D&B ENGINEERS AND ARCHITECTS, P.C.

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July 20, 2012

VIA ELECTRONIC MAIL

Mr. Lawrence Thomas
Remedial Bureau E, Section D, 12th Floor
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7017

Re: New York State Superfund Standby Contract
Work Assignment No. D004446-8
Former Bouchard Junkyard Site No. 411014
D&B Project No. 3153

Dear Mr. Thomas:

Enclosed please find electronic copies (Adobe Portable Document Format and Microsoft Office Word) of the Final Periodic Review Report for the Former Bouchard Junkyard Site, dated July 2012, for your use. The report has been revised in accordance with New York State Department of Environmental Conservation's correspondence dated June 20, 2012.

If you have any questions or comments, please feel free to contact me at jmagda@dbsyracuse.com or (315) 437-1142.

Very truly yours,

James J. Magda
Associate/Syracuse
Office Manager

JM/jm
cc: R. Walka (D&B)
M. Wright (D&B)
3153/120720 Thomas, L. - 2011 Bouchard PRR

PERIODIC REVIEW REPORT NO. 1
2011
REPORTING PERIOD

FORMER BOUCHARD JUNKYARD SITE
SITE NO 411014

Town of New Lebanon, Columbia County, New York

WORK ASSIGNMENT NO. D004446-8

Prepared For

New York State Department of Environmental Conservation

JULY 2012

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

PERIODIC REVIEW REPORT NO. 1
CALENDAR YEAR 2011

FORMER BOUCHARD JUNKYARD SITE
SITE REGISTRY NO. 411014
TOWN OF NEW LEBANON, COLUMBIA COUNTY, NEW YORK

WORK ASSIGNMENT NO. D004446-8

Prepared for:

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Prepared by:

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
SYRACUSE, NEW YORK

JULY 2012

PERIODIC REVIEW REPORT NO. 1
CALENDAR YEAR 2011
FORMER BOUCHARD JUNKYARD SITE
TOWN OF NEW LEBANON, NEW YORK

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Section 1

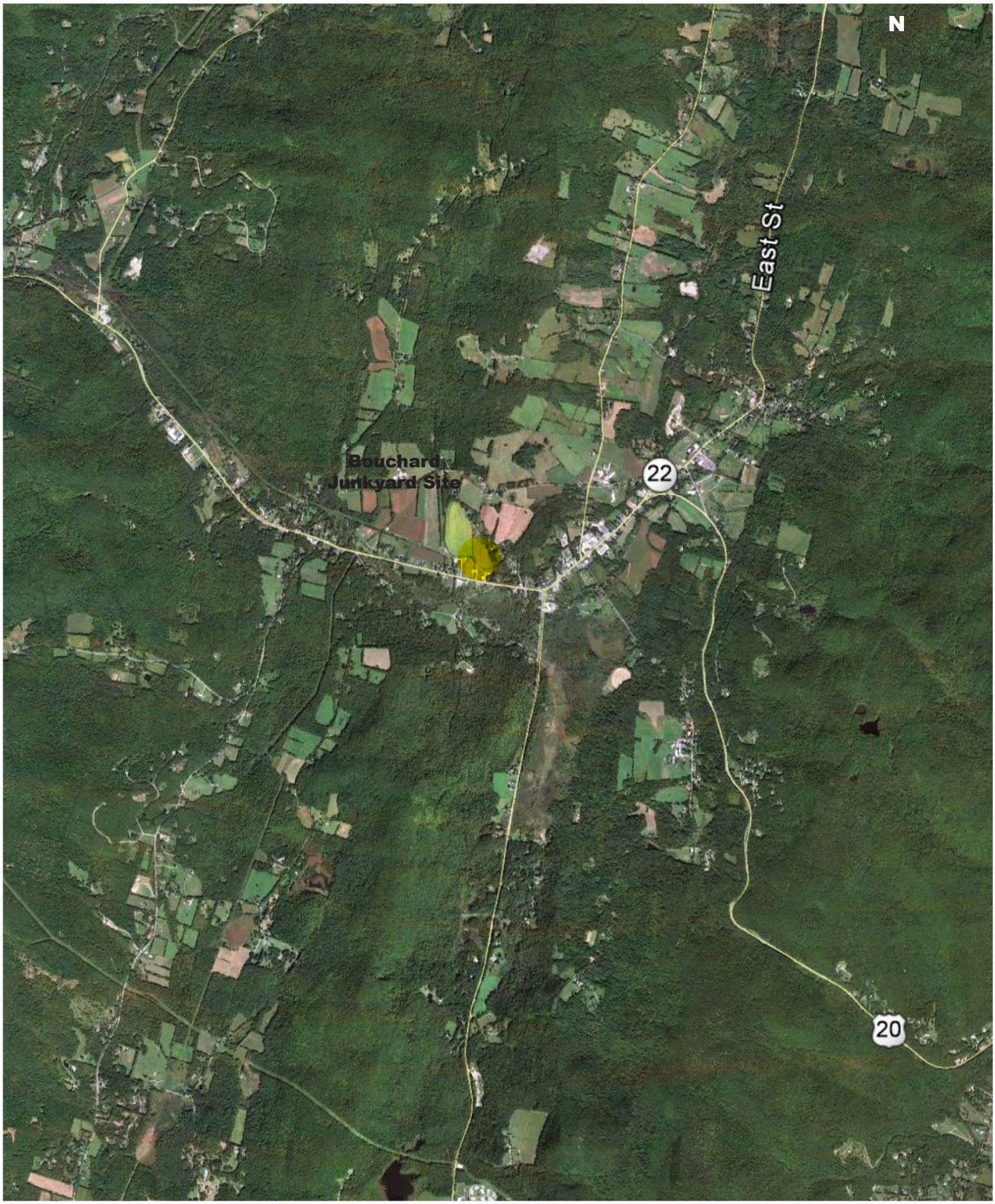
1.0 INTRODUCTION

The Former Bouchard Junkyard Site (the Site), located in the Town of New Lebanon, Columbia County, New York (Figure 1-1) is a New York State Class 4 Inactive Hazardous Waste Disposal Site, Site Registry Number 411014. The Site was remediated by the New York State Department of Environmental Conservation (NYSDEC) between May 2008 and June 2009 and is in the site management phase. The NYSDEC issued a work assignment to Dvirka and Bartilucci Consulting Engineers (D&B) under D&B's State Superfund Standby Contract to implement the required site management activities. The work is being performed with funds allocated under the New York State Superfund Program.

By way of background, a Record of Decision (ROD) for the Site was signed in March 2004 with the selected remedy of soil washing, where contaminated soil would be mixed with a surfactant and water to strip contaminants from the soil. A Record of Decision Amendment (RODA) was later signed in September 2006 to change the remedy to excavation and off-site disposal of contaminated soil. The remedy was changed due to a decrease in the number of soil washing vendors as well as the cost for excavation and off-site disposal of contaminated soil.

Remedial work was initiated in May 2008 and was completed in June 2009. The Site was remediated to unrestricted levels except for a small area along United States (U.S.) Route 20 where some residual soil contamination remains. As a result, a site Management Plan (SMP) was prepared on behalf of NYSDEC by D&B to control exposure to the remaining contamination during future use of the Site and to ensure the remedy continues to be protective of public health and the environment. The SMP provides a description of procedures required to manage the remaining contamination at the Site including:

- Implementation and management of all Engineering Controls (ECs) and Institutional Controls (ICs);
- Media monitoring;
- Performance of periodic inspections, certification of results, and,
- Submittal of Periodic Review Reports (PRRs).



SCALE: Not to Scale

Source: Googlearth.com

Bouchard Junkyard Site
New Lebanon, New York

Site Location Map

Figure 1-1

In addition to the SMP and in accordance with the ROD and RODA, an Environmental Notice was prepared for the Site and recorded with the Columbia County Clerk's office. The purpose of the Environmental Notice is to limit activities in the area of residual contamination, including the manner in which soil and groundwater are managed.

This report represents the first PRR for the Former Bouchard Junkyard Site. The report summarizes the site management activities completed during the monitoring period from January 2011 through December 2011. The report has been prepared in accordance with NYSDEC's document entitled "DER-10 Technical Guidance for Site Investigation and Remediation", dated May 2010, as well as D&B's document entitled "Work Plan - Site Management Pilot Program", dated January 2011, and includes the following:

- Presentation of site background information;
- Identification of the remedial goals established for the Site;
- A description of the ICs/ECs for the Site;
- A brief review of the site monitoring protocols;
- A description of the site management activities performed;
- An evaluation of remedy performance, effectiveness and protectiveness based on monitoring data; and,
- Conclusions and recommendations.

Section 2

2.0 SITE OVERVIEW

2.1 Site Description

The Former Bouchard Junkyard Site is located in the Town of New Lebanon, Columbia County, New York in a rural/agricultural area. The Site is located on the north side of U.S Route 20 near the intersection of U.S. Route 20 and New York State (NYS) Route 22 (see Figure 1-1).

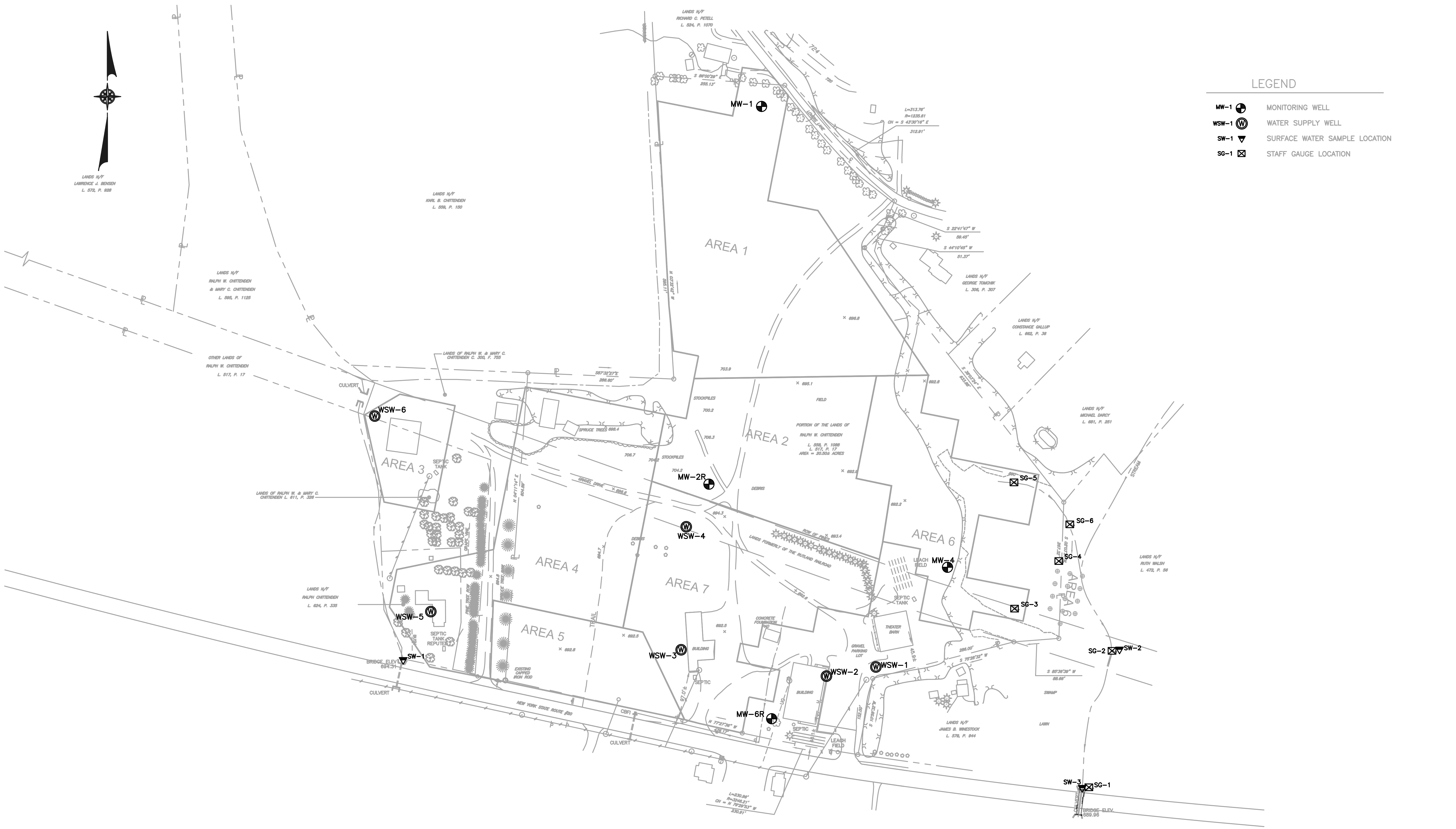
The Site is not fenced and access can be gained by walking or driving onto the Site from adjoining properties and/or roads. Although access to the Site is unrestricted, routine access is obtained via one of the two gravel driveways on-site, which lead from U.S. Route 20 to gravel parking lots associated with the three on-site buildings. Dirt roads and trails also traverse the Site allowing vehicle access to other portions of the property. A layout of the Site is presented on Figure 2-1.

The approximately 17-acre Site is an irregular shaped parcel of land, which includes a regulated wetland area. The Site is bounded on the north and east by Lovers Lane, on the south by U.S. Route 20, and on the west by residential properties. South of the property, across U.S. Route 20, are a construction company and residential properties. Residential properties are located to the north, east, and west of the Site. Agricultural lands are situated to the northwest.

Three buildings are currently located at the Site. One on-site building is currently rented by a theater group and is occupied by employees and customers during business hours. The other on-site buildings are currently unoccupied. The remainder of the property is mostly open field. The Site and surrounding properties are served by private water supply wells.

A railroad formerly bisected the Site from west to east. However, the only indication of the railroad now exists on the properties to the east and west.

Local natural land surface is at a high near the north end of the Site with an elevation of 713 feet above mean sea level (amsl, North American datum of 1988). The natural land surface



BOUCHARD JUNKYARD SITE
NEW LEBANON, NEW YORK

SITE LAYOUT MAP

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FIGURE 2-1

of the Site decreases gently in elevation to the southeast reaching a height of 688 feet amsl at the southeast end of the Site. This 25-foot change in elevation occurs over a horizontal distance of about 540 feet and defines an overall slope of 4.6 percent.

Surface water drainage is primarily to the south and east into the regulated wetland on the southeast side of the Site. This wetland drains via a culvert under U.S. Route 20 to Wyomanock Creek, a New York State Class C (TS) stream. Wyomanock Creek flows from southeast to northwest in the vicinity of the Site and drains into Kinderhook Creek approximately 3.2 miles west of the Site.

