right-of-Way along the westerly line of lands of said New Hackensack Fire Company, as follows: South 7-57-10 East 300.00 feet to a point;

THENCE South 10-16-00 West 338.00 feet to a point on the northerly line of Myers Corners Road;

CONTINUED

THENCE along the northerly line of said Meyers Corners Road, South 89-37-30 West 50.77 feet to a point;

THENCE leaving said line and running along the westerly line of aforesaid 50 foot wide Right-of-Way, along the easterly line of land of Eugene Schuele, the following: North 10-16-00 East 343.06 feet to a point;

THENCE North 7-57-10 West 285.16 feet to a point;

THENCE leaving said line and running along the easterly and northerly line of lands of Kapfenstein, as follows: North 33-58-00 West 587.84 feet to a point;

THENCE South 71-29-00 West 200.06 feet to a point on the easterly line of aforesaid All Angels Hill Road;

THENCE leaving said line and running along the easterly line of said All Angels Hill Road, the following: North 17-22-10 West 332.94 feet to a point;

THENCE North 13-06-20 West 366.71 feet to a point;

THENCE North 1-33-00 East 115.23 feet to a point;

THENCE North 9-15-50 East 111.63 feet to a point;

THENCE North 12-03-40 West 13.16 feet to the point of beginning.

EXCEPTING a parcel of land conveyed by Cogar Corporation to the County of Dutchess by Deed recorded in the Dutchess County Clerk's Office in Liber 1271 of Deeds at page 752.

EXHIBIT "B"

GRAY, RAILING & HEINSMAN
ENGINEERING & SURVEYING, P.C.

1369 Route 9 • Wappingers Falls, N.Y. 12590-4453 • 914 297-9435 • FAX 297-0212

November 29, 1995
December 20, 1995 - Revised

Description

Lands being conveyed to
The New Hackensack Fire District
Town of Wappinger

All that lot, parcel or piece of land situate in the Town of Wappinger, County of Dutchess and State of New York, and being more particularly described as follows:

Beginning at a point on the Northerly line of Myers Corners Road, said point of beginning being the Southwest corner of other lands now or formerly The New Hackensack Fire District, said point of beginning also being the Southeasterly corner of the herein described parcel; thence from said point of beginning and along the Northerly line of said Myers Corners Road, South 89-37'-30" West 50.77 feet; thence continuing along the Easterly line of other lands now or formerly The New Hackensack Fire District, and lands now or formerly Magdalany, North 10-16'-00" East 343.06 feet; thence continuing along the Easterly line of lands of said Magdalany, North 07-57'-10" West 285.16 feet; thence along the Northeasterly line of lands now or formerly Frappier, and lands now or formerly Deverri, North 33-58'-00" West 587.11 feet; thence continuing along the Northerly line of lands of said Deverri, South 71-29'-00" West 200.00 feet to the Easterly line of All Angels Hill Road; thence along said line the following five courses and distances, North 17-22'-10" West 332.94 feet; thence North 13-06'-20" West 366.71 feet; thence North 01-33'-00" East 115.23 feet; thence North 09-15'-50" East 111.63 feet; thence North 12-03'-40" West 13.16 feet; thence along the Southerly line of lands now or formerly Brown, North 88-00'-50" East 275.00 feet; thence continuing along the Easterly line of lands of said Brown, North 09-59'-20" East 135.00 feet; thence along the Easterly line of lands now or formerly Sieracki, lands now or formerly Schline, and lands now or formerly Schofer, North 11-15'-40" East 324.55 feet; thence along the Southerly line of lands now or formerly Griffen, and lands now or formerly Ditton, North 58-16'-30" East 1024.72 feet; thence along the Westerly line of lands now or formerly Minotti, South 14-01'-50" East 1740.14 feet; thence along the Northwesterly line of lands now or formerly Husted the following two courses and distances, South 71-44'-20" West 38.46 feet; thence South 24-31'-10" West

790.86 feet; thence along the Northerly line of lands now or formerly Snowden, North 64-53'-00" West 100.00 feet; thence along the Northerly line of other lands now or formerly The New Hackensack Fire District, North 83-50'-50" West 472.88 feet; thence continuing along the Easterly line of said lands the remaining two courses and distances, South 07-57'-10" East 300.00 feet; thence South 10-16'-00" West 338.00 feet to the point of beginning, as shown on a map entitled "Fairchild Camera and Instrument Corporation, Administration Building" Sheet 1, last revised date 3/15/85 as prepared by Hayward & Pakan Associates, Poughkeepsie, New York, and subject to the findings of an accurate field survey up-date.

Containing 59.8 (+/-) Acres.

Excepting and reserving a Utility, Access, Maintenance and Repair Easement, being more particularly described as follows:

Beginning at a point on the Northerly line of Myers Corners Road, said point of beginning being the Southeasterly corner of lands now or formerly The New Hackensack Fire District, said point of beginning also being the Southeasterly corner of the herein described parcel; thence from said point of beginning and along the Northerly line of said Myers Corners Road, South 89-37'-30" West 50.77 feet; thence along the Easterly line of other lands of The New Hackensack Fire District and lands now or formerly Magdalany, North 10-16'-00" East 343.06 feet; thence continuing along the Easterly line of lands of said Magdalany, North 07-57'-10" West 285.16 feet; thence through the above described parcel the following five courses and distances, North 18-13'-40" West 863.11 feet; thence North 23-26'-45" East 717.64 feet; thence South 66-33'-15" East 880.00 feet; thence South 23-26'-45" West 971.22 feet; thence South 59-42'-32" West 450.00 feet; thence along the Westerly line of lands now or formerly The New Hackensack Fire District the remaining two courses and distances, South 07-57'-10" East 300.00 feet; thence South 10-16'-00" West 338.00 feet to the point of beginning.

Excepting and reserving from the above described easement that parcel of land being 10 foot and parallel to the main building extremities, and being more particularly described as follows:

Beginning at a point marking the Northwesterly corner of the herein described parcel; said point of beginning being located, South 75-39'-34" East 123.32 feet from the terminus of course number 4 of the above described easement; thence from said point of beginning and through said easement the remaining courses and distances, North 71-46'-20" East 260.60 feet; thence South 18-13'-40" East 157.00 feet; thence South 71-46'-20" West 15.00 feet; thence South 18-13'-40" East 20.00 feet; thence North 71-

46'-20" East 26.10 feet; thence South 18-13'-40" East 134.00 feet; thence South 71-46'-20" West 271.70 feet; thence North 18-13'-40" West on a line 103.93 feet Easterly of and parallel to course number 4 of the above described easement 311.00 feet to the point of beginning.

