

From: "Stephen Phelps" <SPhelps@PrecisionEnvironmentalny.com>
To: "Christopher O'neill" <cxoneill@gw.dec.state.ny.us>
CC: "Keith Goertz" <KdGoertz@gw.dec.state.ny.us>, "Bill Hennessy" <hennessye...>
Date: 1/27/2009 3:47 PM
Subject: Freeman's Bridge Farm Revised Work Plan
Attachments: FBR Farm Work Plan 1-26-09.pdf

Chris - Based on the meeting conducted at your office last Thursday (1-22-09), attached for your review and approval is a revised work plan regarding the Freeman's Bridge Farm site. Once I receive approval of the plan I will finalize the budget for the work. Feel free to call if you have any questions.

Regards, Stephen

Stephen M. Phelps
Environmental Scientist
Precision Environmental Services, Inc.
831 Rt. 67, Lot 28
Ballston Spa, NY 12020
Tel: 518-885-4399
Fax: 518-885-4416

~Certified Women-Owned Business Enterprise (WBE)~



PRECISION
ENVIRONMENTAL SERVICES, INC.

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

January 26, 2009

Mr. Christopher O'neill, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
Region 4
1130 North Westcott Road
Schenectady, NY 12306

RE: Proposed Work Plan
Surface Water Interim Remedial Measure, Phase I
Farm, Freeman's Bridge Road
101 – 107 Freeman's Bridge Road, Glenville, NY
NYSDEC Inactive Hazardous Waste Site No.: 447039
NYSDEC Spill No.: 0607627

Dear Mr. O'neill:

This letter is intended to represent Precision Environmental Services, Inc.'s (PES) proposed work plan to implement interim remedial measures at 101-107 Freeman's Bridge Road properties (the "Site") (see Attachment A, Figure 1 for site location detail). The work that has been proposed herein is pursuant to a review of historical documents provided to PES by the NYSDEC, results of surface water sample collection and analysis (performed by PES) and recent discussions regarding new developments and possible courses of action for the site. All work discussed herein has been proposed to collect information related to the remediation of surface and groundwater at the subject site to facilitate in the design and construction of a permanent remedial system.

BACKGROUND

In fall 2006, The Chazen Companies (TCC) completed a Phase II Site Investigation at the site to facilitate development of parcels of land adjacent to the site by Lowe's Home Improvement Warehouse (Lowe's). The results of the Phase II assessment, which were presented in TCC's February 13, 2007 *Phase II Environmental Site Assessment* report of findings, indicated that adjacent properties existing along the western portion of Freeman's Bridge Road have been impacted by the presence of volatile organic compounds, specifically tetrachloroethene (PCE) and daughter compounds trichloroethene (TCE) and cis 1,2-dichloroethene (DCE). TCC's work determined that

impacts (dissolved phase VOCs) were present in the phreatic zone within the subsurface and that vapor phase contaminants were also present within the vadose zone. Ultimately, their work did not identify the source of the contaminants.

The NYSDEC later hired Earth Tech to complete additional investigative work to provide further lateral and vertical contaminant delineation as well as source identification. Earth Tech's investigation, which was completed in August and September 2007, involved the installation of several soil vapor monitoring points, soil borings and groundwater monitoring wells as well as the sampling and analysis of various site media (soil, water and vapor). Based on the data presented within Earth Tech's December 12, 2007 *Final Report – Immediate Investigation Work Assignment*, their efforts succeeded in providing further delineation of the contaminant plume except for specific source identification as site access at the time the work was completed was partially restricted. Specifically, the NYSDEC and Earth Tech did not have access to property owned by Ultimate LLC (lots 118 and 119), which are located along the western portion of Freeman's Bridge Road between the B&M Railroad Co. property and Corry Street (paper street), both of which represent the northern and southern boundaries of the inaccessible portion of the site respectively (see Attachment A, Figure 2, for detail).

Ultimately, Earth Tech concluded the most likely source is located on the inaccessible lots (numbers 118 and 119) known as 107 Freeman's Bridge Road, significant dissolved phase PCE contamination, which may be indicative of free phase and/or residual PCE existing in soils at the source location, resides in a relatively shallow water bearing zone immediately down gradient of the suspected source property and impacted groundwater within the shallow water bearing zone is migrating vertically downward toward a deeper water bearing zone and laterally to the south-southeast parallel to Freeman's Bridge Road.

In June 2008, TCC reported to the NYSDEC that they identified an apparent stormwater drainage pipe that was discharging PCE impacted groundwater to the surface immediately to the rear of 101 Freeman's Bridge Road property. The pipe identified by TCC is located to the south-southwest of previously installed groundwater monitoring wells that are known to be impacted by previously identified contaminants associated with the site. To further investigate the pipe the NYSDEC hired PES, under standby investigation and remediation contract No.: D400320, to unearth the pipe and obtain additional surface water samples to characterize water within the pipe, determine its origin and nature and extent of impacts.

On July 29, 2008 PES mobilized personnel and equipment to the site to uncover the pipe beginning at the discharge point identified by TCC. The results of this intrusive work determined that the pipe, which is constructed of numerous, five-foot long, 12-inch diameter steel sections that were placed together and not welded or otherwise sealed, originates at the end of a swale that resides to the north of lot 119 between the border of the B&M Railroad Co. property and the inaccessible lots owned by Ultimate LLC.