Shaker Swamp is located to the south and southeast of the Site, across U.S. Route 20. Shaker Swamp is a NYSDEC designated Class 1 CA-4 wetland and a federally designated class PFO1/SS1 wetland. The wetland at the southeast corner of the Site is a small portion of this larger swamp.

Other surface water drainage features at the Site include a north-south oriented ditch located at the south central portion of the Site. The ditch collects run-off from the parking lot and buildings and is a tributary to Wyomanock Creek. A second ditch, forming the perimeter of the farm field, originates at the northwest corner of the Site and follows the western boundary of the property until it flows southward beneath U.S. Route 20 and off-site.

2.2 Site History

The Former Bouchard Junkyard Site is the location of a former automobile junkyard operated from at least 1959 through February 1969 by Mr. Henri Bouchard. Mr. Edward Weisberg purchased the property from the widow of Mr. Bouchard in February 1969, and continued its use as a junkyard. The former automobile junkyard was ordered closed in 1971 for operating without a license. All salvage was removed from the Site in the late 1970s. The property was purchased by Mr. Ralph Chittenden in 1985. Mr. Ralph Chittenden currently owns the Site.

2.2.1 Previous Investigations

Prior to remediation activities, four environmental investigations had been conducted at the Site. The following presents a brief summary and outline of the investigation activities conducted:

September 1998 – NYSDEC, Initial Investigation

Scope of Work: Conduct initial investigation to verify the existence of polychlorinated biphenyl (PCB) contamination identified in a General Electric (GE) internal memorandum.

Work Performed:

- Researched site history and historic literature obtained from GE;
- Reviewed aerial photographs of site; and
- Collected 36 surface and subsurface soil samples from locations identified as potential PCB-contaminated areas after review of aerial photographs.

Results and Conclusions:

- PCB soil sampling results indicated PCBs were present in on-site soils at concentrations ranging from 1 to 120 parts per million (ppm);
- Five of the 36 samples collected exhibited concentrations above 50 ppm, which is the listed hazardous waste threshold level in New York State; and,
- As a result of sampling, site conditions, and the potentially responsible parties' non-cooperative position, NYSDEC listed the site as a Class 2 inactive hazardous waste disposal site and later a State Superfund Site.

October 2001 to May 2002 – D&B, Remedial Investigation

Scope of Work: Perform additional fieldwork to define the nature and extent of PCB contamination at the Site.

Work Performed:

- Developed a base map to identify site features including roads, trails, existing water supply wells, surface water bodies, and topography;

- A site survey by a licensed surveyor to determine property boundaries, locations of site features, elevations, a site sampling grid network, and sample locations;
- Site clearing and grubbing to facilitate access and field activities;
- Geophysical survey to identify locations of possible buried metallic objects;
- Surface soil sampling;
- Shallow subsurface soil sampling;
- Test pit excavations;
- Soil borings;
- Surface water sampling;
- Surface water sediment sampling;
- Monitoring well installations;
- In-situ hydraulic conductivity testing;
- Groundwater level monitoring;
- Groundwater monitoring well sampling;
- Water supply well sampling from adjacent homes and businesses;
- Ambient air monitoring during field investigation activities;
- Developed a Health and Safety Program for work conducted at the site; and
- Developed a Quality Assurance/Quality Control Program for field investigation activities.

Results and Conclusions:

- Soil sample results indicated significant contamination existed at the Site and there were Site related contaminants off-site;
- The primary contaminates of concern in terms of areal extent and concentrations were PCBs and to a lesser extent pesticides;
- Surface soil sampling results indicated 142 of the 239 samples, approximately 59 percent, exceeded the Standards, Criteria and Guideline (SCG) of 1 ppm for PCBs;
- Of the 142 surface soil samples with PCB concentrations greater than 1 ppm, 15 samples had concentrations greater than 50 ppm;
- Shallow subsurface soil sampling results indicated 6 of the 223 samples, approximately 3 percent, exceeded the SCG of 10 ppm for PCBs;
- Of the six shallow subsurface soil samples with PCB concentrations greater than 10 ppm, two samples had concentrations greater than 50 ppm;
- Pesticides were found above SCGs in 32 percent of the 28 surface soil samples analyzed for pesticides;

- Isolated, slightly elevated concentrations of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals also occurred on-site;
- Off-site surface soil sampling results indicated the presence of PCBs and pesticides above site SCGs on a property west of the Site;
- Surface water sampling results indicated no significant concerns;
- Surface water sediment sampling results detected PCBs in 46 percent of the samples and pesticides in 23 percent of the samples;
- On-site groundwater sampling results indicated the presence of PCBs within the central portion of the Site in one monitoring well;
- Water supply well sampling results indicated site contaminates of concern were not present;
- Based on remedial investigation results and qualitative risk assessment, exposure to PCB and pesticide contaminated surface soil posed a significant risk to human health at the Site; and,
- PCB and pesticide contaminated sediment posed a potential risk to ecological receptors downgradient of the Site.

July 2005 – D&B, Pre-Design Investigation

Scope of Work: Perform additional fieldwork to more accurately define the horizontal and vertical extent of site contamination and obtain additional information for the design of the selected remedial alternative.

Work Performed:

- Developed a base map (initially developed during the remedial investigation) to identify site features altered or modified during pre-design activities;
- A site survey by a licensed surveyor to identify relevant site features completed during pre-design activities including elevations and locations of soil borings, sediment samples, and surface soil samples;
- Surface soil sampling;
- Subsurface soil sampling;
- Sediment sampling;
- Sieve analysis sampling;
- Groundwater level monitoring;
- Groundwater monitoring well sampling;
- Water supply well sampling;

- Soil borings;
- Surface water sampling;
- Ambient air monitoring during pre-design investigation activities;
- Developed a Health and Safety Program for work conducted at the Site; and
- Developed a Quality Assurance/Quality Control Program for analytical work collected during pre-design investigation activities.

Results and Conclusions:

- Surface soil sampling results indicated 7 of the 15 samples exceeded the SCG of 1 ppm for PCBs;
- Subsurface soil sampling results indicated 5 of the 13 samples exceeded the SCG of 10 ppm for PCBs;
- Sediment sampling results indicated 3 of the 22 samples exceeded the SCG of 1 ppm for PCBs;
- Groundwater sampling results indicated lower contaminant concentrations than identified in the Remedial Investigation;
- Water supply well sampling results indicated site contaminates of concern were not present (as reported during the Remedial Investigation); and
- Surface water sampling results indicated lower concentrations than identified in the Remedial Investigation.

Recommendations:

- No additional pre-design investigation activities were recommended with respect to remediation of site soil.

November 2007 – D&B, Wetland Pre-Excavation Characterization

Scope of Work: Perform work to define the existing hydrology, soil, and vegetation conditions within the wetland area.

Work Performed:

- Collected hydrology measurements at three separate intervals during the growing season to determine baseline water level conditions and flow direction of groundwater and surface water within the wetland area;
- Collected groundwater elevations from on-site monitoring wells;
- Installed water gauges throughout the wetland area and collected surface water elevations;

- Collected 26 sediment samples at 13 locations in the wetland area to characterize and assess soil conditions within the wetland area; and
- Characterized the existing vegetative structure within the wetland area including percent cover by vertical stratification (canopy), percent cover by species (community composition), overall percent cover and documented any invasive species.

Conclusions and Recommendations:

- Post-excavation monitoring should ensure that the groundwater and surface water flows at the Site continue to be toward the south;
- Fill material specified for areas of the wetland should be consistent with the physical and chemical results of the sediment samples collected; and
- Vegetative data collected was consistent with the 2001 Fish and Wildlife Impact Assessment, however, the distribution of planting zones within the wetlands area should be modified.

2.2.2 Record of Decision

A ROD for the Site was signed in March 2004 with the selected remedy of soil washing, where contaminated soil would be mixed with a surfactant and water to strip contaminants from the soil. A RODA was later signed in September 2006 to change the remedy to excavation and off-site disposal of contaminated soil. The remedy was changed due to a decrease in the number of soil washing vendors as well as the cost for excavation and off-site disposal of contaminated soil.

2.2.3 Remedial Activities

Remedial work was initiated in May 2008 and was completed in June 2009 by the NYSDEC under the State Superfund Program. A summary of the remedial construction activities is presented below. A complete description of the remedial construction activities are presented in the Final Remediation Report prepared on behalf of the NYSDEC by D&B in August 2009.

Remedial construction drawings from the Final Remediation Report are included in Appendix A.

- **Site Preparation –** Site preparation activities included, an underground utility survey, topographic survey, clearing and grubbing of more than 17-acres, removal of scrap metal and debris, construction of a perimeter fence, construction of temporary haul roads, installation of a temporary weigh scale, waste characterization sampling, monitoring well abandonment, and installation of erosion and sedimentation controls over a 17-acre area.

- **Temporary Facilities and Utilities** – Temporary facilities including office and storage trailers, equipment storage and staging areas, decontamination pad, waste water treatment plant, vehicle scale and parking lots were established at the Site. Temporary utilities including electric, telephone, internet, lighting, heating and air conditioning, sanitary facilities, and water were also installed at the Site. All temporary facilities and utilities were removed at the end of the project.

- **Soil and Sediment Excavation –** Soil excavation was completed to the specified horizontal and vertical limits across the 17-acre Site using a grid system. Excavation depths generally ranged between 2 to 4 feet below grade. Buried tires and scrap metal were also excavated along with PCB-contaminated soil. The excavation of non-hazardous versus hazardous/Toxic Substance Control Act (TSCA) regulated PCB-contaminated soil was completed in separate phases utilizing dedicated equipment to minimize the chance of cross-contamination and the amount of decontamination needed between excavation areas. Approximately 44,500 cubic yards of soil and 2,400 cubic yards of wetland sediment were excavated from the Site. More than 1,000 excavation endpoint samples were collected to document the removal of the PCB-contaminated soil.

- **Off-Site Transportation and Disposal** – Approximately 59,300 tons of non-hazardous PCB-contaminated soil, 16,000 tons of TSCA regulated PCB-contaminated soil, 1,100 tons of Resource Conservation and Recovery Act (RCRA)/TSCA regulated PCB-contaminated soil, 5 tons of scrap metal, and 55 tons of tires were transported off-site for disposal at permitted disposal facilities.

- **Construction Water Management** – A water treatment system consisting of settling tanks, organoclay filtration, and activated carbon was utilized to treat construction water prior to discharge. Approximately 620,000 gallons of construction water was collected, treated and discharged to an on-site infiltration basin. Treated water effluent samples were collected at a frequency of one per 20,000 gallons treated.

- **Backfill and Compaction –** Approximately 31,000 cubic yards of clean fill was imported, placed, graded and compacted in upland areas of the Site. Approximately 1,900 cubic yards of clean fill was imported, placed and graded in the wetland area. Chemical and physical testing was required for all clean fill to ensure that its quality met the minimum requirements set forth in the Contract Documents.

- **Air Monitoring** - Community air monitoring was performed, which included four fixed air stations with both real-time monitoring for dust and VOCs and documentation sampling for PCBs and dust. Odor suppression and dust suppression were also performed to mitigate community concerns.

- **Site Restoration** - All excavated areas were restored with imported topsoil and vegetation. Chemical and physical testing was required for all topsoil and grass seed to ensure that its quality met the minimum requirements set forth in the Contract Documents. In addition, more than 480 trees and shrubs were also planted at the Site.

Remaining Contamination

When the excavation reached the minimum grades and extents specified in the Contract Documents, post-excavation endpoint samples were collected from the excavation sidewall and bottom and analyzed by the laboratory, to document the removal of PCB-contaminated soil. If PCBs were detected at concentrations greater than 1 ppm, additional excavation and sampling was performed until PCBs were detected at a concentration of 1 ppm or less. Using this approach, all soil containing PCBs in excess of unrestricted SCOs was removed from the Site, except for a portion along the U.S. Route 20 right-of-way.

The southern excavation boundary in Areas 5, 7, and 9 was extended into the U.S. Route 20 right-of-way to facilitate removal PCB-contaminated soil. However, due to restrictions associated with working in the right-of-way and potential adverse impacts to the road surface, excavation was suspended prior to removing all PCB-contaminated soil from these areas. As a result, demarcation fabric was placed along a portion of the excavation sidewall in Area 5 and Area 9 that contains PCB-contaminated soil from grade surface to the excavation bottom. Demarcation was not placed along the southern excavation boundary in Area 7 containing residual PCB contamination. As depicted on the remedial construction drawings, the demarcation fabric extends from the area near Grid B-1 east toward the area near Grid K-1. Post-excavation soil samples results associated with the area along the U.S. Route 20 right-of way are shown in the table below.

Excavation Area	Grid Location	Sample Identification	PCB Concentration (ppm)
Area 7	YA-1	EP-PSW32(2)	ND
Area 7	YA-1	EP-PSW32(1)	16
Area 7	A-1	EP-PSW31	15
Area 5	C-1	EP-PSW30	190
Area 5	D-1	EP-PSW45	ND
Area 5	F-1	EP-PSW46	28
Area 5	H-1	EP-PSW47	150
Area 9	K-1	EP-PSW20	6.5
Area 9	K-1	EP-PSW20(A)	2.8
Area 9	M-1	EP-PSW19(3)	0.94

Notes: ND-Not detected.

The area of residual contamination is shown in the Environmental Notice included in Appendix B.

Section 3

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

3.1 Remedial Action Objectives

As specified in the ROD and RODA, the Remedial Action Objectives (RAOs) for the Site are to eliminate or reduce to the extent practicable:

- Direct contact (dermal absorption, inhalation, and incidental ingestion) with contaminated surface and subsurface soil;
- Migration by runoff of contaminants to surface water and sediments;
- Infiltration of precipitation through contaminated soil and adverse impacts to groundwater; and,
- Exposure of biota to contaminated sediment.

The following sections discuss performance, effectiveness, and protectiveness of the approved site remedy relative to the RAOs. In addition, the sections discuss compliance with the NYSDEC-approved SMP.

3.2 Institutional and Engineering Control Plan Compliance

The Institutional and Engineering Control Plan details the steps necessary to manage and implement the institutional and engineering controls for the Site, consistent with the requirements of the remedy. The Institutional and Engineering Control Plan identifies issues to be specifically evaluated with respect to the institutional and engineering control certification. The Institutional and Engineering Control Plan also identifies requirements to be placed on future site development activities within the restricted areas of the Site.

3.2.1 Description of Institutional Control

The following paragraphs discuss the ICs currently in place for the Site.

Since PCB-contamination is present in subsurface soil within the U.S. Route 20 right-of-way along the southern boundary of the Site, this portion of the Site is subject to an Environmental Notice. The Environmental Notice specifies that any future intrusive work that will encounter or disturb the remaining contamination must be performed in compliance with the Soil Management Plan included in Section 3.0 of the NYSDEC-approved Site Management Plan.