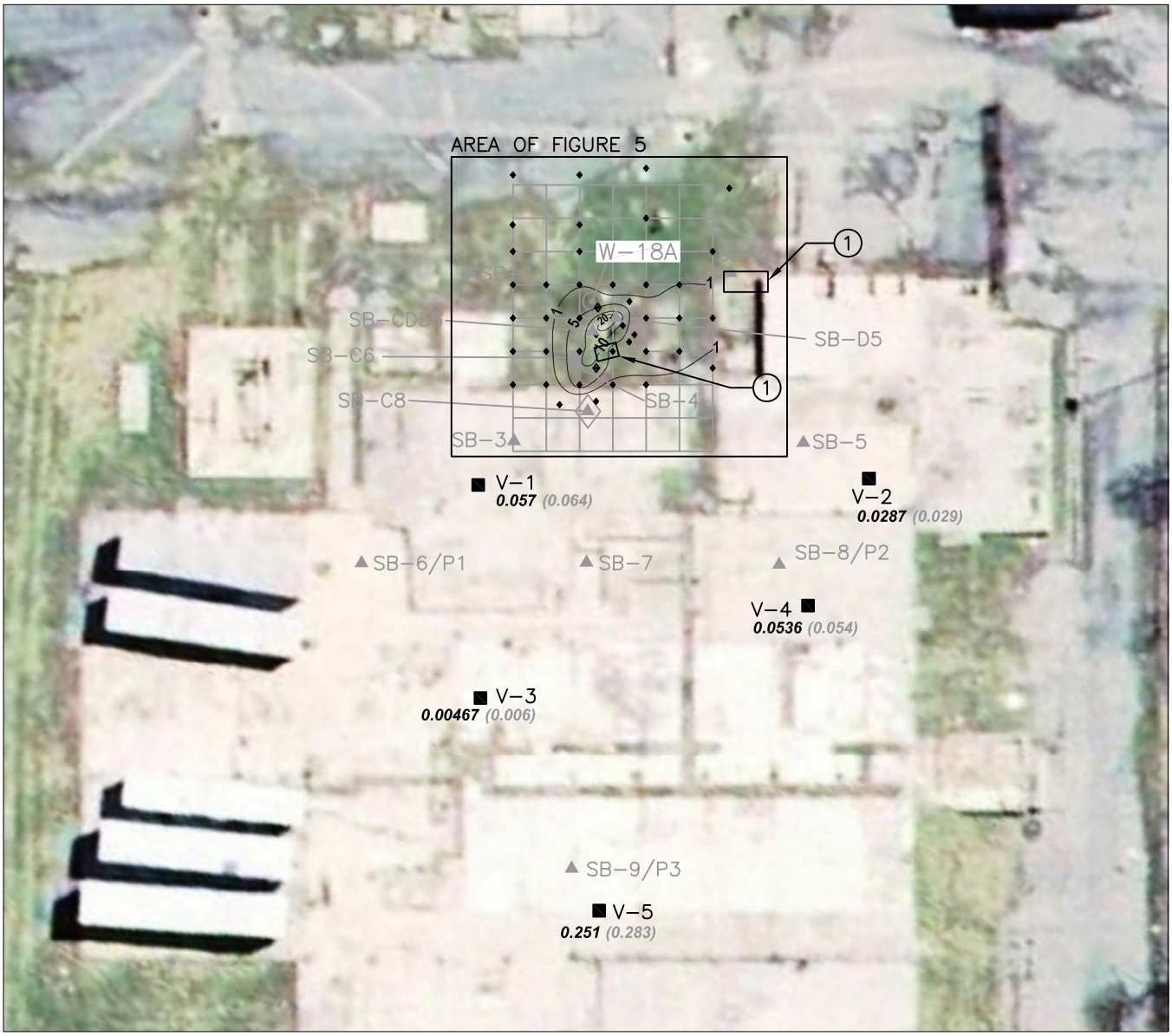
The above described easement and easement exceptions, taken from the map showing lands to be conveyed to The New Hackensack Fire District, dated November 28, 1995, by Gray, Railing & Heinsman, P.C., Wappingers Falls, New York.

Subject also to any other right-of-way, easement, covenant or restriction of record.

Project No: 95:099

APPENDIX D

REMEDIAL INVESTIGATION SOIL VAPOR DATA



EXPLANATION

V-4 ■ **0.0536** (0.054) — SUB-SLAB SOIL VAPOR POINT (USING SUMMA CANISTERS), OCTOBER 2007 AND JULY 2008 CONCENTRATION OF TRICHLOROETHENE (TCE) AND TOTAL CHLORINATED ETHYLENES (PCE, TCE, DCE, AND VINYL CHLORIDE) IN SOIL VAPOR, PARTS PER MILLION BY VOLUME (PPMV)

◆ — GAS DETECTION TUBE SOIL VAPOR SURVEY POINT (SEE FIGURE 5 FOR CHLORINATED ETHYLENE VALUES)

SB-9/P3 ▲ — SOIL AND GROUND WATER SAMPLING POINT/PIEZOMETER

◈ — COMBINED SOIL AND GROUND WATER AND GAS DETECTION TUBE SAMPLING POINT, JULY 2008

10 — ISOCONCENTRATION CONTOUR FOR CHLORINATED ETHYLENES IN SOIL VAPOR, (PPMV)

KEY NOTE:

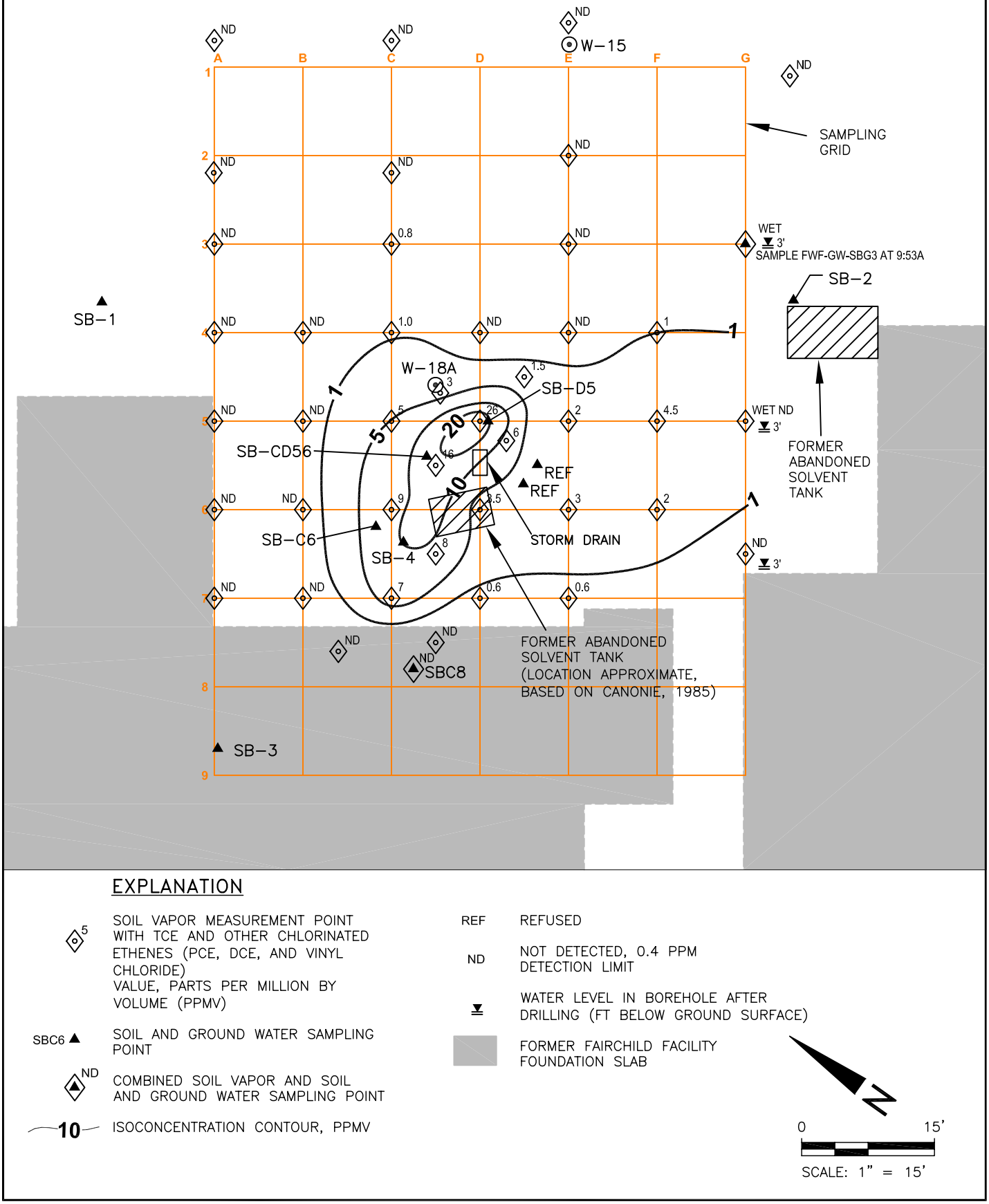
(1) FORMER ABANDONED SOLVENT TANK

N

0 50' 100'

SCALE: 1" = 50'

Figure 4. Trichloroethene and Total Chlorinated Ethylenes in Soil Vapor, October 2007 and July 2008, W-18A Vicinity Investigation, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York



EXPLANATION

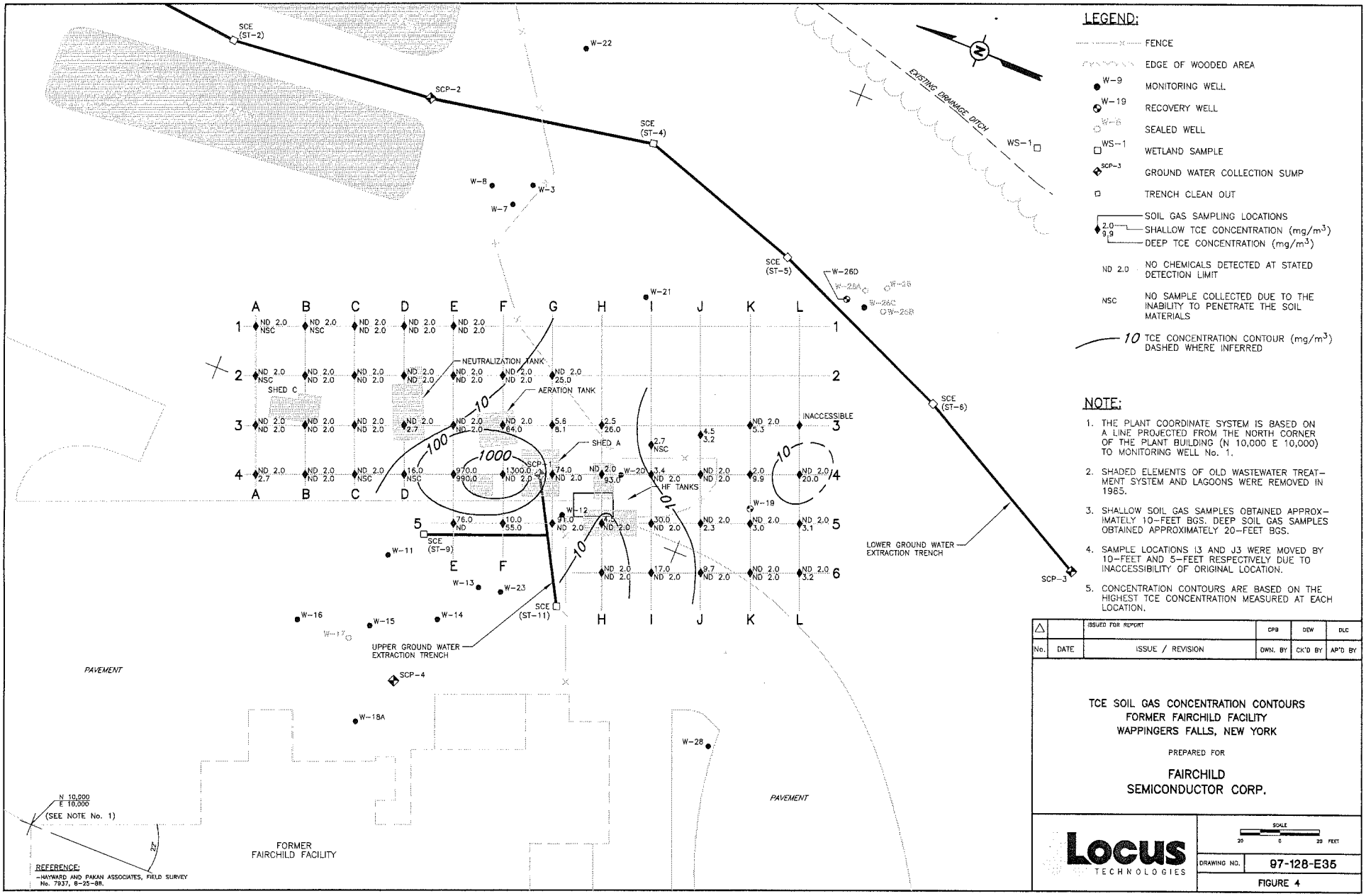
- 5 — SOIL VAPOR MEASUREMENT POINT WITH TCE AND OTHER CHLORINATED ETHENES (PCE, DCE, AND VINYL CHLORIDE) VALUE, PARTS PER MILLION BY VOLUME (PPMV)
- SBC6 ▲ — SOIL AND GROUND WATER SAMPLING POINT
- ND — COMBINED SOIL VAPOR AND SOIL AND GROUND WATER SAMPLING POINT
- 10 — ISOCONCENTRATION CONTOUR, PPMV
- REF — REFUSED
- ND — NOT DETECTED, 0.4 PPM DETECTION LIMIT
- ▼ — WATER LEVEL IN BOREHOLE AFTER DRILLING (FT BELOW GROUND SURFACE)
- FORMER FAIRCHILD FACILITY FOUNDATION SLAB