Subsequent sampling of surface waters within the swale and at accessible points along the run of the pipe indicate that the surface water is not impacted at the apparent source where the water is believed to originate within the swale (see Attachment A, Figure 3 for detail regarding the most recent sampling event). Initial impacts are first observed where surface water enters the pipe at the western end of the swale. Down stream samples taken at a break point in the pipe and the pipe outlet, both of which contain a higher concentration of contaminants than that of water where it initially enters the pipe, indicate that additional contaminants are entering the pipe and thereby increasing the overall concentration of contaminants within the water being conveyed. The complete laboratory report for the most recent sampling event (December 22, 2008) has been included in Attachment B.

PROPOSAL INTENT

Following completion of the various site investigations as described above, Lowe's has moved forward with their plans to construct their retail facility to the south-southwest of the site. As of December 22, 2008 initial clearing and grubbing activities have started and are underway. Impacted groundwater from the surface flow that is conveyed by the pipe located at the rear of 101 Freeman's Bridge Road property is migrating from the pipe outlet to Lowe's construction site located immediately down gradient. The results of the surface water samples obtained on December 22, 2008 (see Attachment A, Figure 2 for detail) are indicative of present concentrations residing within the surface water.

The intent of this proposed interim remedial measure is to capture and remediate impacted surface water from the pipe prior to its discharge at the rear of 101 Freeman's Bridge Road. Additionally, the interim measure will also provide for pilot testing and possible remediation of the documented dissolved phase contaminant plume. Ultimately, information obtained through the interim remediation of surface and groundwater will be utilized to design and construct a permanent remedial system for the site. An outline of work proposed within this plan is as follows:

- Estimate the current flow rate of water emanating from the pipe
- Install an improved site access road at Corry Street (paper street)
- Implement a community air monitoring program during intrusive work
- Install a surface water collection sump whereby water currently conveyed by the pipe will be collected for treatment
- Install a groundwater recovery well to facilitate pilot testing via a pump test and possible interim remedial measures of the contaminant plume

FLOW RATE DETERMINATION STUDY

To determine specific equipment that will be required to effectively capture, treat and discharge water being transferred from the pipe, it will be necessary to estimate the rate of flow from the pipe. To ascertain current flow rates under normal conditions PES

proposes to utilize a graduated cylinder and stop watch. Specifically, PES will mobilize to the site and collect water from the pipe at the break point (see Attachment A, Figure 3 for detail). The collection of water will be timed such that a flow rate can be determined. The collection point at the pipe break will be modified (further excavation of a sump area, etc.) as needed to allow for complete capture of the flow from the pipe.

In addition to the real time flow measurement obtained, PES will also attempt to determine anticipated flow rates from the pipe based on perceived stormwater flows and drainage patterns at the site. Should conditions be favorable to obtain real time flow rates during precipitation or other stormwater drainage events (i.e.: snow melt), PES will remobilize to the site to perform additional graduated cylinder flow rate calculations.

INSTALLATION OF IMPROVED SITE ACCESS ROAD

To allow for unhindered site access for pilot test and/or remedial equipment, possible future utility requirements (i.e.: electric, etc.) and access to the site by a hollow stem auger rig to facilitate the installation of the proposed groundwater recovery well (as discussed below) PES is proposing to install an improved site access road within the Corry Street (paper street) property and the entrance to 107 Freeman's Bridge Road. The proposed location of the road has been depicted on Attachment A, Figure 4.

Roadway installation activities will initially involve the clearing and grubbing of the top ten-inches of existing unsuitable material (topsoil, vegetation, organic debris, etc.), which after removal will be placed at existing on-site locations either adjacent to the improved road or in the farm fields located in the rear of the Corry Street property. Soil removal activities will be supervised by a qualified environmental professional from PES who will govern removal activities and monitor soils for the presence of VOCs prior to removal and relocation. Should VOC impacted soil be present additional measures will be undertaken to properly segregate, contain and dispose of the soil in a manner consistent with all applicable NYSDEC and EPA regulations.

Following the removal of unsuitable native material the established subgrade will be proof rolled with a 10-ton vibratory compactor and a suitable geotextile will be placed to provide structural support for the improved roadway. PES proposes to install GT-110 non-woven geotextile, as manufactured by Skaps Industries.

Once the geotextile has been installed approximately 10-inches of crushed stone will be placed and compacted on top of the geotextile fabric to provide the road base. The stone will be a NYSDOT approved type 2 crushed stone.

Where possible, existing infrastructure (groundwater monitoring wells, etc.) will be maintained throughout the road building process. Existing groundwater wells will be completed at grade with flush mount, limited access, manholes such that unrestricted use of the roadway is provided.

IMPLEMENTATION OF A COMMUNITY AIR MONITORING PROGRAM

To provide a measure of protection for the down-wind community from potential airborne contaminants (VOCs), which are released as a direct result of intrusive work at the site, PES will institute a Community Air Monitoring Program (CAMP). The CAMP will document potential exposure levels of VOCs in down wind locations and will determine if additional engineering controls will be necessary to mitigate potential exposure. To institute the CAMP PES proposes to establish a minimum of one up-wind and one down-wind air monitoring station at the perimeter of the work area each day intrusive work takes place at the site. Station positions will be selected based on specific locations of site work and perceived wind direction as observed at the site or prevailing wind directions as reported by local airports and/or weather reporting stations. As work and weather conditions change, the sample locations will be adjusted to accommodate site conditions.

A qualified environmental professional (QEP) will be on site to oversee and direct all intrusive work at the site. The QEP will conduct real time monitoring of the work area, upwind and down wind locations for VOCs as work progresses using a VOC monitor. Should the down-wind VOC concentrations exceed the background (upwind perimeter) by 10 parts per million (ppm) for a 5-minute time period, the VOC source will be identified using the VOC monitor. If the air emissions exceed the VOC action level over a 15-minute time period, the VOC source will be covered with clean soil or polyethylene sheeting and work activities will halt until favorable work conditions exist such that the action level is no longer surpassed.