In addition, the Former Bouchard Junkyard Site is also managed as part of New York State's Inactive Hazardous Waste Disposal Site Program. Currently, the Site is listed as a Class 4 Site in the Registry.

3.2.2 Institutional and Engineering Control Plan Compliance Status

Institutional Control Plan

As noted above current institutional controls at the Site consist of an Environmental Notice and the listing on the New York State Inactive Hazardous Waste Site Registry. D&B conducted a detailed review of the site records and concluded that the institutional controls are in-place and effective, and nothing has occurred that would impair the ability of the controls to protect the public health and environment (e.g., removal of site from the registry or termination of the Environmental Notice).

No modifications to the IC Plan are recommended at this time.

3.3 Excavation Plan Compliance

Since contamination remains at the Site, any proposed future activities that may result in the exposure of the contamination must be handled in accordance with the Excavation Plan. The Excavation Plan is included in the Site Management Plan.

3.3.1 Description of Excavation Plan

In general, the Excavation Plan specifies that the NYSDEC must be notified prior to the initiation of any intrusive work that will encounter or disturb the remaining contamination. The notification must include information such as a detailed description of the work, summary of environmental conditions anticipated in the work area, schedule of activities, Site-Specific Health and Safety Plan (HASP), Community Air Monitoring Program (CAMP), identification of waste streams and disposal facilities, etc. The Excavation Plan specifies all information required to be submitted prior to initiation of the excavation activities.

3.3.2 Excavation Plan Compliance Status

Based on the result of the site inspections, no excavation activities were performed at the Site during the 2011 reporting period. Currently, the Excavation Plan for the Site is in-place and effective.

No modifications to the Excavation Plan are recommended at this time.

3.4 Groundwater Use Compliance

3.4.1 Description of Groundwater Use On-Site

There are currently six water supply wells (WSW-1 through WSW-6) on-site. The wells are located in remediated areas and supply potable water to the residences and businesses located on the property. There are no restrictions on the use of groundwater underlying remediated areas of the Site.

The Environmental Notice prohibits the use of groundwater underlying the area of residual contamination without treatment rendering it safe for its intended use. In addition, the Excavation Plan requires treatment and/or off-site disposal of all liquids generated as a result of excavation dewatering activities in this area.

3.4.2 Groundwater Use Compliance Status

Based on the result of the site inspections, no unauthorized use of groundwater has occurred at the Site during the 2011 reporting period. Currently, the groundwater use restrictions are in-place and effective. No modifications to the groundwater use restrictions are recommended at this time.

3.5 Monitoring Plan Compliance

The monitoring plan for the Former Bouchard Junkyard Site includes the following:

- Periodic inspection of the Former Bouchard Junkyard Site to observe general site conditions;
- Collection and analysis of groundwater, water supply well and surface water samples;
- Collection of water level measurements; and,
- Evaluation of water levels, soil conditions and vegetative community within the restored areas of the wetland.

3.5.1 Description of Site Inspections

During the 2011 reporting period, the Site was inspected to document the general condition of the Site and certify that site usage and site activities are consistent with those required by the SMP. Three site inspections were performed during the reporting period. The site inspections included observations of the monitoring wells, surface water drainage, upland vegetation, and wetland area. DFARs documenting results of the site inspections and, where appropriate, the need for maintenance and/or repairs were prepared for each site visit performed in 2011. The DFARs are included in Appendix C.

Monitoring Wells

The four existing monitoring wells (MW-1, MW-2R, MW-4, and MW-6R) and six existing water supply wells (WSW-1 through WSW-6) at the Former Bouchard Junkyard Site were inspected. The inspection focused on the following areas:

- Concrete surface seals;
- Protective outer casings and lids;
- Locks and locking well caps; and,
- Excessive silt in the wells.

In general, the inspections have indicated the wells are in good condition, with the exception of MW-1 and WSW-4. The locking cover at MW-1 is broken; however, a lock is present on the "j-plug". The locking cover at WSW-4 is missing. As a result, the well head is unprotected.

It is recommended that the locking covers on MW-1 and WSW-4 be replaced.

Surface Water/Drainage

The Site was inspected for signs of poor surface water drainage such as standing water, erosion and/or deposition. No drainage problems were observed at the Site.

Upland Vegetation

Vegetation in the upland areas of the Site is well established and appears to be healthy with no visual signs of stress. No maintenance is recommended at this time.

Wetland

Wetland inspections were performed on June 23, 2011, September 9, 2011 and November 2, 2011 to assess conditions within the remediated wetland area. U.S. Army Corps of Engineers (USACE) Routine Wetland Determination Data Forms were completed in accordance with the USACE 1987 Corps Methodology for each inspection. Four data points (DP-1 through DP-4) were established within the remediated wetland area. At each data point, trees and shrubs were identified within a 20-foot radius, and dominant herbaceous species were identified within a 10-foot radius.

Soils were examined at each data point to a depth of approximately 12-inches. Soil colors were evaluated, and indicators of hydric soils, such as gleyed or low chroma colors and mottles were identified. Wetland hydrology indicators such as inundation, stained leaf litter, drift lines, oxidized root channels and the presence of wetland drainage patterns were also identified at each data point.

USACE Routine Wetland Determination Data Forms completed as part of each inspection are included in Appendix D. Photographs of the remediated wetland area are included in the DFARs in Appendix C. Results of the wetland inspections are discussed below.

Observations made during the inspections indicated that the remediated area had approximately 70 percent vegetative cover with herbaceous species, shrubs and trees. The majority of vegetation is herbaceous. No invasive species were observed in the remediated wetland area. The approximate survivability of trees and shrubs planted in the remediated area was also estimated. In general, approximately 90 percent of the plantings were observed to be healthy and in good condition.

Wetland hydrology indicators observed within the remediated area included inundated soils, water marks, sediment deposits, drainage patterns, oxidized root systems, and water stained leaves. The color of the soils was observed to be of a low chroma color in the A and B horizons with mottles in the B horizon.

The remediated wetland area appears to have conditions indicative of wetland hydrology, including saturated soils. The remediated wetland area was observed to be well vegetated and functioning as an emergent and scrub shrub wetland.

Based on the wetland inspections, it appears that the wetland restoration criteria have been satisfied. As a result, it is recommended that the frequency of annual wetland inspections be reduced from three inspections per year to one inspection per year during the 2012 calendar year. Based on the results of the 2012 inspection, the wetland monitoring portion of the SMP may be discontinued.

3.5.2 Performance and Effectiveness Monitoring

Performance and effectiveness monitoring activities completed at the Former Bouchard Junkyard Site included sampling and analysis of groundwater and surface water. Details of the performance and effectiveness monitoring activities are provided in the sections below.

3.5.2.1 Water Level Monitoring

Two rounds of water level measurements were completed at the Site this reporting period. Water levels were measured in four site monitoring wells (MW-1, MW-2R, MW-4 and MW-6R) in June 2011 and December 2011. Water levels were measured using a hand-held electronic water level indicator. The indicator probe was gradually lowered into the well until the point at which the audible alarm indicated that the probe reached water. The water level was then obtained by measuring the depth from this point to the top of the well's inner casing or surveyed reference mark. Water level measurements from the June 2011 and December 2011 groundwater sampling events and previous investigations are presented in Table 3-1.

Depth to water level measurements and topographic survey data were used to calculate groundwater elevations and prepare contour maps. Tabulated groundwater elevation data and representative contour maps are presented in Appendix E. Based on a review of the water level elevation data, the predominant direction of groundwater flow is south-southeast.

The results of the water level monitoring performed this reporting period are consistent with previous monitoring events. Groundwater flow characteristics are also consistent with previous investigations. As a result, it is recommended that the water level monitoring portion of the SMP be discontinued at this time.

3.5.2.2 Groundwater Sampling and Analysis

Two rounds of groundwater sampling were completed this reporting period. Samples for chemical analysis were collected from monitoring wells MW-1, MW-2R, MW-4, and MW-6R in June 2011 and December 2011. Each well was purged of at least three volumes of groundwater

TABLE 3-1
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER LEVEL MEASUREMENT SUMMARY

WELL	GROUND ELEVATION (ft MSL)	REFERENCE ELEVATION (ft MSL)	DATE											
			11/16/2001		11/26/2001		11/27/2001		5/23/2002		5/24/2002		3/31/2005	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
MW-1	707.79	709.90	22.45	687.45	22.60	687.30	22.64	687.26	16.36	693.54	16.26	693.64	10.72	699.18
MW-2	694.73	697.11	11.00	686.11	10.97	686.14	10.97	686.14	6.72	690.39	6.74	690.37	6.42	690.69
MW-3	696.25	698.39	12.92	685.47	12.96	685.43	12.98	685.41	7.50	690.89	7.51	690.88	5.96	692.43
MW-4	690.63	692.96	5.86	687.10	5.77	687.19	5.79	687.17	4.09	688.87	4.12	688.84	3.17	689.79
MW-5	691.93	694.08	8.84	685.24	8.81	685.27	8.80	685.28	4.55	689.53	4.59	689.49	3.40	690.68
MW-6	692.02	694.46	8.34	686.12	8.25	686.21	8.25	686.21	5.34	689.12	5.36	689.10	4.50	689.96

WELL	GROUND ELEVATION (ft MSL)	REFERENCE ELEVATION (ft MSL)	DATE			
			6/22/2011		12/21/2011	
			DTW	ELEV	DTW	ELEV
MW-1	707.79	709.90	16.31	693.59	12.80	697.10
MW-2R	694.73	696.73	6.35	690.38	5.51	691.22
MW-4	690.63	692.96	3.98	688.98	3.69	689.27
MW-6R	692.02	694.02	4.86	689.16	4.33	689.69

NOTES:
ft MSL - feet above mean sea level.
DTW - depth to water in feet relative to top of well casing.
ELEV - groundwater elevation in feet above mean sea level.

before sample collection using a new disposable polyethylene bailer. Field parameters, including pH, specific conductance, turbidity and temperature, were monitored during sampling using a water quality meter. All of the samples were analyzed for TCL VOCs, TCL SVOCs, TCL pesticides/PCBs, Target Analyte List (TAL) inorganics and cyanide. Wells with groundwater exhibiting turbidity of greater than 50 nephelometric turbidity units (NTUs) were allowed to settle prior to collecting samples for total metals.

Field forms completed as part of the 2011 sampling activities are included in Appendix F. Tabulated analytical results and Data Usability Summary Reports (DUSRs) are presented in Appendix G.

To track trends with regard to performance of the remedial action and achievement of the remedial action objectives, groundwater analytical results were compared to NYSDEC TOGS 1.1.1, "Ambient Water Quality Standards and Guidance Values", dated June 1998. Analytical results obtained for groundwater samples were compared to Class GA groundwater standards and guidance values.

Groundwater Sampling Results and Trend Monitoring

VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the groundwater samples collected this reporting period.

SCGs were exceeded for the metals iron, manganese, and sodium in the groundwater samples that were collected during the June 2011 sampling event. Iron was detected above its SCG of 300 µg/l at a concentration of 791 µg/l in MW-4 and at a concentration of 2,530 µg/l in MW-6R. Manganese was detected above its SCG of 300 µg/l at a concentration of 324 µg/l in MW-6R. Total iron and manganese exceeded its combined SCG of 500 µg/l at a concentration of 973 µg/l in MW-4 and at a concentration of 2,854 µg/l in MW-6R. Sodium was detected above its SCG of 20,000 µg/l at a concentration of 41,800 µg/l in MW-6R.

SCGs were exceeded for the metals antimony and sodium in the groundwater samples that were collected during the December 2011 sampling event. Antimony was detected above its

SCG of 3 μg/l at a concentration of 11.1 μg/l in MW-6R. Sodium was detected above its SCG of 20,000 μg/l at a concentration of 41,500 μg/l in MW-6R.

Based on side-by-side comparison of the groundwater sampling results over time, no VOCs have been detected in excess of SCGs in five rounds of groundwater sampling. No SVOCs or pesticides have been detected in excess of SCGs in four rounds of groundwater sampling. One PCB, Aroclor-1260, exceeded its SCG in one sample collected in May 2002. Since May 2002, no PCBs have been detected above SCGs in three rounds of groundwater sampling.

Historically, up to six metals (antimony, cyanide, iron, manganese, sodium, and thallium) have been detected in excess of SCGs in the monitoring wells at the Site. Comparison of the sampling results shows the number of SCG exceedances and the range of concentrations are similar in both upgradient wells and downgradient wells. Previous investigations have determined that metals in groundwater do not appear to be site-related. The metals are likely attributable to background water quality. Therefore, metals contamination in groundwater at the Site is not a concern.

Based on the current data set, it appears the RAOs specified in the ROD and RODA for groundwater at the Site have been achieved. As a result, it is recommended that the groundwater monitoring portion of the SMP be discontinued at this time.

3.5.2.3 Water Supply Well Sampling and Analysis

Two rounds of water supply well sampling were completed this reporting period. The owners were contacted for permission prior to sampling their wells. Samples for chemical analysis were collected from water supply wells WSW-1, WSW-2, WSW-3, WSW-4, WSW-5, and WSW-6 during the June 2011 sampling event. Samples for chemical analysis were collected from water supply wells WSW-2, WSW-3, WSW-4, WSW-5, and WSW-6 during the December 2011 sampling event. At the request of the property owner, a sample was not collected from water supply well WSW-1 during the December 2011 event. Field parameters, including pH, specific conductance, turbidity and temperature, were monitored during sampling using a water

quality meter. All of the samples were analyzed for TCL VOCs, TCL SVOCs, TCL pesticides/PCBs, TAL inorganics and cyanide.

Field forms completed as part of the 2011 sampling activities are included in Appendix F. Tabulated analytical results and DUSRs are presented in Appendix G.

To track trends with regard to performance of the remedial action and achievement of the remedial action objectives, water supply well analytical results were compared to New York State Department of Health Drinking Water Standards contained in Subpart 5-1 of the State Sanitary Code, effective April 25, 2001.

Water Supply Well Sampling Results and Trend Monitoring

VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the water supply well samples collected this reporting period.

SCGs were exceeded for the metals iron and manganese in the water supply well samples that were collected during the June 2011 sampling event. Iron was detected above its SCG of 300 µg/l at concentrations ranging from 591 µg/l (WSW-1) to 13,400 µg/l (WSW-3). Manganese was detected above its SCG of 300 µg/l at a concentration of 1,100 µg/l in WSW-1. Total iron and manganese exceeded its combined SCG of 500 µg/l at concentrations ranging from 702.9 µg/l (WSW-2) to 13,495.2 µg/l (WSW-3).

SCGs were exceeded for the metals iron and manganese in the water supply well samples that were collected during the December 2011 sampling event. Iron was detected above its SCG of 300 µg/l at concentrations ranging from 1,370 µg/l (WSW-2) to 29,400 µg/l (WSW-3). Manganese was detected above its SCG of 300 µg/l at a concentration of 342 µg/l in WSW-6. Total iron and manganese exceeded its combined SCG of 500 µg/l at concentrations ranging from 1,432.1 µg/l (WSW-2) to 29,532 µg/l (WSW-3).