N

0 15'

SCALE: 1" = 15'

Figure 5. Trichloroethene and Other Chlorinated Ethylenes in Soil Vapor, July 23–24, 2008, 91 All Angels Hill Road, Wappingers Falls, New York



LEGEND:

- FENCE
- EDGE OF WOODED AREA
- W-9 — MONITORING WELL
- W-19 — RECOVERY WELL
- W-6 — SEALED WELL
- WS-1 — WETLAND SAMPLE
- SCP-3 — GROUND WATER COLLECTION SUMP
- TRENCH CLEAN OUT
- SOIL GAS SAMPLING LOCATIONS
- 2.0 / 9.9 — SHALLOW TCE CONCENTRATION (mg/m^3) / DEEP TCE CONCENTRATION (mg/m^3)
- ND 2.0 — NO CHEMICALS DETECTED AT STATED DETECTION LIMIT
- NSC — NO SAMPLE COLLECTED DUE TO THE INABILITY TO PENETRATE THE SOIL MATERIALS
- 10 — TCE CONCENTRATION CONTOUR (mg/m^3) DASHED WHERE INFERRED

NOTE:

1. THE PLANT COORDINATE SYSTEM IS BASED ON A LINE PROJECTED FROM THE NORTH CORNER OF THE PLANT BUILDING (N 10,000 E 10,000) TO MONITORING WELL No. 1.
2. SHADED ELEMENTS OF OLD WASTEWATER TREATMENT SYSTEM AND LAGOONS WERE REMOVED IN 1985.
3. SHALLOW SOIL GAS SAMPLES OBTAINED APPROXIMATELY 10-FEET BGS. DEEP SOIL GAS SAMPLES OBTAINED APPROXIMATELY 20-FEET BGS.
4. SAMPLE LOCATIONS I3 AND J3 WERE MOVED BY 10-FEET AND 5-FEET RESPECTIVELY DUE TO INACCESSIBILITY OF ORIGINAL LOCATION.
5. CONCENTRATION CONTOURS ARE BASED ON THE HIGHEST TCE CONCENTRATION MEASURED AT EACH LOCATION.

REFERENCE:
-HAYWARD AND PAKAN ASSOCIATES, FIELD SURVEY No. 7937, 8-25-88.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
△		ISSUED FOR REPORT	CPB	DEW	DLC

TCE SOIL GAS CONCENTRATION CONTOURS
FORMER FAIRCHILD FACILITY
WAPPINGERS FALLS, NEW YORK

PREPARED FOR

FAIRCHILD
SEMICONDUCTOR CORP.

Locus TECHNOLOGIES

SCALE 20 0 20 FEET

DRAWING NO. 97-128-E35

FIGURE 4

K:\97-128\E35.DWG 02-OCT-01

APPENDIX E

MONITORING WELL BORING AND CONSTRUCTION LOGS

Canonie

Boring Log

PROJECT No. CH 84-098
BORING No. W-12
PAGE 1 OF 2

PROJECT NAME FAIRCHILD FACILITY - WAPPINGERS FALLS, NEW YORK
BORING LOCATION * N 9,806.0 E 10,226.0 SURFACE ELEV. 228.1
DRILLER KENDRICK DRILLING DATE: START 1/22/85 FINISH 1/23/85

DEPTH	SAMPLE No.	TYPE	INTERVAL FROM	INTERVAL TO	BLOW COUNT 0 6	BLOW COUNT 6 12	BLOW COUNT 12 18	RECOVERY IN INCHES	U.S.C.S. SOIL TYPE	PERCENT MOISTURE	qu TSF	CONTACT DEPTH	SOIL DESCRIPTION AND REMARKS	PIEZO.
5	1	SS	5.0	7.0	4 9	8	10	24	ML-SW	14				
10	2	SS	10.0	12.0	2 11	3	9	24	CL-ML	20			STIFF BROWN CLAYEY SILT, SOME TO 50 PERCENT FINE TO COARSE SAND, TRACE FINE GRAVEL.	
15														
20	3	SS	20.0	22.0	36 55	74	90	20	ML-SW	10	>4.5	19.0		
25	4	SS	25.0	25.5				6	CL-ML	13	>4.5		VERY DENSE GRAY CLAYEY SILT, TRACE TO 50 PERCENT FINE TO COARSE SAND, SOME FINE GRAVEL.	
30	5	SS	30.0	32.0	26	45	75	23	ML	9	>4.5			
35	6	SS	35.0	35.7	90			9	ML	9	>4.5	36.0		
													BOTTOM OF BORING AT 36 FT.	

*PLANT COORDINATES

Canonie

Boring Log

PROJECT No. CH 84-098

BORING No. W-12

PAGE 2 OF 2

PROJECT NAME FAIRCHILD FACILITY - WAPPINGERS FALLS, NEW YORK

BORING LOCATION * N 9,806.0 E 10,226.0 SURFACE ELEV. 228.1

DRILLER KENDRICK DRILLING DATE: START 1/22/85 FINISH 1/23/85

DEPTH	SAMPLE No.	SAMPLE TYPE	SAMPLE INTERVAL FROM	SAMPLE INTERVAL TO	BLOW COUNT 0 TO 6	BLOW COUNT 6 TO 12	BLOW COUNT 12 TO 18	RECOVERY IN INCHES	U.S.C.S. SOIL TYPE	PERCENT MOISTURE	qu TSF	CONTACT DEPTH	SOIL DESCRIPTION AND REMARKS	PIEZO.
													NOTES: 1. WATER ENCOUNTERED AT 15 FT. 2. WELL SCREEN INSTALLED UPON COMPLETION. 3. FOR WELL DETAILS, SEE OBSERVATION WELL DETAILS.	