Based on results of the real time monitoring (specifically if it has been determined that the action level has been exceeded), PES will submit the perimeter air samples for laboratory analysis to determine potential exposure levels and impacts to the community. Air samples will be analyzed for Halogenated Hydrocarbons (PCE, TCE and DCE) by NIOSH Method 1003. Adirondack Environmental Services, Inc., of Albany, NY (Adirondack) will provide the sampling media (sorbent tubes) and will perform the analysis.

INSTALLATION OF WATER COLLECTION SUMP

Following the installation of the improved access road and confirmation of the current and anticipated flow rate emanating from the existing stormwater pipe, PES will install an appropriately sized collection sump to collect water conveyed by the pipe at the pipe break point prior to its current discharge at the rear of 101 Freeman's Bridge Road. The collection sump will ultimately be the initial step in containment and treatment of the impacted groundwater. Water that collects in the pipe will discharge into the sump and will then be transferred to remedial equipment, which will be addressed under a separate work plan following the implementation of work proposed within this plan. The sump

will initially be installed in a manner that continues to utilize the existing pipe outlet until such time that a remedial system is mobilized to the site to process the collected water.

Currently, there are two potential options to allow for temporary discharge of treated water from the proposed remedial system. The first option (option A) is to allow for uncontrolled discharge of treated water to the existing stormwater drainage pipe. Current drainage patterns would then dictate the ultimate destination for all water treated and discharged by the remedial system. An alternate choice (option B) would allow for controlled discharge from a specific discharge point to an existing swale by means of a pressurized discharge pipe. The pipe, which would be installed at the ground surface, would convey treated water from the remedial system to an existing swale that resides along the southern portion of the farm fields that currently adjoin the proposed Lowe's location. The treated water would discharge from the pipe directly to the ground surface within the swale, whereby it would be conveyed to the nearby stream (see Attached A Figure 5 for detail). The actual point of discharge from the pipe will be modified as required to limit erosion caused by the point source discharge. Canal stone, erosion netting or other similar material will be placed at the discharge point to minimize impacts.

The use of a discharge pipe (in lieu of a ditch or collection trench) will ultimately allow for a means to bypass the remedial system in the event of a power outage or system failure. In the event of a system failure, surface water that will collect in the proposed sump will no longer be pumped from the sump into the treatment system. The liquid level within the sump would therefore rise to an elevation that would allow the water to continue down the existing stormwater drainage pipe where it would discharge behind 101 Freeman's Bridge Road property as it currently does. The discharge pipe will require heat trace for use when ambient temperatures are below freezing and a ramp (constructed of earthen material as borrowed from the proposed access road install) can be installed where necessary to allow for unrestricted access by the current property owner.

RECOVERY WELL INSTALLATION

Following the completion of the improved access road, PES will mobilize personnel and equipment to the site to install a six-inch diameter groundwater recovery well at the location proposed on Attachment A, Figure 4. The proposed location and construction of the recovery well have been determined by PES following review of reported information from previous subsurface investigative efforts that took place at the site. The intent of the recovery well will be to provide a means to begin groundwater remediation and possibly attain hydraulic control in the documented contaminant plume to reduce additional, future surface water impacts.

PES proposes to install the well to a depth of 30-feet below the relative ground surface. This proposed depth coincides with the depth at which contamination was reported to

diminish in Earth Tech's investigative efforts whereby they installed well cluster DP-4S and DP-4D. The well will be constructed of six-inch diameter, schedule 40, PVC well screen and corresponding solid riser pipe. The screen section, which will be .010-slot in size, will begin at approximately 3-feet below grade and will terminate at 29-feet below grade. This will allow for the screen section to intersect the anticipated water table interface. A one-foot sump consisting of solid PVC will be placed at the bottom of the well. A gravel pack will be installed surrounding the well screen utilizing Zero-size, quartz sand. The small diameter sand in conjunction with the .010-slot screen should sufficiently ensure a competent sand pack remains throughout pumping of groundwater through the silt, clay and fine sands that have been documented at the site. A sufficient surface seal consisting of hydrated bentonite will then be placed on top of the gravel pack. The well will then be completed at the surface with a flush mount, limited access, manhole.

It should be noted that previous investigative efforts have documented two separate water bearing zones at the site in the vicinity of the proposed recovery well location. Specifically, Earth Tech noted shallow and deep water bearing zones in the impacted area adjacent to DP-3, DP-4 and B22 wells. They also note however, that the zones are separated by a low permeability zone and not an actual aquitard and that there is vertical migration from the shallow zone down into the deeper zone. This information coupled with the documented VOC impacts within both zones, provides the basis for PES's rationale to construct the recovery well such that the screened section is placed throughout both water bearing zones.

Installation of the recovery well will be completed utilizing hollow stem auger drilling techniques. Continuous, split spoon soil sampling will take place prior to boring advancement. All subsurface tools will be decontaminated before and after each sample is collected. All drilling activities will be overseen and documented by a geologist provided by PES. Each split spoon sample will be analyzed by the geologist for lithologic characterization as well as presence of contaminants. Soils will be field screened utilizing a photo-ionization detector to qualitatively determine the presence and concentration of VOCs. At least one representative soil sample from each water bearing zone will be selected for laboratory analysis. The sample location(s) will be based upon PID response and/or strongest visual or olfactory indication of the presence of VOCs. Soil samples will be collected in laboratory supplied glassware, placed immediately on ice and submitted under chain of custody to Adirondack for analysis of VOCs via EPA analytical Method 8260.