Based on side-by-side comparison of the water supply well sampling results over time, no PCBs have been detected in excess of SCGs in five rounds of water supply well sampling. No

SVOCs or pesticides have been detected in excess of SCGs in four rounds of water supply well sampling. One VOC, tetrachloroethene, exceeded its SCG in one sample collected in November 2001. Since November 2001, no VOCs have been detected above SCGs in four rounds of water supply well sampling.

Iron and manganese have been detected in excess of SCGs in the water supply wells at the Site. As previously discussed, metals in groundwater do not appear to be site-related and are likely a result of background water quality. Therefore, metals contamination in groundwater at the Site is not a concern.

Based on the current data set, it appears the RAOs specified in the ROD and RODA for groundwater at the Site have been achieved. As a result, it is recommended that the water supply well monitoring portion of the SMP be discontinued at this time.

3.5.2.4 Surface Water Sampling and Analysis

Two rounds of surface water sampling were completed this reporting period. Two surface water samples (SW-2 and SW-3) were collected in June 2011 and three surface water samples (SW-1, SW-2, and SW-3) were collected in December 2011. A surface water sample was not collected from SW-1 in June 2011 as the sample location was dry at the time of the sampling event. The samples were collected by submerging the laboratory supplied sample containers and allowing the containers to fill. The surface water samples were analyzed for TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL metals and cyanide.

Field forms completed as part of the 2011 sampling activities are included in Appendix F. Tabulated analytical results and DUSRs are presented in Appendix G.

To track trends with regard to performance of the remedial action and achievement of the remedial action objectives, surface water sample results were compared to the Class C surface water standards and guidance values in NYSDEC TOGS 1.1.1, "Ambient Water Quality Standards and Guidance Values", dated June 1998.

Surface Water Sampling Results and Trend Monitoring

VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the surface water samples collected this reporting period.

Based on a side-by-side comparison of the surface water sampling results over time, no VOCs, SVOCs or PCBs have been detected in excess of SCGs in five rounds of surface water sampling. One pesticide, heptachlor epoxide, exceeded its SCG in one sample collected in May 2002. The exceedance was in a sample collected from an upgradient off-site location. No pesticides have been detected above SCGs in the three rounds of groundwater sampling completed since May 2002.

SCGs were exceeded for the metals iron and aluminum in the surface water samples that were collected during the June 2011 sampling event. Iron was detected above its SCG of 300 µg/l at a concentration of 800 µg/l in SW-2 and at a concentration of 613 µg/l in SW-3. Aluminum was detected above its SCG of 100 µg/l in one sample SW-3 at a concentration of 195 µg/l. Previous investigations have determined that the metals are likely to be naturally occurring and not site related. Therefore, metals contamination in surface water at the Site is not a concern.

Based on the current data set, it appears the RAOs specified in the ROD for surface water at the Site have been achieved. As a result, it is recommended that the surface water monitoring portion of the SMP be discontinued at this time.

Section 4

4.0 COST EVALUATION

Project costs associated with periodic site inspections, collection of samples, and report preparation are organized into three categories, which consist of labor, expenses, and subcontractor costs. The total project cost incurred during the 2011 period was $62,091. Of this amount, $39,430 is related to labor charges and $4,242 is related to expenses and $18,419 is related to subcontractor costs. At this time, it is recommended that the groundwater, water supply well, surface water, and water level monitoring portions of the SMP be discontinued. In addition, it is recommended that the frequency of annual wetland inspections be reduced from three inspections per year to one inspection per year during the 2012 calendar year. Following the 2012 inspection, wetland inspection may be discontinued. If implemented, the recommendations will significantly reduce the annual cost of site management activities at the Former Bouchard Junkyard Site.

Section 5

5.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

Based on the data collected as part of the site management activities, the following findings have been established:

5.1 Findings

General

- The Bouchard Junkyard Site is a former scrap metal storage/processing facility. The Site was remediated by the NYSDEC between May 2008 and June 2009 and is in the site management phase;
- After completion of the work described in the ROD, RODA and remedial design, some residual contamination remains in the subsurface at the Site;
- A SMP was prepared for the Site by D&B on behalf of the NYSDEC to manage remaining contamination;
- Current site management activities consist of periodic site inspections, wetland inspections, water level monitoring, semi-annual groundwater sampling, water supply well sampling, surface water sampling, and report preparation;
- This is the first Periodic Review Report for the Site; and,
- Current Institutional Controls at the Site consist of an Environmental Notice and listing on the New York State Inactive Hazardous Waste Site Registry.

Site Inspections

- Site wells are in good condition, with the exception of MW-1 and WSW-4. The locking cover at MW-1 is broken; however, a lock is present on the "j-plug". The locking cover at WSW-4 is also missing. As a result, the well head is unprotected;
- No signs of poor surface water drainage such as standing water, erosion and/or deposition were observed at the Site;
- Vegetation in the upland areas of the Site is well established and appears to be healthy with no visual signs of stress;
- No evidence of excavation or groundwater use was observed within the portion of the Site covered by the Environmental Notice;
- The remediated wetland area appears to have conditions indicative of wetland hydrology, including saturated soils. The remediated wetland area was observed to be well vegetated and functioning as an emergent and scrub shrub wetland.

Groundwater Sampling

- Water level monitoring was conducted;
- Groundwater beneath the site flows to the south-southeast;
- VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the groundwater samples collected this reporting period. SCGs were exceeded for the metals iron, manganese, and sodium in the groundwater samples that were collected during the June 2011 sampling event. SCGs were exceeded for the metals antimony and sodium in the groundwater samples that were collected during the December 2011 sampling event. Metals in groundwater do not appear to be site-related and are likely a result of background;
- Based on side-by-side comparison of the groundwater sampling results over time, no VOCs have been detected in excess of SCGs in five rounds of groundwater sampling. No SVOCs or pesticides have been detected in excess of SCGs in four rounds of groundwater sampling. One PCB, Aroclor-1260, exceeded its SCG in one sample collected in May 2002. No PCBs have been detected above SCGs in the three rounds of groundwater sampling completed since May 2002; and,
- Historically, up to six metals (antimony, cyanide, iron, manganese, sodium, and thallium) have been detected in excess of SCGs in the monitoring wells at the Site. As discussed above, metals in groundwater do not appear to be site-related and are likely attributable to background water quality.

Water Supply Well Sampling

- VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the water supply well samples collected this reporting period;
- SCGs were exceeded for the metals iron and manganese (common naturally occurring constituents) in the water supply well samples that were collected during the June 2011 and December 2011 sampling events;
- Based on side-by-side comparison of the water supply well sampling results over time, no PCBs have been detected in excess of SCGs in five rounds of water supply well sampling. No SVOCs or pesticides have been detected in excess of SCGs in four rounds of water supply well sampling. One VOC, tetrachloroethene, exceeded its SCG in one sample collected in November 2001; and,
- Since November 2001, no VOCs have been detected above SCGs in four rounds of water supply well sampling.

Surface Water Sampling

- VOCs, SVOCs, pesticides and PCBs were not detected above SCGs in any of the surface water samples collected this reporting period;

- SCGs were exceeded for the metals iron and aluminum (common naturally occurring constituents) in the surface water samples that were collected during the June 2011 sampling event; and,
- Based on side-by-side comparison of the surface water sampling results over time, no VOCs, SVOCs or PCBs have been detected in excess of SCGs in five rounds of surface water sampling. One pesticide, heptachlor epoxide, exceeded its SCG in one sample collected in May 2002. No pesticides have been detected above SCGs in the three rounds of groundwater sampling completed since May 2002.

5.2 Conclusions

Based on the data collected as part of the Former Bouchard Junkyard site management activities, the following conclusions have been made:

- The Institutional Controls for the Former Bouchard Junkyard Site are in-place and effective;
- Soil and groundwater management activities at the Site are consistent with the SMP;
- The RAOs specified in the ROD and RODA for surface and subsurface soil have been achieved;
- The RAOs specified in the ROD and RODA for surface water and sediment at the Site have been achieved;
- The RAOs specified in the ROD and RODA for groundwater at the Site have been achieved; and,
- The remedy is protective of human health and the environment.

5.3 Recommendations

Based on an evaluation of the remedy performance, effectiveness, and protectiveness for the Former Bouchard Junkyard Site, the following recommendations have been established:

- The locking covers on MW-1 and WSW-4 should be replaced;
- The frequency of annual wetland inspections should be reduced from three inspections per year to one inspection per year during the 2012 reporting period. Based on the results of the 2012 inspection, the wetland monitoring portion of the SMP may be discontinued.
- The water level monitoring portion of the SMP should be discontinued at this time;

- The groundwater monitoring portion of the SMP should be discontinued at this time;
- The water supply well monitoring portion of the SMP should be discontinued at this time;
- The surface water monitoring portion of the SMP should be discontinued at this time;
- Continue annual site inspections to certify the ICs are in-place and effective. The inspections may be limited to the portion of the Site covered by Environmental Notice; and,
- Modify and/or revise the Site Management Plan, as appropriate, to reflect the above recommendations.

Section 6

6.0 REPORT CERTIFICATION

For each institutional and/or engineering control identified for the Site, I certify that all of the following statements are true:

- The institutional and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER;
- Nothing has occurred that would impair the ability of such control to protect public health and the environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- The PRR and all attachments (or the inspections/evaluations necessary to make this certification) were prepared under the direction of, and reviewed by, the person making the certification;
- The information presented in this report is accurate and complete; and,
- To the best of my knowledge and belief, the work and conclusions described in the certification are in accordance with the requirements of the site remedial program.

Project Manger: _____ 7/20/2012

James J. Magda **Date**
Project Manager

Section 7

7.0 REFERENCES

D&B, 2002. Remedial Investigation Report. Former Bouchard Junkyard Site, Site Number 4-11-014, Town of New Lebanon, Columbia County, New York. August 2002.

D&B, 2005. Pre-Design Investigation Report. Former Bouchard Junkyard Site, Site Number 4-11-014, Town of New Lebanon, Columbia County, New York. July 2005.

D&B, 2008. Site Management Plan. Former Bouchard Junkyard Site, Site Number 4-11-014, Town of New Lebanon, Columbia County, New York. January 2008.

NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).

NYSDEC, 2006. Record of Decision Amendment. Former Bouchard Junkyard Site. Site Number 4-11-014, Town of New Lebanon, Columbia County, New York. September 2006.

NYSDEC, 2006. 6 NYCRR Part 375, Environmental Remediation Programs, Subparts 375-1 to 375-4 & 375-6, effective December 14, 2006.

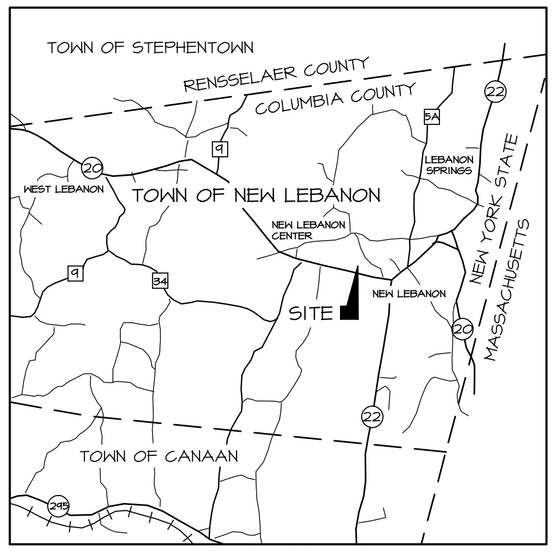
NYSDOH, 1998. Drinking Water Standards, NYCRR Title 10, Part 5, effective May 1998.

Appendix A

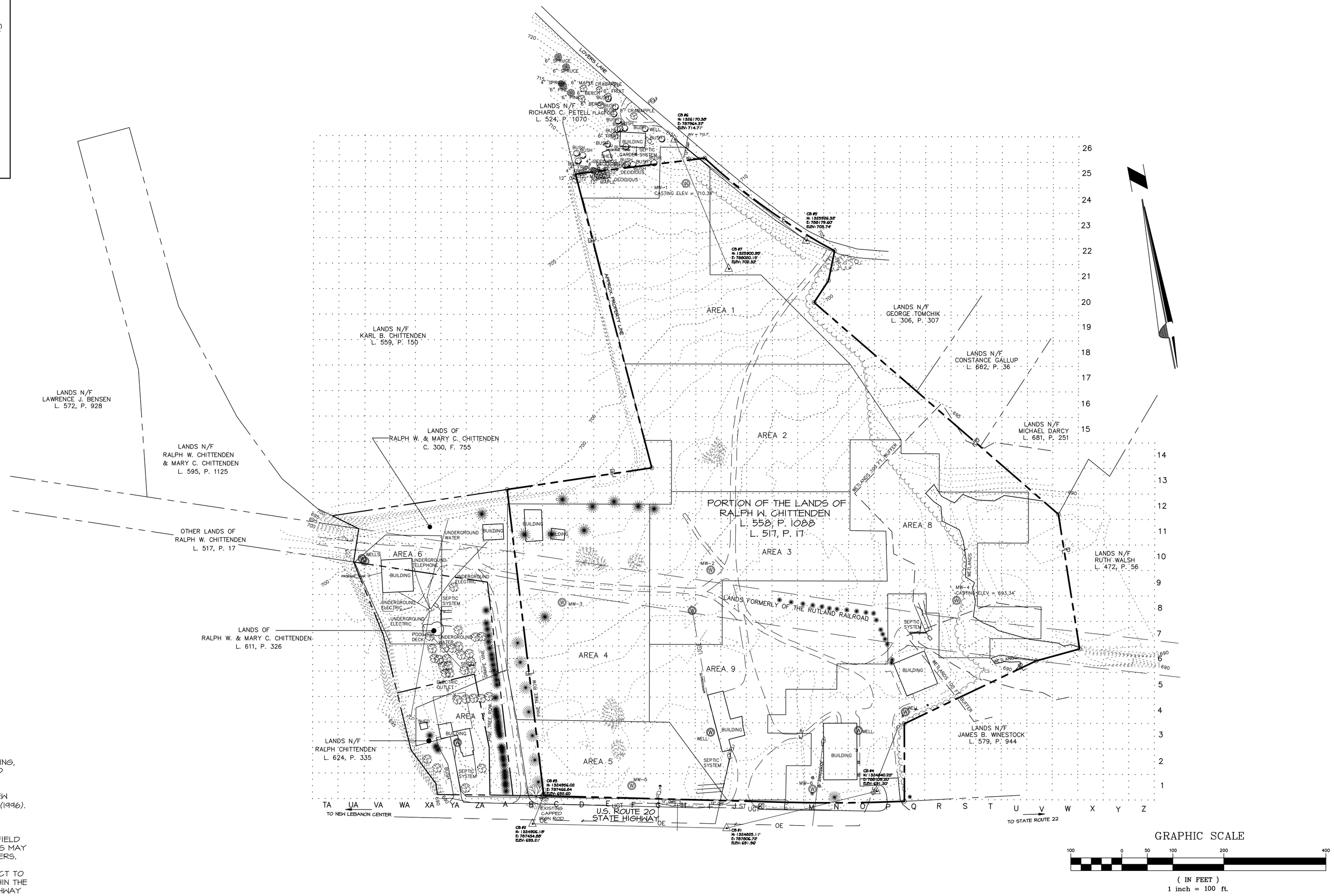
APPENDIX A

REMEDIAL CONSTRUCTION DRAWINGS

G:\Projects\30809\dwg\30809 PRE-CONSTRUCTION.dwg
March 20, 2009



SITE LOCATION MAP
NOT TO SCALE



GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED MAY 2008 AND UPDATED AUGUST 2008 AND OCTOBER 2008.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83 (1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJECT TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LYING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