Canonie

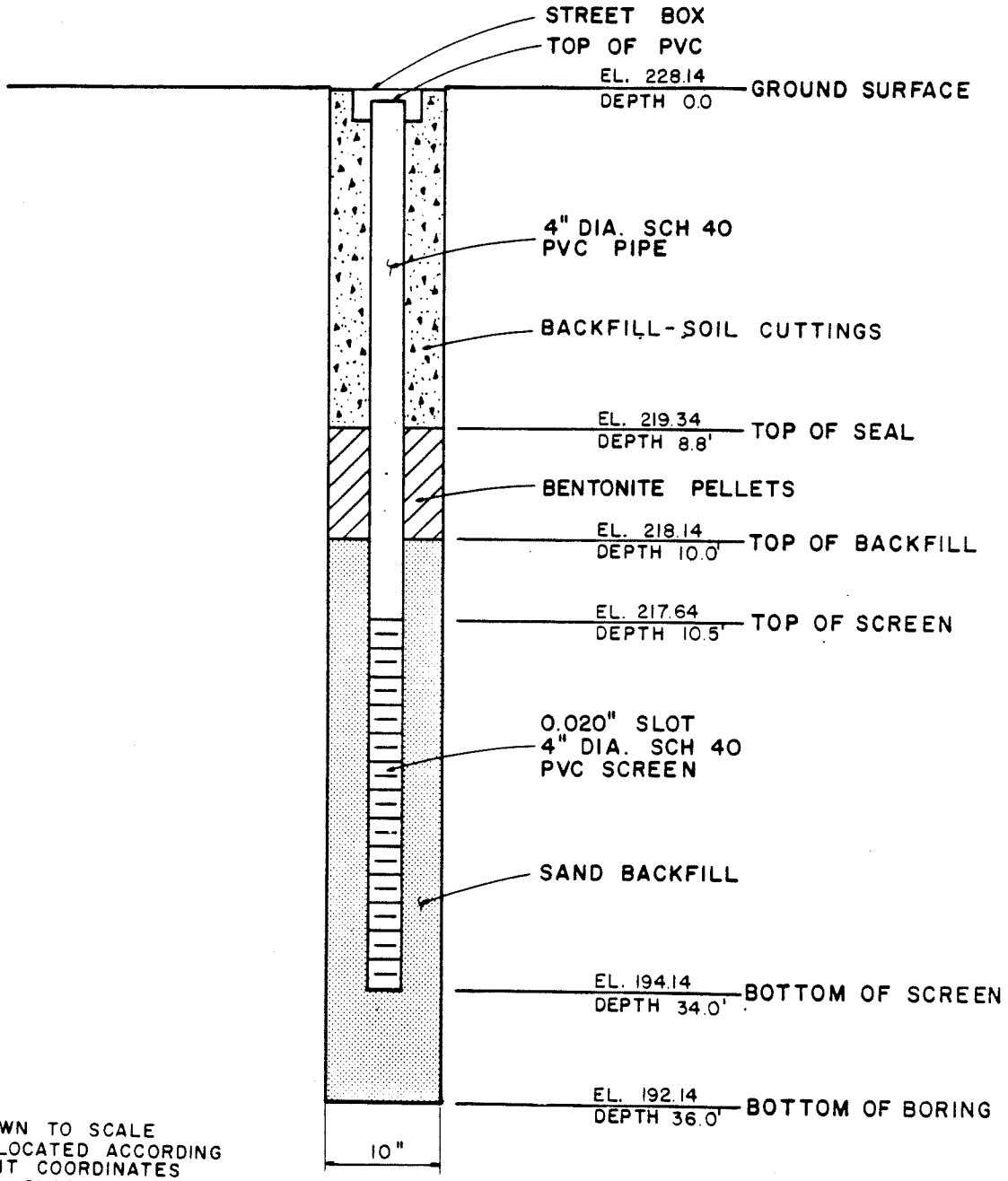
Observation Well Details

PROJECT No. CH 84-098

WELL No. W-12

PROJECT NAME FAIRCHILD FACILITY-WAPPINGERS FALLS, NEW YORK

BORING LOCATION N 9,806.0 E 10,226.0 DATE 1-23-85 BY JKB



NOTES:

1. NOT DRAWN TO SCALE
2. BORING LOCATED ACCORDING TO PLANT COORDINATES
3. FOR SOIL CLASSIFICATION SEE BORING LOG 12

Canonie

Boring Log

PROJECT No. CH 84-098-02
BORING No. W-27
LOGGED BY J. HANLEY
PAGE 1 OF 2

PROJECT NAME FAIRCHILD SEMICONDUCTOR CORPORATION, WAPPINGERS FALLS, NEW YORK
BORING LOCATION *N 9,978.2 E 10,482.8 SURFACE ELEV. 197.3
DRILLER SOIL & MATERIAL TESTING, INC. DATE: START 6-27-86 FINISH 6-27-86

DEPTH	SAMPLE No.	SAMPLE TYPE	INTERVAL FROM	INTERVAL TO	BLOW COUNT 0-6	BLOW COUNT 6-12	BLOW COUNT 12-18	RECOVERY IN INCHES	U.S.C.S. SOIL TYPE	PERCENT MOISTURE	qu TSF	CONTACT DEPTH	SOIL DESCRIPTION AND REMARKS	PIEZO.
	1	MS	0.5	2.5	25	24	22	12	GC					
					24								BROWN CLAYEY GRAVEL, TRACE OF FINE SAND.	
5	2	MS	5.0	7.0	7	7	6	0				8.0		
					12								BROWN MOTTLED GRAY SILTY CLAY.	
10	3	MS	10.0	12.0	13	7	6	18	CL					
					6							14.0		
15	4	MS	15.0	17.0	20	17	20	24	CL				BROWN SILTY CLAY.	
					18							19.0		
20	5	MS	20.0	22.0	14	20	25	2	GM				BROWN CLAYEY GRAVEL, TRACE OF FINE SAND, SILT.	
					19							23.5		
25	6	MS	25.0	27.0	17	22	21	16	CL				BROWN-GRAY CLAY.	
					18							30.0		
30	7	MS	30.0	31.0	78	100		10	CL				GRAY SILTY CLAY.	
35												35.0		
													BOTTOM OF BORING AT 35.0 FT.	

Rev. 2-86 *PLANT COORDINATES

Canonie

Boring Log

PROJECT No. CH 84-098-02
BORING No. W-27
LOGGED BY J. HANLEY
PAGE 2 OF 2

PROJECT NAME FAIRCHILD SEMICONDUCTOR CORPORATION, WAPPINGERS FALLS, NEW YORK
BORING LOCATION *N 9,978.2 E 10,482.8 SURFACE ELEV. 197.3
DRILLER SOIL & MATERIAL TESTING, INC DATE: START 6-27-86 FINISH 6-27-86

DEPTH	SAMPLE No.	SAMPLE TYPE	SAMPLE INTERVAL FROM	SAMPLE INTERVAL TO	BLOW COUNT 0 TO 6	BLOW COUNT 6 TO 12	BLOW COUNT 12 TO 18	RECOVERY IN INCHES	U.S.C.S. SOIL TYPE	PERCENT MOISTURE	qu TSF	CONTACT DEPTH	SOIL DESCRIPTION AND REMARKS	PIEZO.
													NOTES: 1. A 4-IN.-DIAMETER SCH 40 PVC WELL SCREEN WAS INSTALLED UPON COMPLETION, SEE W-27 OBSERVATION WELL DETAILS.	