Soil and water generated during the installation of the recovery well will be containerized in 55-gal, steel, NYSDOT approved, open-top drums. Wastes will be sampled and characterized as required by the transporter and disposal facility and properly shipped off site and disposed of pursuant to requirements set forth by the NYSDEC and EPA.

Following installation, the recovery well will be developed by means of over pumping. Subsequent to development, an eight (8)-hour pump test will be performed on the well to document well production and aquifer response to active pumping. All water generated as a result of development and pump testing will be containerized until such time that it can be treated and discharged on site or treated and discharged as it is processed from the well.

RECOMMENDATIONS FOR ADDITIONAL SITE WORK

Following the implementation of the scope of work as discussed above, PES will devise a pilot test proposal/work plan that utilizes data and information collected as a result of this preliminary work to design, procure and implement pilot test procedures (pump test) on the newly installed recovery well as well as active, interim remedial measures for the surface water that is currently being conveyed by the existing stormwater pipe.

PROJECT SCHEDULING AND COORDINATION

All aspects of the proposed work scope will be carried out as expediently as possible by qualified environmental professionals either employed by or hired by PES. Albeit unknown at this time, PES expects that the work scope will take approximately one to two weeks to carry out. PES can begin the implementation of the work within two weeks following approval of this plan by the NYSDEC.

Should you have any questions regarding this correspondence or wish to discuss this plan in greater detail, please feel free to contact the undersigned at 518-885-4399.

Sincerely,
Precision Environmental Services, Inc.

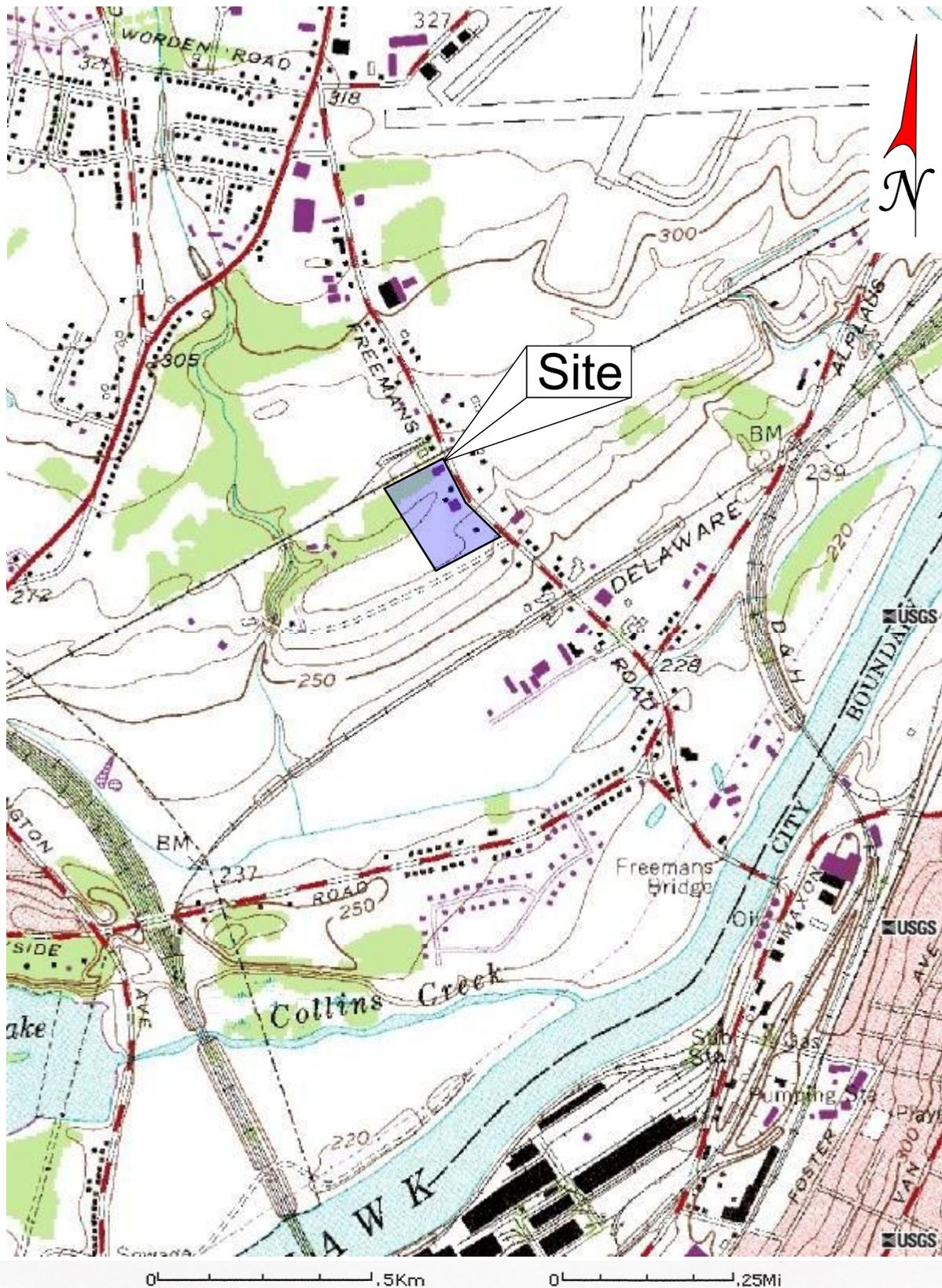


Stephen M. Phelps
Project Manager

Attachments

CC: K. Goertz, NYSDEC Region 4 (ECC)
W. Hennessy, Hennessy Engineering (ECC)

Attachment A



NOTE: MAP PROVIDED COURTESY OF THE USGS



PRECISION
ENVIRONMENTAL SERVICES, INC.