CLARK ENGINEERING & SURVEYING, P.C.
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www.clarkpc.com

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO. 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

REVISIONS:

No.		BY	DATE
1	ADDED PROPERTY LINES AND CASTING ELEV.	LJB	4/20/09
2	REVISIONS PER DVIRKA & BARTILUCCI COMMENTS	LJB	5/10/09

SCALE: 1" = 100'
DATE: 10/16/2008
DRAFTED BY: LJB
CHECKED: DJG
APPROVED: DJG

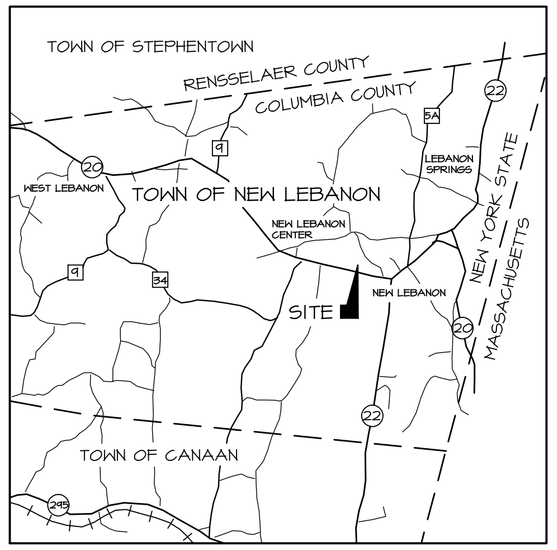
TITLE
PRE-CONSTRUCTION TOPOGRAPHIC SURVEY

PROJECT NO.
30809

DRAWING NAME
30809 PRE-CONSTRUCTION.DWG

DRAWING NO.
V1

G:\Projects\30809\dwg\30809EXCAVATION.DWG
March 20, 2009



SITE LOCATION MAP
NOT TO SCALE

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED THROUGH DECEMBER 1, 2008.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83(1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJEC TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LYING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

Site Volume Table: Unadjusted

Site	Stratum	Surf1	Surf2	Cut cu.yds	Fill cu.yds	Net cu.yds	Method
JUNKYARD							
	november 2008	pre-construction		30809	12012008 bottom		
				44431	9	44422 (C)	Grid
				44612	10	44602 (C)	Composite
						44512 (C)	AVERAGE
WETLANDS							
	november 2008	pre-construction		30809	12012008 bottom		
				2317	0	2317 (C)	Grid
				2503	1	2502 (C)	Composite
						2410 (C)	AVERAGE

SOIL EXCAVATED TO A DEPTH OF 0.5' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF 1.0' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF 1.5' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF AS INDICATED

CLARK ENGINEERING & SURVEYING, P.C.
20 SHAKER RD., BOX 730, NEW LEBANON, NY 12125
TEL:(518)794-8613 FAX:(518)766-5663
www.clarkpc.com

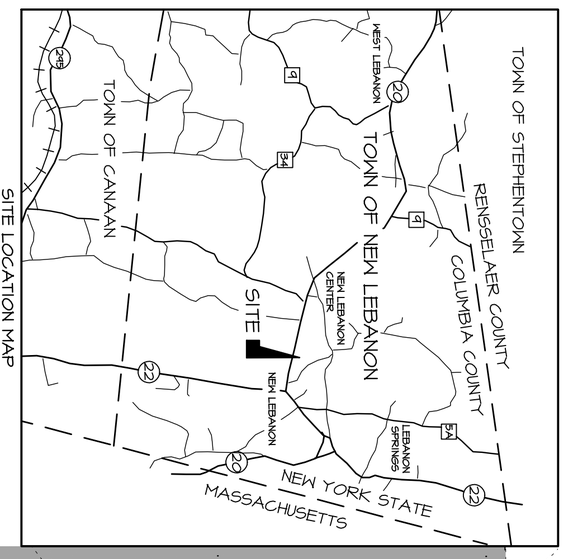
N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO . 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

No.	REVISIONS:	BY	DATE
4	UPDATED CONTOURS, VOLUME TABLES AND ADDED WETLANDS	LJB	01/20/09
5	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	02/11/09
6	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/6/09
7	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/20/09

SCALE: 1" = 100'
DATE: 10/15/2008 LJB
DRAFTED BY:
CHECKED: ENG
APPROVED: ENG

TITLE
EXCAVATION TOPOGRAPHIC SURVEY

PROJECT NO.
30809
DRAWING NAME
30809EXCAVATION.DWG
DRAWING NO.
V2



NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED THROUGH DECEMBER, 2008.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83 (1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJECT TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LYING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN" DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5 DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

SOIL EXCAVATED TO A DEPTH OF 0.5' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF 1.0' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF 1.5' BELOW ORIGINAL SURFACE

SOIL EXCAVATED TO A DEPTH OF AS INDICATED

PORTION OF THE LANDS OF
RALPH W. CHITTENDEN
L. 558, P. 1088
L. 517, P. 17

AREA 3

AREA 8

9.0'

1.5'

2.5'

4.5'

WETLANDS 100 FT. BUFFER

WETLANDS

BUILDING

LANDS N/F
MICHAEL DARCY
L. 681, P. 251

LANDS N/F
RUTH WALSH
L. 472, P. 56

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

G:\Projects\30809\dwg\30809 EXCAVATION WETLANDS.DWG
March 20, 2009

PROJECT NO.	30809		
DRAWING NAME	30809 EXCAVATION WETLANDS.DWG		
DRAWING NO.	V3		
SCALE:	1" = 20'		
DATE:	1/20/2009		
DRAFTED BY:	LJB		
CHECKED:	ERQ		
APPROVED:	ERQ		

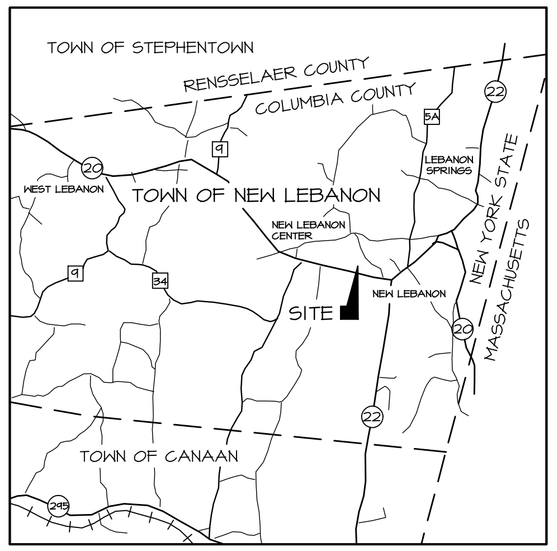
No.	REVISIONS:	BY	DATE
1	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/6/09
2	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/11/09
3	REVISIONS PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/20/09

TITLE
EXCAVATION WETLANDS TOPOGRAPHIC SURVEY

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO . 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

CLARK ENGINEERING & SURVEYING, P.C.
20 SHAKER RD., BOX 730, NEW LEBANON, NY 12125
TEL: (518)794-8613 FAX: (518)766-5663
www.clarkpc.com

G:\Projects\30809\dwg\30809 SAMPLE.dwg
March 20, 2009



SITE LOCATION MAP
NOT TO SCALE

GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED THROUGH DECEMBER 1, 2008.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83 (1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJECT TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LYING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

CLARK ENGINEERING & SURVEYING, P.C.
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N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO. 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

REVISIONS:

No.		BY	DATE
1	UPDATED SAMPLE LOCATIONS	LJB	11/04/08
2	UPDATED SAMPLE LOCATIONS	LJB	12/04/08

SCALE: 1" = 100'
DATE: 10/16/2008
DRAFTED BY: LJB
CHECKED: ERG
APPROVED: ERG

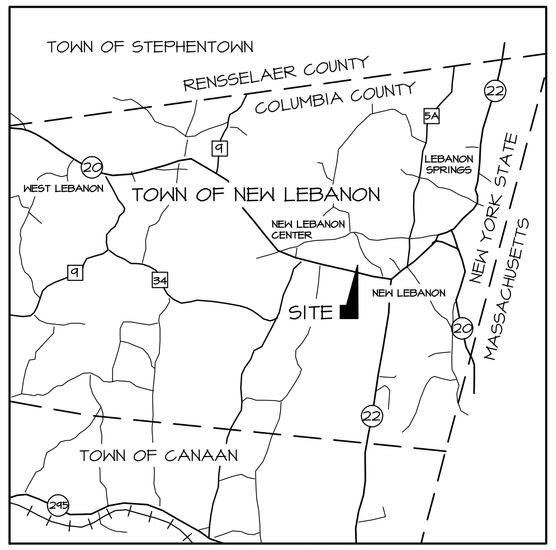
TITLE
SAMPLE LOCATIONS

PROJECT NO.
30809

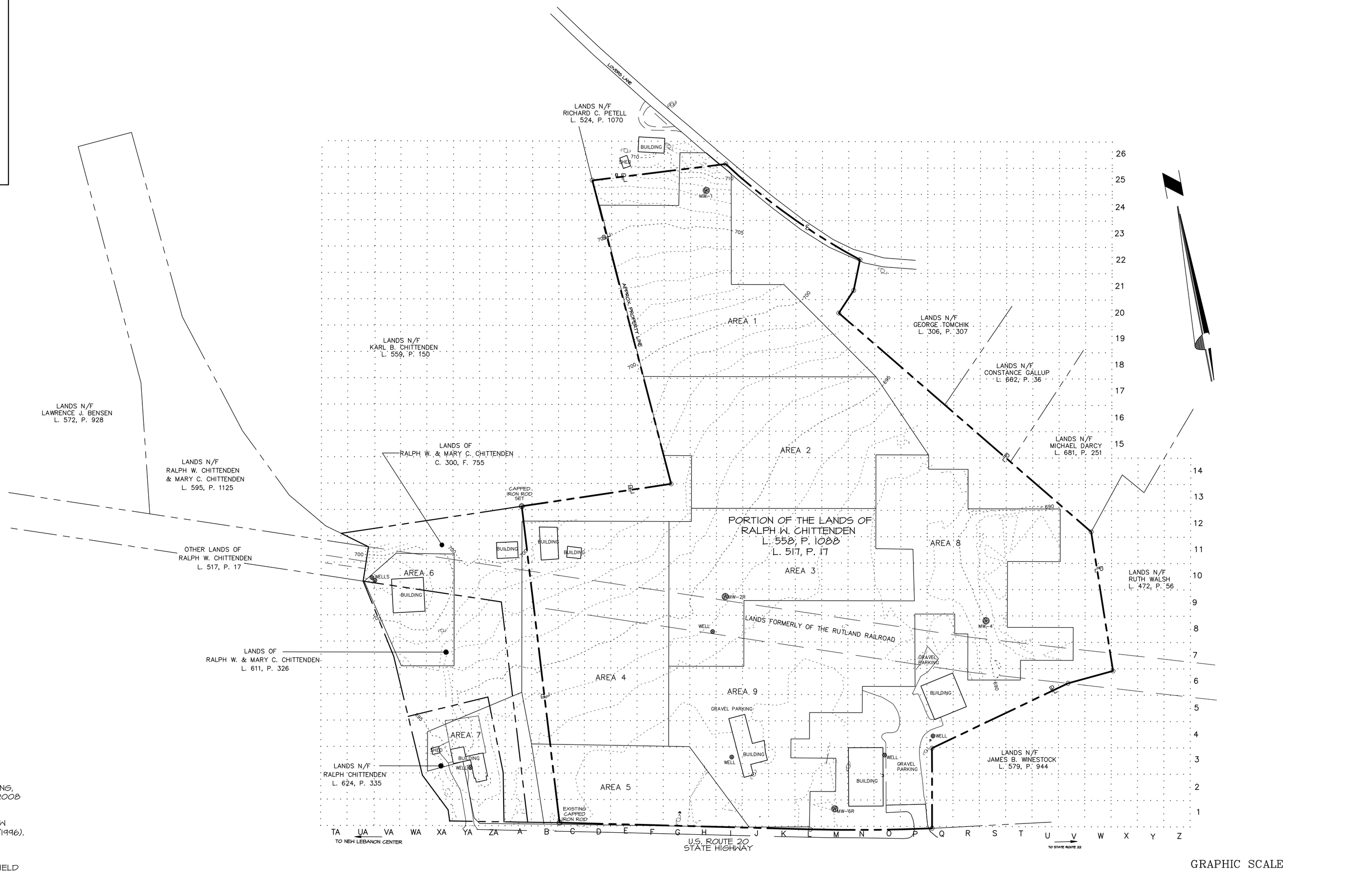
DRAWING NAME
30809 SAMPLEDWG

DRAWING NO.
V4

G:\Projects\30809\dwg\30809 BACKFILL.dwg
March 20, 2009



SITE LOCATION MAP
NOT TO SCALE



GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED DECEMBER 16, 2008 AND UPDATED JANUARY 30, 2009.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83 (1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
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6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

Site Volume Table: Unadjusted

Site	Stratum	Surf1	Surf2	Cut cu.yds	Fill cu.yds	Net cu.yds	Method
JUNKYARD TOTAL							
	backfill 01202009	30809	12012008	bottom	30809	backfill 01202009	
				11	30727	30716 (F)	Grid
				12	30865	30853 (F)	Composite
WETLANDS						30785 (F)	AVERAGE
	backfill 01202009	30809	12012008	bottom	30809	backfill 01202009	
				0	1846	1846 (F)	Grid
				1	2002	2001 (F)	Composite
						1924 (F)	AVERAGE