Rev 2-86

Canonie

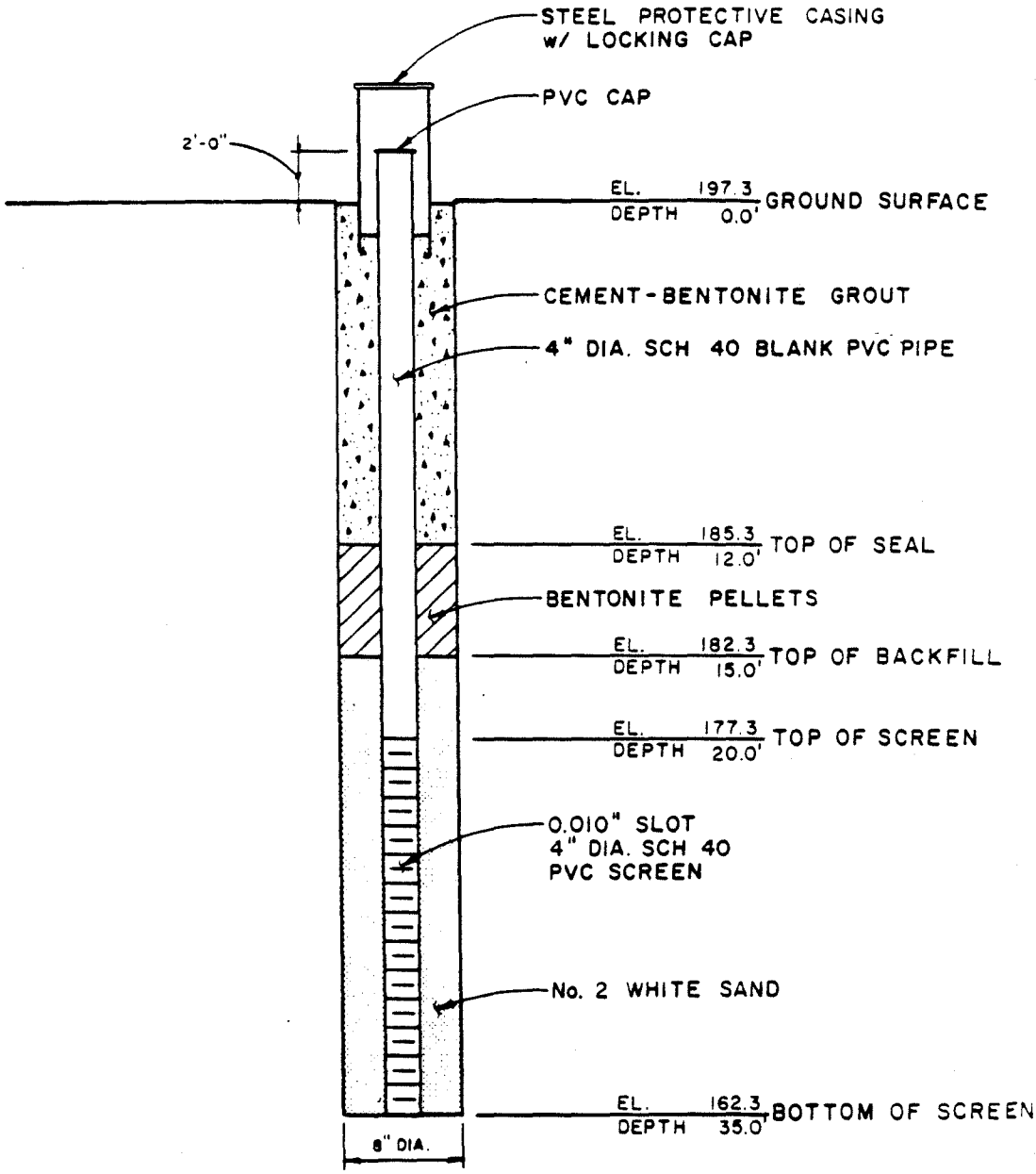
Observation Well Details

PROJECT No. CH84-098-02

WELL No. W-27

PROJECT NAME FAIRCHILD FACILITY - WAPPINGER FALLS, NEW YORK

BORING LOCATION N 9,978 E 10,483 DATE 6-27-86 BY JDH



NOTES:

1. NOT DRAWN TO SCALE.
2. SEE BORING LOG W-27 FOR DETAILED SOIL DESCRIPTION.
3. BORING LOCATED ACCORDING TO PLANT COORDINATES.