831 RT. 67, LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SITE LOCATION MAP
FARM - FREEMAN'S BRIDGE ROAD

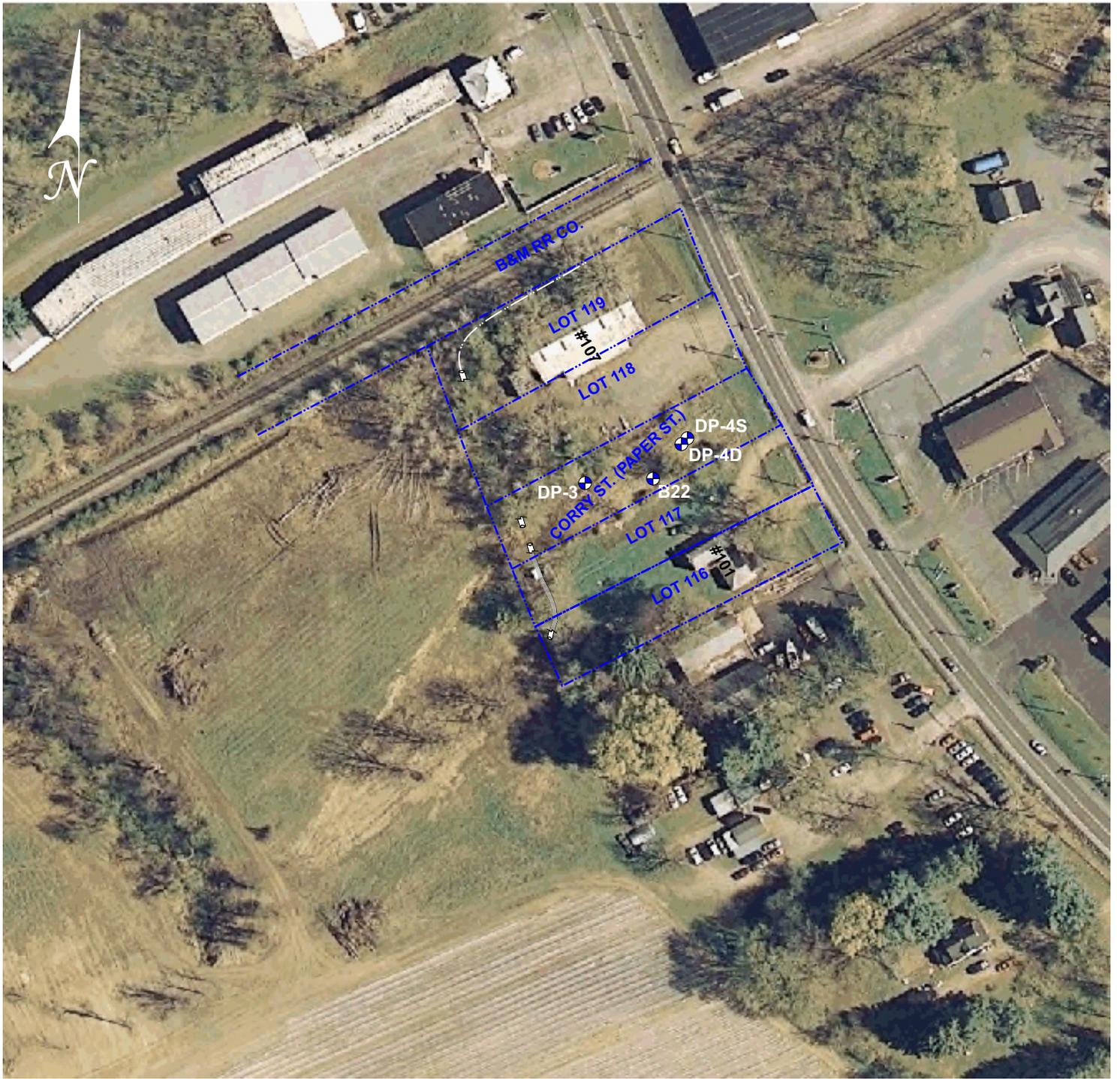
LOCATION: GLENVILLE, NY

PROJECT #: N/A

DATE: 1-2-09

FIGURE: 1

SCALE: AS SHOWN



AERIAL PHOTO PROVIDED BY NYS GIS CLEARINGHOUSE
 ALL PROPERTY/LOT BOUNDARIES ARE APPROXIMATE AND
 ARE FOR INFORMATIONAL PURPOSES ONLY



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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

APPROXIMATE PROPERTY/LOT
 BOUNDARIES
 FARM - FREEMAN'S BRIDGE ROAD

LOCATION: GLENVILLE, NY

PROJECT #: N/A

DATE: 1-26-09

FIGURE: 2

SCALE: NTS



AERIAL PHOTO PROVIDED BY NYS GIS CLEARINGHOUSE

- SW-004 SURFACE WATER SAMPLE
- ⊕ B22 EXISTING MONITORING POINT (INSTALLED BY OTHERS)
- BMDL BELOW METHOD DETECTION LIMIT



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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SURFACE WATER SAMPLE RESULTS
FARM - FREEMAN'S BRIDGE ROAD