GRAVEL: 7230 SQ. YD.
ASPHALT: 499 SQ. FT.
TOP SOIL: 16.96 ACRES

CLARK ENGINEERING & SURVEYING, P.C.
20 SHAKER RD., BOX 730, NEW LEBANON, NY 12125
TEL: (518)794-8613 FAX: (518)766-5663
www.clarkpc.com

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO . 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

REVISIONS:

No.		BY	DATE
1	REVISED PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/11/09
2	REVISED PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/20/09

SCALE: 1" = 100'
DATE: 3/2/2009
DRAWN BY: LJB
CHECKED: ENG
APPROVED: ENG

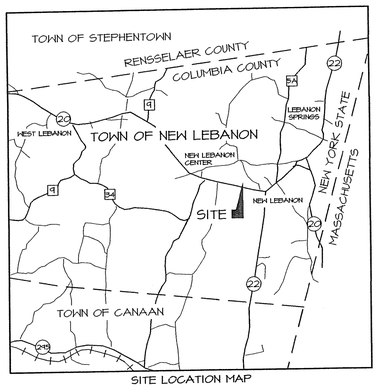
TITLE
BACKFILL TOPOGRAPHIC SURVEY

PROJECT NO.
30809

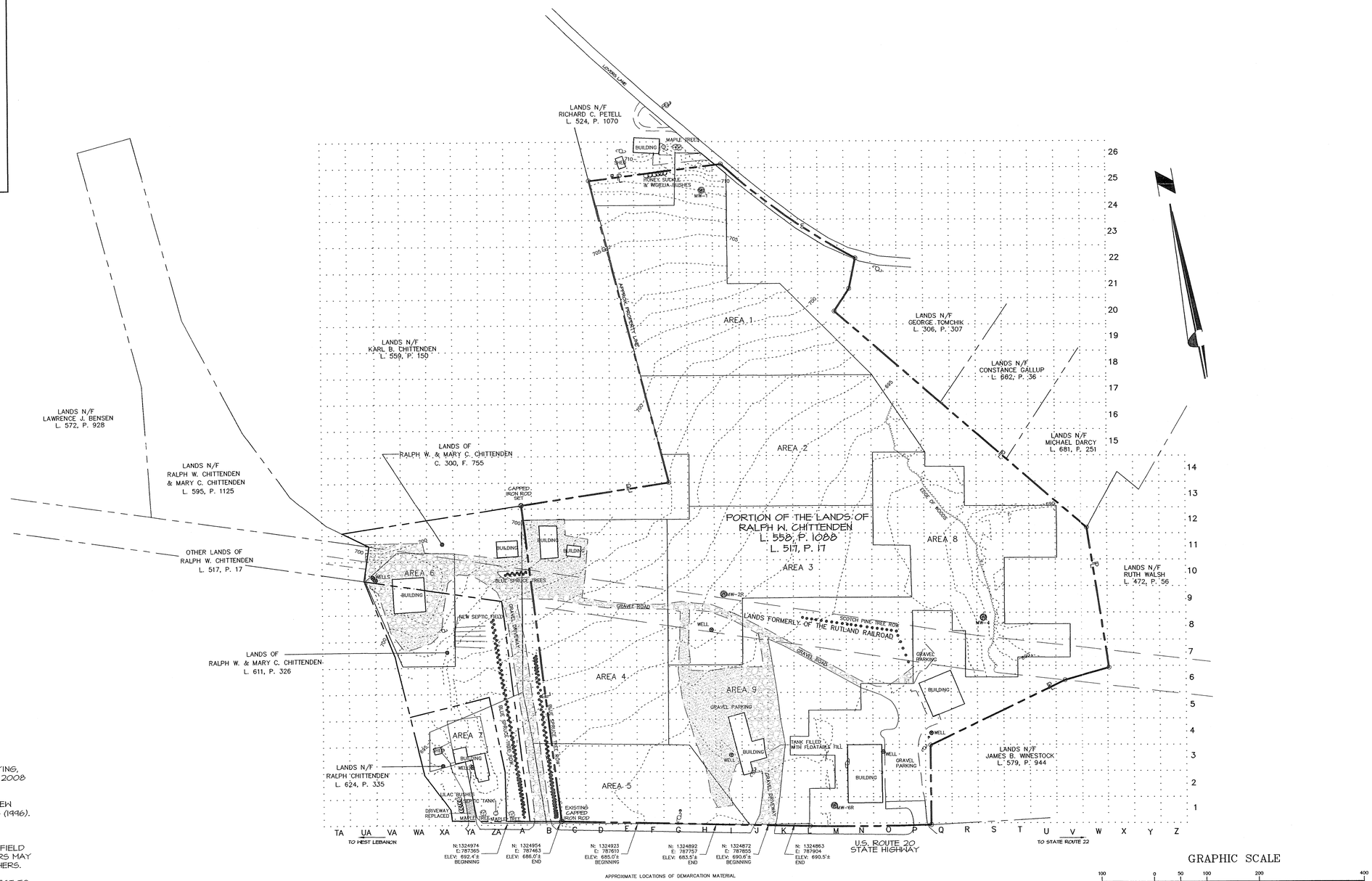
DRAWING NAME
30809 BACKFILL.DWG

DRAWING NO.
V5

G:\Projects\30809\dwg\30809 ASBUILT.dwg
July 01, 2009



SITE LOCATION MAP
NOT TO SCALE



GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED DECEMBER 16, 2008 AND UPDATED JANUARY 30, 2009.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST NAD83 (1996).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJECT TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LY'ING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.
8. LOCATION OF DEMARCATION MATERIAL AS SHOWN HEREONE AS REPORTED BY D.A. COLLINS, LOCATION NOT SURVEYED IN FIELD.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

Site Volume Table: Unadjusted

Site	Stratum	Surf1	Surf2	cu.yds	Cut	Fill	Net	Method
JUNKYARD TOTAL								
	backfill	01202009	30809 12012008	bottom	30809	backfill 01202009		
				11		30727	30716 (F)	Grid
				12		30865	30853 (F)	Composite
WETLANDS							30785 (F)	AVERAGE
	backfill	01202009	30809 12012008	bottom	30809	backfill 01202009		
				0		1846	1846 (F)	Grid
				1		2002	2001 (F)	Composite
							1924 (F)	AVERAGE

GRAVEL: 7230 SQ. YD.
ASPHALT: 499 SQ. FT.
TOP SOIL: 16.96 ACRES

GRAVEL ROAD (PAY ITEM)
CONSTRUCTION ROAD LEFT IN PLACE, AS PER OWNER

CLARK ENGINEERING & SURVEYING, P.C.
20 SHAKER RD. BOX 730, NEW LEBANON, NY 12125
TEL: (518)794-8613 FAX: (518)766-5863
www.clarkpc.com

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO. 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

REVISIONS:

No.		BY	DATE
4	REVISED PER DVIRKA & BARTILUCCI COMMENTS	LJB	3/20/09
5	REVISED PER DVIRKA & BARTILUCCI COMMENTS	LJB	3/29/09
6	REVISED PER DVIRKA & BARTILUCCI COMMENTS	LJB	6/24/09

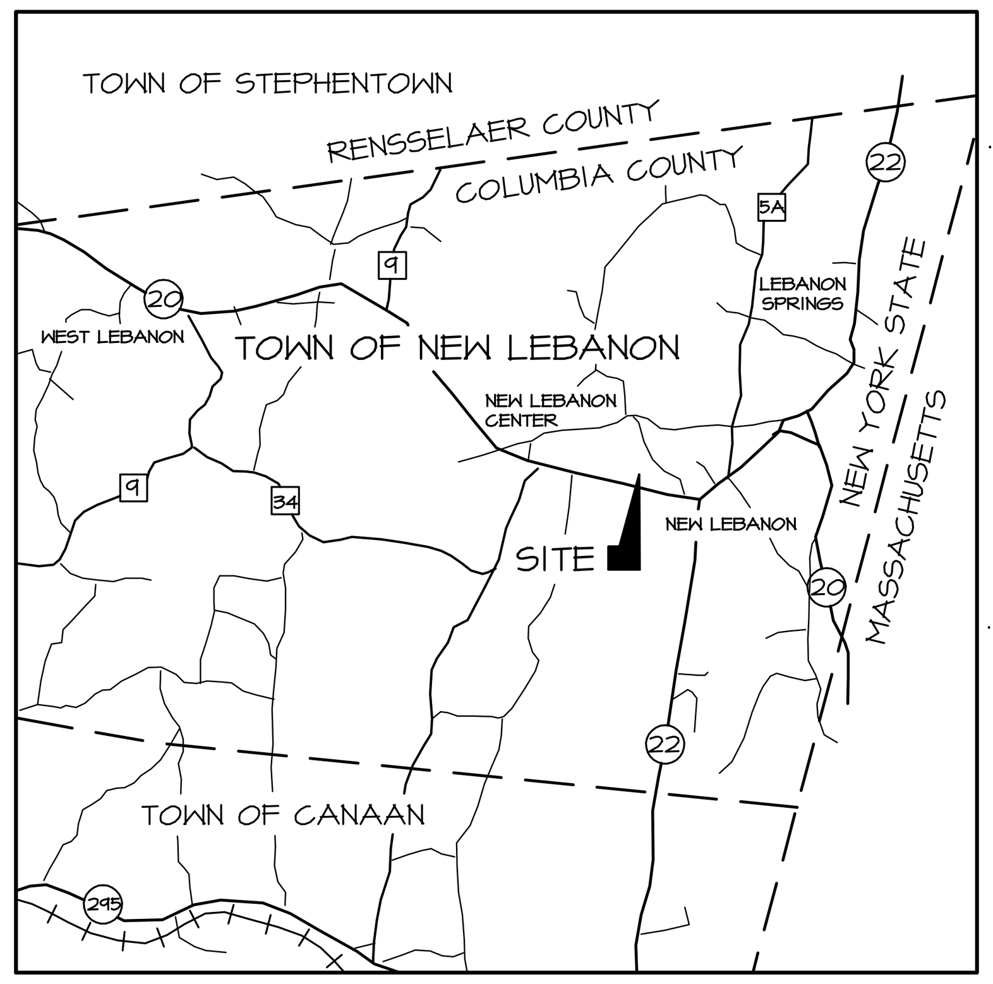
SCALE: 1" = 100'
DATE: 1/20/2009
DRAWN BY: LJB
CHECKED: ERO
APPROVED: ERO

TITLE: AS-BUILT TOPOGRAPHIC SURVEY

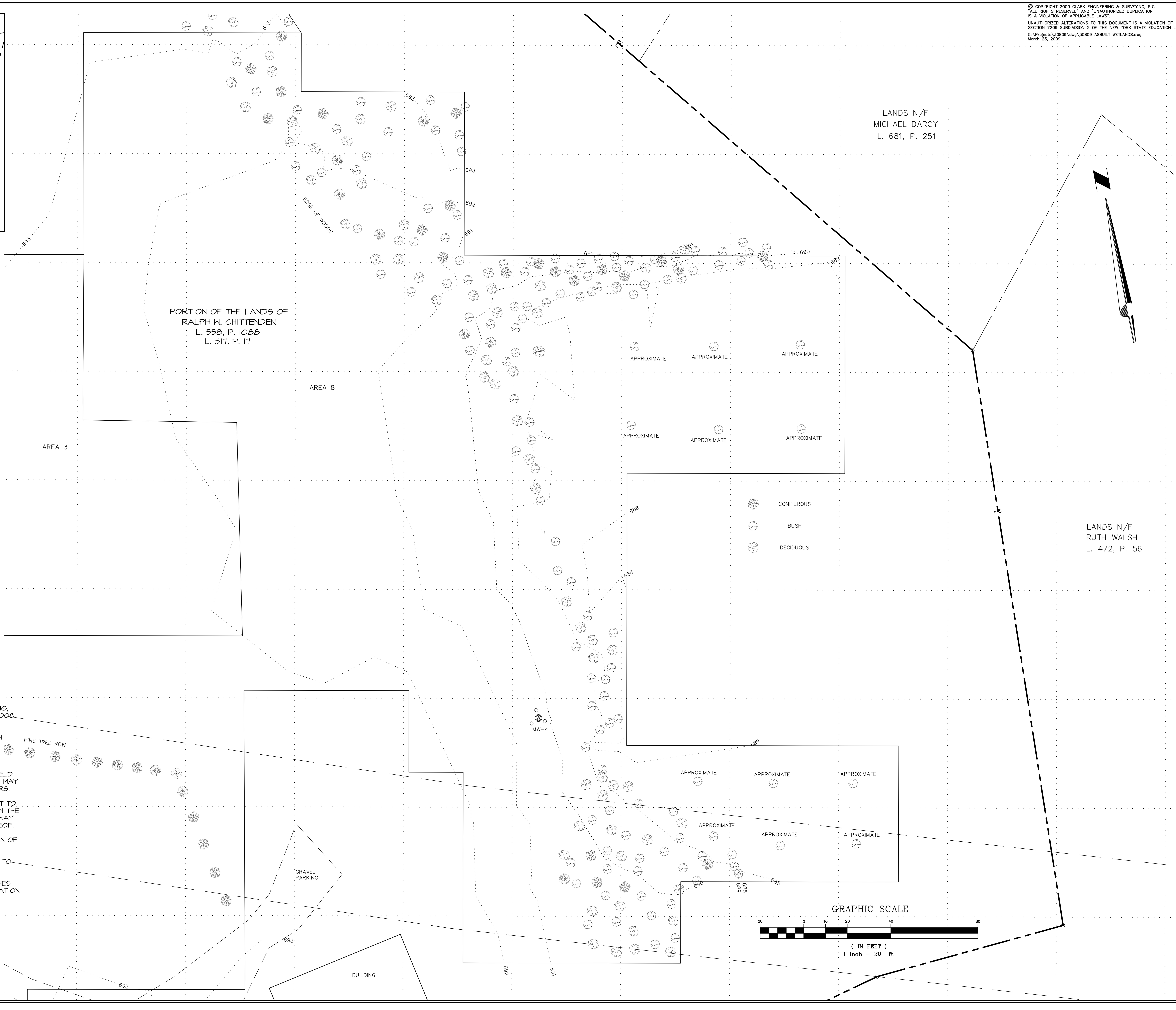
PROJECT NO.
30809

DRAWING NAME
30809 ASBUILT.DWG

DRAWING NO.
V6



SITE LOCATION MAP
NOT TO SCALE



NOTES:

1. MAPPING PREPARED BY CLARK ENGINEERING & SURVEYING, P.C., FROM A FIELD SURVEY COMPLETED DECEMBER 16, 2008 AND UPDATED JANUARY 30, 2009.
2. NORTH REFERENCE USED HEREON IS GRID NORTH PER NEW YORK STATE PLANE COORDINATE SYSTEM EAST(NAD83).
3. VERTICAL REFERENCE USED HEREON IS NAVD 88.
4. UNDERGROUND UTILITIES AS SHOWN HEREON ARE FROM FIELD LOCATION, THEIR LOCATIONS ARE APPROXIMATE, OTHERS MAY EXIST, AND ALL ARE SUBJECT TO VERIFICATION BY OTHERS.
5. PARCEL SURVEYED MAY BE ALONG WITH AND/OR SUBJECT TO RIGHTS, TITLE AND/OR INTERESTS IN AND TO LANDS WITHIN THE BED OF THE ADJACENT ROADS LYING BETWEEN THE HIGHWAY BOUNDARIES SHOWN HEREON AND THE CENTERLINES THEREOF.
6. PARCEL SURVEYED IS FURTHER REFERENCED TO THE TOWN OF NEW LEBANON TAX MAP PARCEL ID NO. 19.02-1-88.
7. PARCEL SURVEYED WITHOUT BENEFIT OF, AND IS SUBJECT TO A COMPLETE AND UP-TO-DATE ABSTRACT OF TITLE.
8. SPECIES AND FREQUENCY OF WETLAND PLANTS AND BUSHES ARE REPORTED IN D.A. COLLINS FINAL WETLAND RESTORATION REPORT 02488-003-A DATED DECEMBER 22, 2008.