APPENDIX F

ROUTE TO HOSPITAL

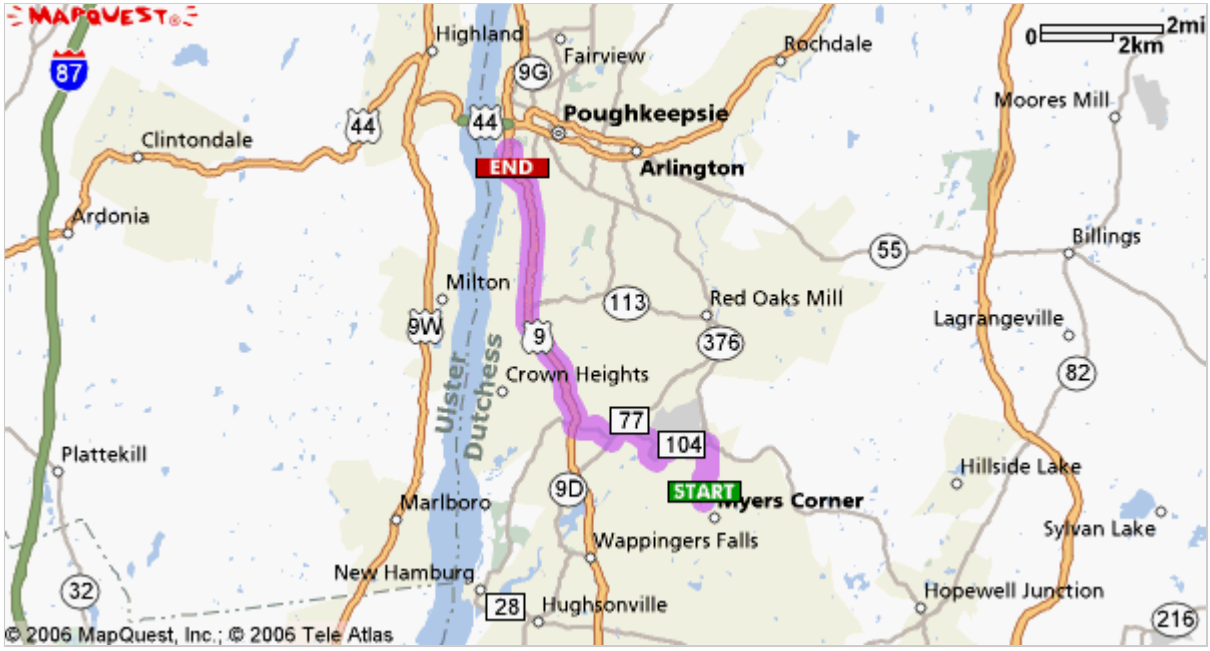
MAPQUEST

Start: **91 All Angels Hill Rd**
Wappingers Falls, NY 12590-1812, US

End: **45 Reade Pl**
Poughkeepsie, NY 12601-3947, US

Notes:
dxns to Vassar Bros Hospital

Directions		Distance
Total Est. Time: 17 minutes	**Total Est. Distance:** 9.11 miles	
START	**1:** Start out going NORTH on ALL ANGELS HILL RD / CR-94 toward WIDMER RD.	0.9 miles
	2: Turn LEFT onto NEW HACKENSACK RD / CR-104.	0.9 miles
	3: Turn RIGHT onto CR-110 / JACKSON RD.	0.9 miles
	4: Turn LEFT onto VASSAR RD / CR-77.	0.3 miles
	5: Turn RIGHT onto SPRING RD.	0.6 miles
NORTH 9	**6:** Turn RIGHT onto SOUTH RD / US-9 N. Continue to follow US-9 N.	4.9 miles
RAMP	**7:** Take the COLUMBIA ST ramp toward RINALDI BLVD.	<0.1 miles
	8: Turn RIGHT onto COLUMBIA ST.	<0.1 miles
	9: Turn RIGHT onto YOUNG ST.	0.1 miles
	10: Turn RIGHT onto READE PL.	<0.1 miles
END	**11:** End at **45 Reade Pl** Poughkeepsie, NY 12601-3947, US	
Total Est. Time: 17 minutes	**Total Est. Distance:** 9.11 miles	



Start:
91 All Angels Hill Rd
Wappingers Falls, NY 12590-1812, US

End:
45 Reade Pl
Poughkeepsie, NY 12601-3947, US

APPENDIX G

GROUNDWATER TREATMENT SYSTEM DECOMMISSIONING DETAILS

APPENDIX G – GROUNDWATER TREATMENT SYSTEM DECOMMISSIONING DETAILS

Decommissioning of several monitoring wells and the GWETS was performed in accordance with the *Groundwater Monitoring and Treatment System Decommissioning Plan* (Weiss, 2012). Decommissioning activities were performed between November 2012 and May 2013. NYSDEC approved the decommissioning plan in a letter dated October 9, 2012 (NYSDEC, 2012). Deviations from the work plan were approved by NYSDEC as described in the following sections. The decommissioning included seventeen wells and three piezometers, four sumps, eight trench cleanouts, the discharge outfall, and the GWETS equipment (Figure G-1). Five monitoring wells (W-8, W-12, W-18A, W-26D, and W-27) were not decommissioned so that they can be monitored per the Site Monitoring Plan (Section 3.0).

G-1 Monitoring Wells and Piezometers

The wells and piezometers were decommissioned in accordance with NYSDEC Commissioner's Policy CP-43: *Groundwater Monitoring Well Decommissioning Policy* (NYSDEC, 2009b). Each installation was grouted in-place in general accordance with the *Final Groundwater Monitoring Well Decommissioning Procedures* (NYSDEC, 2009a). Pumps, hardware, and dedicated sampling equipment were removed prior to grouting each well. Horizontal piping that previously conveyed extracted groundwater from well W-19 to the treatment system building was disconnected from the well and capped.

Cement grout was pumped under pressure through a tremie pipe into each well and piezometer casing. The grout was allowed to settle and harden overnight. Weiss confirmed that the grout in each piezometer and casing had hardened within approximately five feet of ground surface.

The surface completions (e.g., stovepipes, well vaults) and upper five feet of casing were excavated for nearly all of the wells. Per the decommissioning plan, the resultant excavations were backfilled with low-permeability soil to provide a barrier between the surface and the water table. Prior to the backfill placement, a metal marker was placed at the top of the pre-existing sanitary seal grout. The surface around each decommissioned well was restored to match the surrounding grade and surface type. Areas of disturbed soil were tilled and seeded to minimize surface erosion.

The upper five feet of casing was not excavated for the three piezometers or for well W-23. For these, NYSDEC agreed to allow the shallow well casings to remain and be backfilled and sealed to the surrounding grade (Telephone communication, 2013). This alternate method was selected at these locations because excavating around each well casing would have likely resulted in an inferior surface seal given that the water table at these locations was less than five feet deep.

Each well or piezometer was inspected before decommissioning, and observations and measurements were recorded on NYSDEC "Monitoring Well Field Inspection Log – NYSDEC Well Decommissioning Program" Forms. The data for each well were checked against Site records to ensure that the correct wells were decommissioned. Well depths and casing diameters were measured

and recorded and used to estimate the grout volume needed to backfill each well. The decommissioning procedure and configuration were recorded on NYSDEC "Well Decommissioning Record" Forms.

G-2 Trench Sumps and Cleanouts

Surface penetrations associated with the GWETS included four sumps (SUMP-1, SUMP-2, SUMP-3 and SUMP-4) and the trench cleanouts. Void spaces deeper than 5 ft bgs were backfilled with gravel, and the upper five feet were backfilled with low permeability soil. This soil was imported from an off-site quarry. Prior to the delivery of soil to the Site, Weiss reviewed analytical data to verify that the import met Soil Cleanup Objectives (SCOs) for unrestricted use. No analytes were detected in the import samples above the SCOs.

Before decommissioning, pumps and other hardware were removed from the sumps, and horizontal piping connected to the sumps was either removed or capped. The casings were then backfilled with gravel at depths greater than 5 ft bgs. The casings were cut off at 5 ft bgs, and the casing and associated materials shallower than 5 ft bgs (*e.g.*, casing, annulus material, surface vaults, etc.) were excavated. The resultant excavations were backfilled with low permeability material comparable to the surrounding fine-grained soil at each location. The backfilled surfaces were graded, and topsoil and grass seed were added to match surrounding conditions.

G-3 Discharge Outfall

The former GWETS discharge outfall was decommissioned by excavating and capping the influent pipe that entered the concrete outfall vault. On April 16, 2013, NYSDEC Environmental Engineer Vijay Gandhi performed a Site inspection to confirm that the outfall was disconnected. Subsequently, the above ground portion of the vault walls were removed, and the excavation and vault were compacted with low permeability soil. Topsoil, grass seed and straw mulch were placed to finish the backfill and protect against erosion. Weiss submitted a request to NYSDEC to relinquish the SPDES permit in a letter dated April 26, 2013 (Weiss, 2013). NYSDEC approved the request in a Notice of Permit Discontinuance letter dated June 10, 2013 (NYSDEC, 2013).

G-4 GWETS Building and Treatment Equipment

The GWETS building was left in place, and the treatment equipment was disconnected and prepared to be removed from the Site. The two inactive GAC vessels and particulate filter housings had been emptied in 2002. Weiss confirmed that they are empty and dry. This equipment will either be reused at another remediation project site or recycled. Above ground piping that conveyed extracted groundwater was removed. Underground water piping and electrical conduits that led to the building were disconnected and capped below the surface, and the surface penetrations through the floor of the GWETS building were sealed by filling with concrete.

Central Hudson & Gas Corporation terminated the electrical service to the building. Panels, conduit, wiring and other electrical fixtures in the building were left in place. Computer and supervisory control and data acquisition (SCADA) equipment that were used to operate the GWETS were either removed and recycled, or left in place for eventual reuse at another site. Electric panels

and pump controls that were mounted above ground at wells W-19 and W-26D were disconnected and recycled.