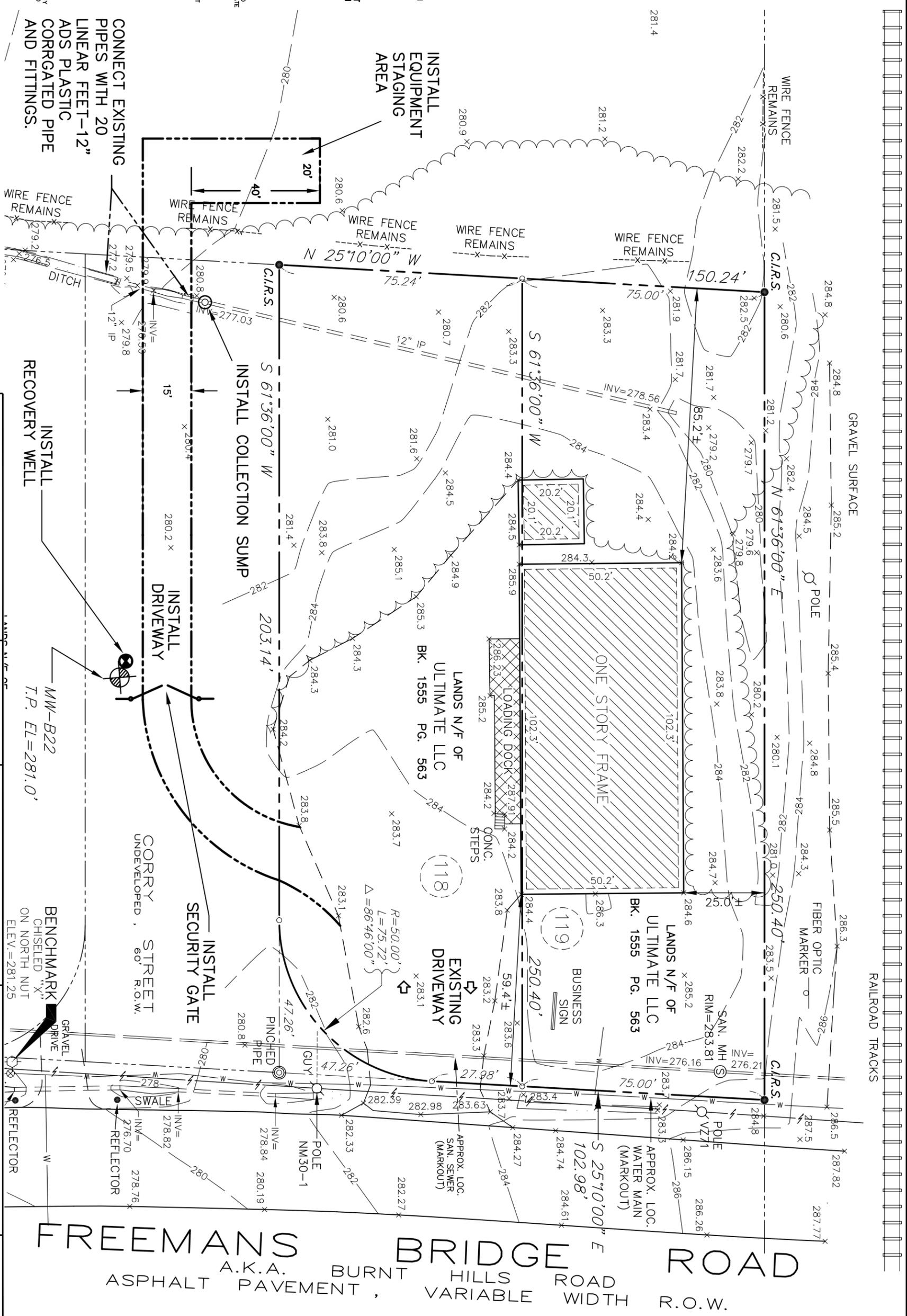
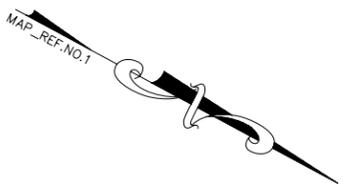
LOCATION: GLENVILLE, NY

PROJECT #: N/A

DATE: 1-26-09

FIGURE: 3

SCALE: NTS



CONSTRUCTION NOTES

1. DRIVEWAY AND STORAGE AREA: REMOVE 10" DEPTH OF EXISTING TOPSOIL AND NATIVE MATERIAL, COMPACT AND PROOFROLL SUBGRADE, INSTALL GEOTEXTILE FABRIC (MIN 1500 G OR EQUAL), INSTALL 12" DOT TYPE 2 CRUSHER RUN IN 6" LIFTS. EXISTING UTILITIES (MONITORING WELLS SHALL BE RETAINED AND FINISHED TO GRADE WITH FLUSH MOUNT, LIMITED ACCESS MANHOLES.
2. COLLECTION SUMP: COLLECTION SUMP TO BE CONSTRUCTED OF 12" DIA SOLID HOPE PIPE (ADS N12 OR EQUAL) INSTALLED IN-LINE WITH EXISTING PIPE AND SIX FEET BELOW INVERT. WATERTIGHT CAP TO BE PLACED ON BOTTOM AND REMOVABLE CAP TO BE PLACED AT GRADE. OR APPROVED EQUAL.