MAP REFERENCES:

1. "PROPERTY LINE SURVEY MAP PORTION OF THE LANDS OF RALPH W. CHITTENDEN", DATED NOVEMBER 9, 2001 AS PREPARED BY CLARK ENGINEERING AND SURVEYING P.C.
2. "NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMEDIAL CONSTRUCTION CONTRACT NO. D006282 FORMER BOUCHARD JUNKYARD NEW LEBANON, NEW YORK SOIL EXCAVATION AND OFF-SITE DISPOSAL SITE NO. 4-11-014," SHEETS 1-5, DATED JANUARY 2008 AS PREPARED BY DVIRKA AND BARTILUCCI.

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REMEDIATION SITE NO . 4-11-014
FORMER BOUCHARD JUNKYARD
NEW LEBANON, COLUMBIA COUNTY, NEW YORK

CLARK ENGINEERING & SURVEYING, P.C.
20 SHAKER RD., BOX 730, NEW LEBANON, NY 12125
TEL: (518)794-8613 FAX: (518)766-5663
www.clarkpc.com

No.	REVISIONS:	BY	DATE
1	REVISED PAGE NUMBER	LJB	3/6/09
2	REVISED PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/20/09
3	REVISED PER DVIRKA AND BARTILUCCI COMMENTS	LJB	3/23/09

SCALE: 1" = 20'
DATE: 1/20/2009
DRAFTED BY: LJB
CHECKED: ERQ
APPROVED: ERQ
TITLE: AS-BUILT TOPOGRAPHIC SURVEY

PROJECT NO. 30809
DRAWING NAME 30809 ASBUILT WETLANDS.DWG
DRAWING NO. V7

Appendix B

APPENDIX B

ENVIRONMENTAL NOTICE

Former Bouchard Junkyard
Site No. 411014
U.S. Route 20
Columbia County, NY
Tax Map: 19.01-1-88.1

ENVIRONMENTAL NOTICE

THIS ENVIRONMENTAL NOTICE is made the 20th day of 2011, by the New York State Department of Environmental Conservation (Department), having an office for the transaction of business at 625 Broadway, Albany, New York 12233.

WHEREAS, a parcel of real property located on US Route 20 (Columbia Pike) in the Town of New Lebanon, County of Columbia, State of New York, known and designated on the tax map of the County Clerk of Columbia as tax map number: Section 19.01, Block 1, Lot 88.1 which is part of lands conveyed by the following:

- Fernande Bouchard to Ralph Chittenden by deed dated June 30, 1975 and recorded in the Columbia County Clerk's Office on June 30, 1975, in Book Liber 517 of Deeds at Page 17;

- Alan Skidelsky and Barry Skidelsky to Ralph W. Chittenden by deed dated November 20, 1981 and recorded in the Columbia County Clerk's Office on November 20, 1981, in Book Liber 558 of Deeds at Page 1088; and,

- Ralph W. Chittenden to Ralph W. Chittenden and Mary C. Chittenden by deed dated October 10, 1997 and recorded in the Columbia County Clerk's Office on October 10, 1997, in Cartridge 300 Frame 755;

and being more particularly described in Appendix "A," attached to this notice and made a part hereof, and hereinafter referred to as "the Property" is the subject of a remedial program performed by the Department; and

WHEREAS, the Department approved a cleanup to address contamination disposed at the Property and such cleanup was conditioned upon certain limitations.

NOW, THEREFORE, the Department provides notice that:

FIRST, the Property subject to this Environmental Notice is as shown on a map attached to this Notice as Appendix "B" and made a part hereof.

SECOND, unless prior written approval by the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency," is first obtained, where contamination remains at the Property subject to the provisions of the Site Management Plan ("SMP"), there shall be no disturbance or excavation of the Property which threatens the integrity of the engineering controls or which results or may result in a significantly increased threat of harm or damage at any site as a result of exposure to soils. A violation of this provision is a violation of 6 NYCRR 375-1.1 1(b)(2).

THIRD, no person shall disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls required for the Remedy, including but not limited to those engineering controls described in the SMP and listed below, unless in each instance they first obtain a written waiver of such prohibition from the Department or Relevant Agency.

FOURTH, the remedy was designed to be protective for the following uses: Commercial or Industrial. Therefore, any use for purposes other than for commercial or industrial use without the express written waiver of such prohibition by the Relevant Agency may result in a significantly increased threat of harm or damage at any site. No person shall use the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency. Use of the groundwater without appropriate treatment may result in a significantly increased threat of harm or damage at any site.

FIFTH, it is a violation of 6 NYCRR 375-1.11(b) to use the Property in a manner inconsistent with this environmental notice.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

By: _____
Dale A. Desnoyers, Director
Division of Remediation

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the day of the 20th, in the year 2011, before me, the undersigned, personally appeared Dale A. Desnoyers, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental conservation, and that by his/her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public – State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2014

Appendix A

Former Bouchard Junkyard
Site No.: 411014
US Route 20
County of Columbia
Tax Map: 19.01-1-88.1

METES AND BOUNDS DESCRIPTION

All that piece or parcel of land situated in the Town of New Lebanon, County of Columbia, State of New York, being a portion of Tax Map Number 19.01, Block 1, last dated March 1976 and being within the right-of-way of an existing state highway known as US Highway 20, New Lebanon – Brainard State Highway No. 615 and locally as the Columbia Pike also more particularly described as follows:

BEGINNING at a point on the northerly highway boundary of US Highway 20 an existing state route, said point being 33.00 feet distant northerly, measured at right angles from Station R76+94 of the 1944 New York State Department of Transportation (NYSDOT) Centerline for the improvement of New Lebanon – Brainard State Highway No. 615; thence S77° 48' 04" E along the said northerly highway boundary a distance of 684.52 feet to a point of curvature, said point being 33.00 feet distant northerly, measured at right angles from PT Station R70+09.48 of said centerline; thence continuing easterly along the last mentioned boundary on a curve to the left having a radius of 3,786.72 feet a distance of 84.62 feet to a point, said point being distant radialy from Station R69+24.10 of said centerline; thence S10° 55' 07" W through the bed of the said highway 66.00 feet more or less to a point on the southerly highway boundary, said point being 33.00 feet distant southerly measured radialy from station R69+24.10 of the said centerline; thence westerly along the said southerly boundary on a curve to the right having a radius of 3,852.72 feet a distance of 86.10 feet to a point of tangency, said point being 33.00 feet distant southerly measured at right angles from Station R70+09.48 of said centerline; thence N77° 48' 04" W continuing along the said southerly highway boundary a distance of 684.52 feet to a point , said point being 33.00 feet distant southerly measured at right angles form station R76+94 from the said centerline; thence N12° 11' 56" E through the bed of US Highway 20 66.00 feet more or less to the point of beginning, being 50,812 ± square feet or 1.167 acres more or less.

Appendix B

GRID NORTH

SCALE: 1" = 30' (9m)

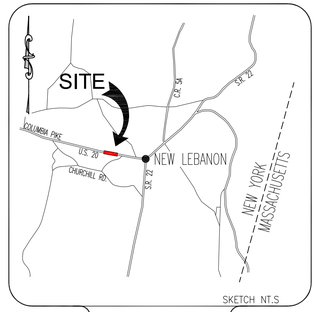
30 (9m) 0 (0m) 30 (9m) 60 (18m)

BOUNDARY REFERENCES

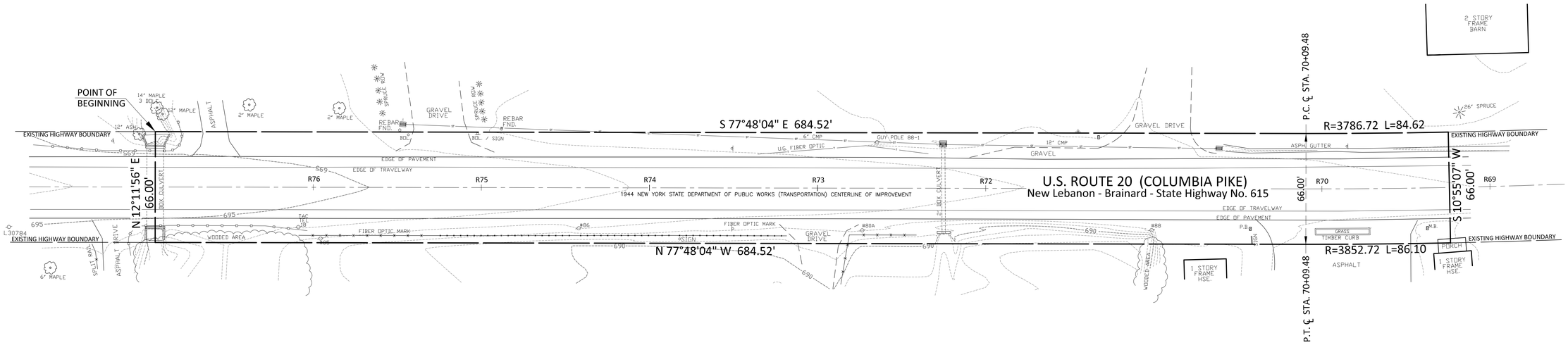
1. NEW YORK STATE DEPTARTMENT OF PUBLIC WORKS HIGHWAY ACQUISTION MAPS DATED FEBRUARY 1941.

SURVEY NOTES

1. BEARINGS ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (CORS) - NEW YORK STATE PLANE COORDINATE SYSTEM, EAST ZONE
2. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. MAPPING UNITS ARE U.S. SURVEY FEET.
4. THE CONTOUR INTERVAL IS 1 FOOT.
5. UTILITIES SHOWN HEREON ARE BASED ON VISIBLE EVIDENCE. THE UNDERGROUND POSITION OF ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE.



VICINITY MAP



AREA OF ENVIRONMENTAL NOTICE

All that piece or parcel of land situate in the Town of New Lebanon, County of Columbia, State of New York, being a portion of Tax Map Number 19.01, Block 1, last dated March 1976 and being within the right-of-way of an existing state highway known as U.S. Highway 20, New Lebanon - Brainard State Highway No. 615 and locally as the Columbia Pike also more particularly described as follows:

BEGINNING at a point on the northerly highway boundary of US Highway 20 an existing state route, said point being 33.00 feet distant northerly, measured at right angles from Station R76+94 of the 1944 New York State Department of Transportation (NYSDOT) Centerline for the improvement of New Lebanon - Brainard State Highway No. 615; thence S 77°48'04"E along the said northerly highway boundary a distance of 684.52 feet to a point of curvature, said point being 33.00 feet distant northerly, measured at right angles from PT Station R70+09.48 of said centerline; thence continuing easterly along the last mentioned boundary on a curve to the left having a radius of 3,786.72 feet a distance of 84.62 feet to a point, said point being distant radialy from Station R69+24.10 of said centerline; thence S10°55'07"W through the bed of the said highway 66.00 feet more or less to a point on the southerly highway boundary, said point being 33.00 feet distant southerly measured radialy from station R69+24.10 of the said centerline; thence westerly along the said southerly boundary on a curve to the right having a radius of 3,852.72 feet a distance of 86.10 feet to a point of tangency, said point being 33.00 feet distant southerly measured at right angles from Station R70+09.48 of said centerline; thence N77°48'04"W continuing along the said southerly highway boundary a distance of 684.52 feet to a point, said point being 33.00 feet distant southerly measured at right angles from station R76+94 from the said centerline; thence N12°11'56"E through the bed of US Highway 20 66.00 feet more or less to the point of beginning, being 50,812± square feet or 1.167 acres more or less.

Intending to describe a strip of land inclusive of the right-of-way of US Route 20 as shown on the attached map.

All bearings are referenced to the North American Datum of 1983 (NAD83) New York State Plane Coordinate System, East Zone.

SURVEYOR'S CERTIFICATION

WE, POPLI, ARCHITECTURE + ENGINEERING & L.S., P.C., HEREBY CERTIFY TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION THAT THIS SURVEY AND MAP WAS PREPARED UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR AND FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED AUGUST 23, 2011 AND THE REFERENCES LISTED HEREON. THIS SURVEY IS SUBJECT TO ANY EASEMENTS AND/OR ENCUMBRANCES THAT MAY EXIST.

STATE OF NEW YORK
MICHAEL ANTHONY VENTURO
50079
LICENSED LAND SURVEYOR

10/5/2011

MICHAEL A. VENTURO, LS 50079
FOR: POPLI DESIGN GROUP
555 Penbrooke Drive
Penfield, NY 14526
Phone: 585-388-2060

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

LEGEND

- CATCH BASIN
- STREET SIGN
- UTILITY POLE
- M.B. MAIL BOX
- P.B. PAPER BOX
- ST STORM DRAIN LINE ST
- UNDERGROUND TELE / COMMUNICATIONS

SURVEY BY:
POPLI DESIGN GROUP
ARCHITECTURE & ENGINEERING
555 Penbrooke Drive
Penfield NY 14526

PREPARED FOR:
DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
5879 Fisher Road
East Syracuse, NY 13057
Phone: (315) 437-1142

SURVEYOR JOB NUMBER:	SU4040.02
SURVEY CREW	J. PHILLIPS W. STRATTON
DRAWN BY:	J. PHILLIPS
CHECKED BY:	M. VENTURO

REVISIONS

FORMER
BOUCHARD JUNKYARD SITE
NYSDEC SITE NO. 4-11-014

ENVIRONMENTAL NOTICE PARCEL

Town of New Lebanon, County of Columbia, State of New York

SCALE: 1" = 30'

DATE: OCTOBER 5, 2011

Appendix C

APPENDIX C

DAILY FIELD ACTIVITY REPORTS

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

DATE: Thursday 6/23/2011
REPORT NO. 110623
PAGE NO. 1 OF 2
PROJECT NO. 3153
LOGBOOK NO. 10 PAGES 085-091

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Bouchard Junkyard
LOCATION	**Town of New Lebanon, NY**
ATTACHMENTS	Photo Log, Photos

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
mostly cloudy	0730 AM	62 °F	Lt. Rain	Calm	NA
mostly cloudy	1300 PM	65 °F	Rain	5-10	East

SITE CONDITIONS: Mostly Cloudy, Rain; Site grounds wet

WORK GOAL FOR DAY: Perform Site Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Jim Magda	D&B Engineering	0730	1300
Jack Kuhn	D&B Engineering	0730	1300

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: None

H & S NOTES: Site work was performed in Level D PPE.