G-5 Appendix G References

NYSDEC, 2009a. *Final Groundwater Monitoring Well Decommissioning Procedures*, August.

NYSDEC, 2009b. Commissioner's Policy CP-43: *Groundwater Monitoring Well Decommissioning Policy*, November 3.

NYSDEC, 2012. Letter from R. Scott Deyette NYSDEC to Schlumberger Technology Services, Subject: Re: Former Fairchild Semiconductor Facility, Wappingers Falls, Dutchess County, Site #314067, Groundwater Monitoring and Treatment System Decommissioning Plan, October 9.

NYSDEC, 2013. Letter from Daniel T. Whitehead to Weiss Associates, Subject: Notice of Permit Discontinuance, DEC Permit No. 3-1356-00081/00001, SPDES No. 0061026, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, NY, June 10.

Telephone Communication, 2013. Discussion between Weiss Hydrogeologist William A. McIlvride and NYSDEC Inspection Unit Chief R. Scott Deyette, May 21.

Weiss, 2012. *Groundwater Monitoring and Treatment System Decommissioning Plan, Former Fairchild Facility, Wappingers Falls, New York*, May 22.

Weiss, 2013. *Request to Relinquish Permit, State Pollutant Discharge Elimination System, Former Fairchild Facility, Wappingers Falls, New York, SPDES No. NY 006-1026, DEC ID No. 3-1356-00081, NYSDEC Site Code #314067*. April 26.

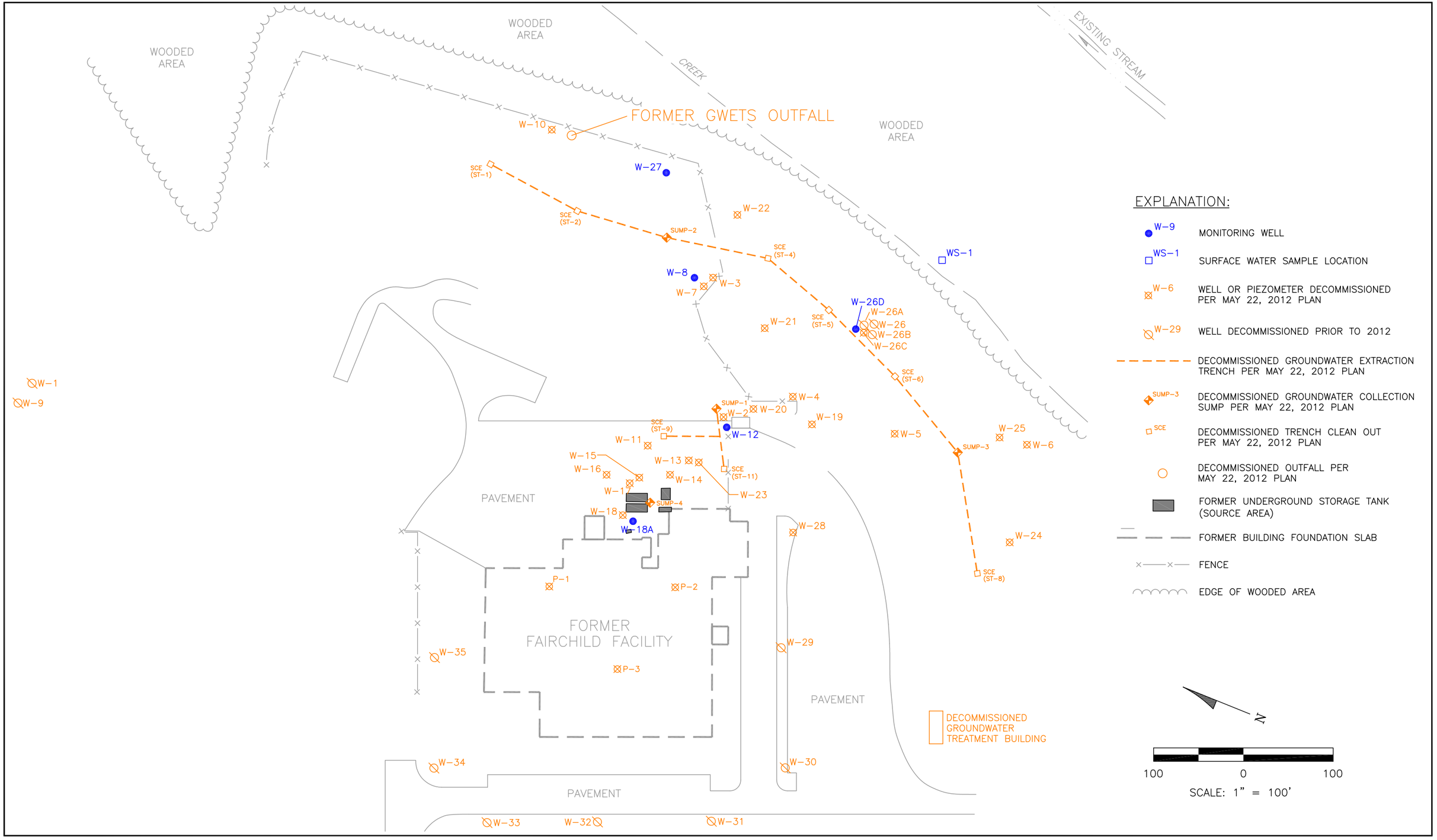


Figure G-1. Site Plan and Monitoring Well Locations, Former Fairchild Facility, 91 All Angels Hill Road, Wappingers Falls, New York

APPENDIX H

SITE-WIDE INSPECTION FORM

Site-Wide Inspection Form

Site: 91 All Angels Hill Road, Wappingers Falls, NY NYSDEC Site No 314067 Page _____ of _____

Inspection Performed by (name, company): _____ Date: _____

General Site Condition *(describe):* _____

Current Site Use *(describe activities onsite including any business or occupancy)*: _____

Evidence of chemical use or storage onsite? ☐ Yes ☐ No

If yes, describe: _____

Describe above ground site structures and sketch location of each on attached map: _____

Evidence of recent ground disturbance (*excavations, trenches, stockpiles, disturbed vegetation, etc.)*? ☐ Yes ☐ No

If yes, describe: _____

Evidence of recent, current or planned site construction *(construction equipment or supplies, survey stakes, etc.)*? ☐ Yes ☐ No

If yes, describe: _____

Evidence of site groundwater use (*extraction wells, treatment systems, etc.*)? ☐ Yes ☐ No

If yes, describe: _____

Evidence of gardens, farming or agriculture? ☐ Yes ☐ No

If yes, describe: _____

Monitoring Well Conditions

	W-08	W-12	W-18A	W-26D	W-27
Well accessible by foot?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Wellhead locked and in good condition?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Casing clear of obstructions to total depth?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Other notes about well conditions: _____

Is WS-01 location demarcated and accessible by foot? ☐ Yes ☐ No

Other insepction notes: _____