SURVEY NOTES

1. BOUNDARY EVIDENCE AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED AUGUST, 2008 BY L. SIFFERLY ASSOCIATE AND REFLECTS VISIBLE CONDITIONS EXISTING AT THAT OCCASION.
2. TAX MAP DESIGNATION: 30.14-2-12
3. THE OBJECTS OR DIMENSIONS SHOWN HEREON FROM PROPERTY LINES TO BUILDINGS ARE FROM THE PROPERTY LINES AND ARE NOT TO BE CONSIDERED AS EVIDENCE OF THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES, ADDITIONAL STRUCTURES, OR ANY OTHER IMPROVEMENT.
4. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD.
5. SUBJECT TO ANY STATE OF FACTS AN UP-TO-DATE ABSTRACT OF TITLE WOULD DISCLOSE.
6. C.I.R.S. DENOTES CAPPED IRON ROD SET
7. ELEVATIONS BASED ON BENCHMARK PROVIDED BY CLIENT, BENCHMARK PROVIDED IS A CHISELED X ON NORTH NUT OF HORIZONTAL, ELEV. = 281.25
12. UNDERGROUND UTILITIES SHOWN HEREON BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE A REPRESENTATION OF ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES.

MAP REFERENCES:

1. "MAP OF GLEN SAUNDERS MANOR, SITUATED IN THE TOWN OF GLENVILLE, SCHOENECTADY COUNTY, NEW YORK, BELONGING TO MARTIN SIEBERGAUS, FRED W. SIEBERGAUS AND WILLIAM H. BROWN," PREPARED BY W.W. CHADSEY, C.E., DATED FEBRUARY 28, 1922 AND FILED IN THE SCHOENECTADY COUNTY CLERK'S OFFICE.

CONNECT EXISTING PIPES WITH 20" LINEAR FEET-12" ADS PLASTIC CORRUGATED PIPE AND FITTINGS.

INSTALL COLLECTION SUMP

INSTALL DRIVEWAY

INSTALL SECURITY GATE

BENCHMARK CHISELED "X" ON NORTH NUT ELEV.=281.25

PRELIMINARY PLAN INTERIM REMEDIAL MEASURE 99 FREEMAN'S BRIDGE ROAD

FREEMANS BRIDGE ROAD
 A.K.A. BURNT HILLS ROAD
 ASPHALT PAVEMENT, VARIABLE WIDTH R.O.W.

PRECISION
 ENVIRONMENTAL SERVICES, INC.
 CURTIS INDUSTRIAL PARK
 BALLSTON SPA, NY 12020
 518-885-4399

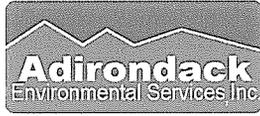
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

HENNESSY
 Engineering & Consulting
 hennesse@verizon.net
 518-475-1670

NYSDPC PROJECT NO. 447039; SPILL NOS. 06-07627 & 03-13876
 TOWN OF GLENVILLE
 COUNTY OF SCHOENECTADY

DATE: JAN 26, 2009
 JOB NO. 308.151
 FIGURE NO. **4**
 SCALE: 1" = 30'±

Attachment B



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

January 05, 2009

Chris O'Neill
NYS DEC Region 4
1130 North Westcott Road
Schenectady, NY 12306

Work Order No: 081222016

TEL: (518) 357-2045

PO#: C200302

FAX: (518) 357-2398

Spill # / Pin # : 0607627 / H0900

RE: Farm Freemans Bridge
Glenville, NY

Dear Chris O'Neill:

Adirondack Environmental Services, Inc received 5 samples on 12/22/2008 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess
QA Manager

ELAP#: 10709
AIHA#: 100307

Chris O'Neill - FAX

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

CLIENT: NYS DEC Region 4
Project: Farm Freemans Bridge
Lab Order: 081222016

Date: 05-Jan-09

This is an updated report 1/5/09 to correct the results for sample Construction Outlet.

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4	Client Sample ID: Water Source
Work Order: 081222016	Collection Date: 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY	Lab Sample ID: 081222016-001
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 0607627 / H0900	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Bromomethane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Chloroethane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Acetone	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
2-Butanone	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
2-Hexanone	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentatively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4	Client Sample ID: Water Source
Work Order: 081222016	Collection Date: 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY	Lab Sample ID: 081222016-001
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 0607627 / H0900	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Methyl Acetate	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Cyclohexane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/24/2008 4:00:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/24/2008 4:00:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4
Work Order: 081222016
Reference: Farm Freemans Bridge / Glenville, NY
PO#: C200302
Spill # / Pin # : 0607627 / H0900

Client Sample ID: Pipe Inlet
Collection Date: 12/22/2008
Lab Sample ID: 081222016-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Bromomethane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Chloroethane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Acetone	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
cis-1,2-Dichloroethene	25	5.0		µg/L	1	12/23/2008 11:42:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
2-Butanone	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Trichloroethene	18	5.0		µg/L	1	12/23/2008 11:42:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
2-Hexanone	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Tetrachloroethene	150	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 T - Tentitively Identified Compound-Estimated Conc.
 E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4	Client Sample ID: Pipe Inlet
Work Order: 081222016	Collection Date: 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY	Lab Sample ID: 081222016-002
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 0607627 / H0900	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Methyl Acetate	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Cyclohexane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/23/2008 11:42:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/23/2008 11:42:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4
Work Order: 081222016
Reference: Farm Freemans Bridge / Glenville, NY
PO#: C200302
Spill # / Pin # : 0607627 / H0900

Client Sample ID: Pipe Break
Collection Date: 12/22/2008
Lab Sample ID: 081222016-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Bromomethane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Vinyl chloride	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Chloroethane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Methylene chloride	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Acetone	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Carbon disulfide	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,1-Dichloroethene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,1-Dichloroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
cis-1,2-Dichloroethene	68	25		µg/L	5	12/24/2008 2:33:00 PM
Chloroform	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,2-Dichloroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
2-Butanone	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
1,1,1-Trichloroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Carbon tetrachloride	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Bromodichloromethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,2-Dichloropropane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Trichloroethene	57	25		µg/L	5	12/24/2008 2:33:00 PM
Dibromochloromethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,1,2-Trichloroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Benzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Bromoform	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
4-Methyl-2-pentanone	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
2-Hexanone	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Tetrachloroethene	840	25		µg/L	5	12/24/2008 2:33:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Toluene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Chlorobenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Ethylbenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Styrene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
m,p-Xylene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
o-Xylene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Methyl tert-butyl ether	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Dichlorodifluoromethane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank T - Tentitively Identified Compound-Estimated Conc.
 X - Value exceeds Maximum Contaminant Level E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4

Client Sample ID: Pipe Break

Work Order: 081222016

Collection Date: 12/22/2008

Reference: Farm Freemans Bridge / Glenville, NY

Lab Sample ID: 081222016-003

PO#: C200302

Matrix: GROUNDWATER

Spill # / Pin # : 0607627 / H0900

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Methyl Acetate	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Cyclohexane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
Trichlorofluoromethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Methyl Cyclohexane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,2-Dibromoethane	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,3-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
Isopropylbenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,2-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,4-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/L	5	12/24/2008 2:33:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/L	5	12/24/2008 2:33:00 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 T - Tentitively Identified Compound-Estimated Conc.
 E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4 **Client Sample ID:** Pipe Outlet
Work Order: 081222016 **Collection Date:** 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY **Lab Sample ID:** 081222016-004
PO#: C200302 **Matrix:** GROUNDWATER
Spill # / Pin # : 0607627 / H0900

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Bromomethane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Vinyl chloride	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Chloroethane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Methylene chloride	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Acetone	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Carbon disulfide	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,1-Dichloroethene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,1-Dichloroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
cis-1,2-Dichloroethene	59	25		µg/L	5	12/24/2008 3:02:00 PM
Chloroform	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,2-Dichloroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
2-Butanone	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
1,1,1-Trichloroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Carbon tetrachloride	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Bromodichloromethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,2-Dichloropropane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Trichloroethene	50	25		µg/L	5	12/24/2008 3:02:00 PM
Dibromochloromethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,1,2-Trichloroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Benzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Bromoform	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
4-Methyl-2-pentanone	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
2-Hexanone	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Tetrachloroethene	790	25		µg/L	5	12/24/2008 3:02:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Toluene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Chlorobenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Ethylbenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Styrene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
m,p-Xylene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
o-Xylene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Methyl tert-butyl ether	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Dichlorodifluoromethane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank T - Tentitively Identified Compound-Estimated Conc.
 X - Value exceeds Maximum Contaminant Level E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4	Client Sample ID: Pipe Outlet
Work Order: 081222016	Collection Date: 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY	Lab Sample ID: 081222016-004
PO#: C200302	Matrix: GROUNDWATER
Spill # / Pin # : 0607627 / H0900	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Methyl Acetate	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Cyclohexane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
Trichlorofluoromethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Methyl Cyclohexane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,2-Dibromoethane	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,3-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
Isopropylbenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,2-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,4-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/L	5	12/24/2008 3:02:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:02:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentatively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4 **Client Sample ID:** Construction Outlet
Work Order: 081222016 **Collection Date:** 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY **Lab Sample ID:** 081222016-005
PO#: C200302 **Matrix:** GROUNDWATER
Spill # / Pin # : 0607627 / H0900

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Chloromethane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Bromomethane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Vinyl chloride	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Chloroethane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Methylene chloride	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Acetone	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Carbon disulfide	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,1-Dichloroethene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,1-Dichloroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
cis-1,2-Dichloroethene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Chloroform	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,2-Dichloroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
2-Butanone	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
1,1,1-Trichloroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Carbon tetrachloride	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Bromodichloromethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,2-Dichloropropane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Trichloroethene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Dibromochloromethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,1,2-Trichloroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Benzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Bromoform	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
4-Methyl-2-pentanone	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
2-Hexanone	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Tetrachloroethene	89	25		µg/L	5	12/24/2008 3:31:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Toluene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Chlorobenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Ethylbenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Styrene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
m,p-Xylene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
o-Xylene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Methyl tert-butyl ether	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Dichlorodifluoromethane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank T - Tentatively Identified Compound-Estimated Conc.
 X - Value exceeds Maximum Contaminant Level E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: 05-Jan-09

CLIENT: NYS DEC Region 4 **Client Sample ID:** Construction Outlet
Work Order: 081222016 **Collection Date:** 12/22/2008
Reference: Farm Freemans Bridge / Glenville, NY **Lab Sample ID:** 081222016-005
PO#: C200302 **Matrix:** GROUNDWATER
Spill # / Pin # : 0607627 / H0900

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: MG
Methyl Acetate	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Cyclohexane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
Trichlorofluoromethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Methyl Cyclohexane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,2-Dibromoethane	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,3-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
Isopropylbenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,2-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,4-Dichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/L	5	12/24/2008 3:31:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/L	5	12/24/2008 3:31:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank T - Tentitively Identified Compound-Estimated Conc.
 X - Value exceeds Maximum Contaminant Level E - Value above quantitation range