Dvirka and Bartilucci CONSULTING ENGINEERS A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.		DATE: 6/23/2011
		REPORT NO. 110623
		PAGE NO. 2 OF 2
		PROJECT NO. 3153

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

D&B Engineering arrived on-site to inspect the site grounds, including the restored wetland area, at the former Bouchard Junkyard site. During the inspection, D&B documented observations of the remediated areas, monitoring wells, access roads and vegetation planted after remedial excavation activities were performed.

The former Bouchard Junkyard site appears to be in good condition. Vegetative cover at the site is well established and appears to be healthy with no visual signs of stress. No visual evidence of erosion or settling was observed at the site, however, observations were limited due to the extent of vegetation currently existing at the site.

Despite the occurance of several heavy rainfall events recently, there were only a few small areas of standing water at various areas of the site.

Access roads around the site are generally in good condition. Some low spots or minor rutting were evident at various areas along the roads but nothing significant.

All groundwater monitoring wells at the site are in good condition. No damage to the outer well casings was observed. All of the well covers were in place and secured with locks, except monitoring well MW-1(north end of site) and WSW-4. The well cover at MW-1 was broken, however, a lock was in place on the inner well cap.

Remediated areas adjacent the Theater Barn, former Clark Engineering building, Racine residence and Chuck's Automotive Shop were in good condition. The trees planted after remedial excavation activities were completed at the former Clark Engineering building and Chuck's Automotive Shop appeared healthy and in good condition.

Vegetation within the remediated wetland area is well established. A wetland inspection was also performed by D&B to document conditions within the wetland, but details of the inspection will be provided in a separate report.

After the site inspection was completed, D&B departed from the site.

Concerns: No concerns were observed.

Future Work: Wetland growing season inspection.

PREPARED BY (OBSERVER)	**REVIEWED BY**
PRINT NAME: Jack Kuhn	PRINT NAME: James Magda
SIGNATURE:	SIGNATURE:
☒ **ADDITIONAL SHEETS USED**	
☒ emailed draft / final to NYSDEC – date:	☐ hardcopy to NYSDEC – date:

PHOTOGRAPHIC LOG
June 23, 2011
D&B JOB NO. 3153
FORMER BOUCHARD JUNKYARD SITE
TOWN OF NEW LEBANON, NEW YORK

PHOTO	DATE	TIME	DESCRIPTION
P6 230001	6/23/2011	9:41	View to southeast showing wetland area (from MW-4)
P6 230002	6/23/2011	9:42	View to northeast showing wetland area (from MW-4)
P6 230003	6/23/2011	9:47	View to northeast showing wetland area (from DP-1)
P6 230004	6/23/2011	9:49	View to southeast showing wetland area (from DP-1)
P6 230005	6/23/2011	10:13	View to west showing wetland area (from northeast corner of wetland)
P6 230006	6/23/2011	10:28	View to south showing wetland area (from DP-4)
P6 230007	6/23/2011	10:30	View to southeast showing wetland area (from DP-4)
P6 230008	6/23/2011	10:42	View to southeast showing rip-rap area entering wetland
P6 230009	6/23/2011	10:48	View to east showing wetland area from western boundary (approx. 50' north of MW-4)
P6 230010	6/23/2011	10:52	View to east showing wetland area from western boundary (approx. 100' north of MW-4)
P6 230011	6/23/2011	10:56	View to north showing wetland area from southwest boundary
P6 230012	6/23/2011	11:02	View to north showing wetland area (from gravel parking area behind Theater Barn)
P6 230013	6/23/2011	11:13	View to north showing east side of former Bouchard Junkyard (from behind Theater Barn)
P6 230014	6/23/2011	11:15	View of groundwater monitoring well MW-4
P6 230015	6/23/2011	11:16	View to northwest showing former Bouchard Junkyard (from MW-4)
P6 230016	6/23/2011	11:18	View to northwest showing trees behind Theater Barn and former Clark Engineering building
P6 230017	6/23/2011	11:19	View to southwest showing former Bouchard Junkyard (from northwest corner of Theater Barn)
P6 230018	6/23/2011	11:21	View to northwest showing access road behind former Clark Engineering building
P6 230019	6/23/2011	11:23	View to south showing southeast corner of former Bouchard Junkyard
P6 230020	6/23/2011	11:38	View to west showing south side of former Bouchard Junkyard (from MW-6R)
P6 230021	6/23/2011	11:40	View to north showing south side of building 666
P6 230022	6/23/2011	11:43	View to east showing south side of former Bouchard Junkyard (from entrance to Chuck's Automotive)
P6 230023	6/23/2011	11:44	View to north showing access road to Chuck's Automotive shop

PHOTOGRAPHIC LOG
June 23, 2011
D&B JOB NO. 3153
FORMER BOUCHARD JUNKYARD SITE
TOWN OF NEW LEBANON, NEW YORK

PHOTO	DATE	TIME	DESCRIPTION
P6 230024	6/23/2011	11:45	View to northwest showing 688 residence along Rt. 20
P6 230025	6/23/2011	11:46	View to north showing southwest corner of former Bouchard Junkyard
P6 230026	6/23/2011	11:48	View to north showing south side of 688 residence along Rt. 20
P6 230027	6/23/2011	11:50	View to northwest showing orchard area at Chuck's Automotive property
P6 230028	6/23/2011	11:52	View to west showing Chuck's Automotive property
P6 230029	6/23/2011	11:53	View to southwest showing remediated area along east side of Chuck's Automotive property
P6 230030	6/23/2011	11:54	View to south showing access road to Chuck's Automotive shop
P6 230031	6/23/2011	11:56	View to southeast showing remediated area along west side of Chuck's Automotive property
P6 230032	6/23/2011	11:57	View to east showing driveway along north side of Chuck's Automotive property
P6 230033	6/23/2011	11:57	View to northwest showing former water source area (northwest of Chuck's Automotive shop)
P6 230034	6/23/2011	11:59	View to northeast showing trees at northeast corner of Chuck's Automotive property
P6 230035	6/23/2011	12:02	View to north showing west side of former Bouchard Junkyard
P6 230036	6/23/2011	12:03	View to south showing former scale house/field trailer staging area (from MW-2R)
P6 230037	6/23/2011	12:07	View to east showing southeast corner of former Bouchard Junkyard (MW-2R in foreground)
P6 230038	6/23/2011	12:08	View to west showing former WWTP/decon pad area
P6 230039	6/23/2011	12:14	View to south showing north side of former Bouchard Junkyard (from MW-1)
P6 230040	6/23/2011	12:15	View of groundwater monitoring well MW-1
P6 230041	6/23/2011	12:15	View to west showing remediated area along south side of Petell residence
P6 230042	6/23/2011	12:20	View to southwest showing former Bouchard Junkyard (from northeast corner of site)
P6 230043	6/23/2011	12:21	View to southeast showing former Bouchard Junkyard (from northeast corner of site)

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P6230042.JPG

P6230043.JPG

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

DATE: Friday 9/16/2011
REPORT NO. 110916
PAGE NO. 1 OF 2
PROJECT NO. 3153
LOGBOOK NO. 10 PAGES 092-095

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Bouchard Junkyard
LOCATION	**Town of New Lebanon, NY**
ATTACHMENTS	Photo Log, Photos

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
mostly sunny	0930 AM	63 °F	None	5-10	West
mostly sunny	1305 PM	63 °F	None	5-10	West

SITE CONDITIONS: Mostly Sunny, No Precipitation; Site grounds dry

WORK GOAL FOR DAY: Perform Wetland Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Jack Kuhn	D&B Engineering	0930	1305

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: None

H & S NOTES: Site work was performed in Level D PPE.

Dvirka and Bartilucci CONSULTING ENGINEERS A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.		**DATE: 9/16/2011**
		REPORT NO. 110916
		PAGE NO. 2 OF 2
		PROJECT NO. 3153

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

D&B Engineering arrived on-site to inspect the restored wetland area at the former Bouchard Junkyard site. During the inspection, D&B documented observations of the remediated area, including a listing of dominant plant species and an assessment of invasive species within the wetland area.

Vegetation within the remediated wetland area is well established and appears in good condition. The dominant plant specie within the wetland is cattail. The entire wetland area is inundated with water. Survivability of plantings installed within the restored area is the same as previously documented during the June 2011 inspection; no additional mortality was observed.

After the site inspection was completed, D&B departed from the site.

Concerns: No concerns were observed.

Future Work: Wetland Inspection Oct./Nov. 2011

PREPARED BY (OBSERVER)	**REVIEWED BY**
PRINT NAME: Jack Kuhn	PRINT NAME: James Magda
SIGNATURE:	SIGNATURE:
☒ **ADDITIONAL SHEETS USED**	
☒ emailed draft / final to NYSDEC – date:	☐ hardcopy to NYSDEC – date:

PHOTOGRAPHIC LOG
September 16, 2011
D&B JOB NO. 3153
FORMER BOUCHARD JUNKYARD SITE
TOWN OF NEW LEBANON, NEW YORK

PHOTO	DATE	TIME	DESCRIPTION
P9 160001	9/16/2011	10:15	View to southeast showing wetland area from monitoring well #4
P9 160002	9/16/2011	10:16	View to northeast showing wetland area from monitoring well #4
P9 160003	9/16/2011	10:16	View to northeast showing wetland area from data point #1
P9 160004	9/16/2011	10:17	View to southeast showing wetland area from data point #1
P9 160005	9/16/2011	11:04	View to north showing wetland area from southwest corner of wetland
P9 160006	9/16/2011	11:07	View to east showing wetland area from northwest corner of wetland
P9 160007	9/16/2011	11:10	View to east showing rip-rap area entering wetland
P9 160008	9/16/2011	11:16	View to west showing wetland area from data point #3
P9 160009	9/16/2011	11:19	View to south showing wetland area from data point #4
P9 160010	9/16/2011	11:20	View to southeast showing wetland area from data point #4
P9 160011	9/16/2011	11:23	View to north from corner of gravel parking area

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P9160010.JPG

P9160011.JPG

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

DATE: Wednesday 11/02/11
REPORT NO. 111102
PAGE NO. 1 OF 2
PROJECT NO. 3153
LOGBOOK NO. 10 PAGES 096-099

DAILY FIELD ACTIVITY REPORT

PROJECT	Former Bouchard Junkyard
LOCATION	**Town of New Lebanon, NY**
ATTACHMENTS	Photo Log, Photos

WEATHER	TIME	TEMP.	PRECIP.	WIND (MPH)	WIND (DIR)
clear	**1040 AM**	**42 °F**	**None**	**Calm**	**N/A**
clear	**1300 PM**	**50 °F**	**None**	**Calm**	**N/A**

SITE CONDITIONS: Clear and Sunny, No Precipitation; Scattered patches of snow

WORK GOAL FOR DAY: Wetland Inspection

PERSONNEL ON SITE:

NAME	AFFILIATION	ARRIVAL TIME	DEPART TIME
Jack Kuhn	D&B Engineering	1040	1300

EQUIPMENT ON SITE:

TYPE	MODEL	TYPE	MODEL

HEALTH & SAFETY:

PPE REQUIRED: ☒ LEVEL D ☐ LEVEL C ☐ LEVEL B ☐ LEVEL A **HASP?** YES

SITE SAFETY OFFICER: None

H & S NOTES: Site work was performed in Level D PPE.

Dvirka and Bartilucci CONSULTING ENGINEERS A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.		**DATE: 11/02/11**
		REPORT NO. 111102
		PAGE NO. 2 OF 2
		PROJECT NO. 3153

DAILY FIELD ACTIVITY REPORT

DESCRIPTION OF WORK PERFORMED AND OBSERVED

D&B Engineering arrived on-site to inspect the restored wetland area at the former Bouchard Junkyard site. During the inspection, D&B documented observations of the remediated area, including a listing of dominant plant species and an assessment of invasive species within the wetland area.

Vegetation within the remediated wetland area continues to be well established and appears in good condition. The dominant plant specie within the wetland is cattail. The entire wetland area is inundated with water, however, recent work to clear debris and improve drainage along Rt. 20 has lowered the water level within the wetland by several feet. Survivability of plantings installed within the restored area is the same as previously documented during the September 2011 inspection; no additional mortality was observed.

After the site inspection was completed, D&B departed from the site.

Concerns: No concerns were observed.

Future Work: No work schedule at this time.

PREPARED BY (OBSERVER)	**REVIEWED BY**
PRINT NAME: Jack Kuhn	PRINT NAME: James Magda
SIGNATURE:	SIGNATURE:
☒ **ADDITIONAL SHEETS USED**	
☒ emailed draft / final to NYSDEC – date:	☐ hardcopy to NYSDEC – date:

PHOTOGRAPHIC LOG
November 2, 2011
D&B JOB NO. 3153
FORMER BOUCHARD JUNKYARD SITE
TOWN OF NEW LEBANON, NEW YORK

PHOTO	DATE	TIME	DESCRIPTION
PB 20001	11/2/2011	11:00	View to southeast showing wetland area from monitoring well #4
PB 20002	11/2/2011	11:04	View to northeast showing wetland area from monitoring well #4
PB 20003	11/2/2011	11:05	View to northeast showing wetland area from data point #1
PB 20004	11/2/2011	11:07	View to southeast showing wetland area from data point #1
PB 20005	11/2/2011	11:28	View to north showing wetland area from southwest corner of wetland
PB 20006	11/2/2011	11:30	View to southeast showing wetland area from northwest corner of wetland
PB 20007	11/2/2011	11:30	View to east showing rip-rap area entering wetland
PB 20008	11/2/2011	11:54	View to west showing wetland area from data point #3
PB 20009	11/2/2011	12:00	View to south showing wetland area from data point #4
PB 20010	11/2/2011	12:01	View to southeast showing wetland area from data point #4
PB 20011	11/2/2011	12:04	View to north from corner of gravel parking area
PB 20012	11/2/2011	12:07	View to north showing wetland area from south side of wetland

PB020001.JPG

PB020002.JPG

PB020003.JPG

PB020004.JPG

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PB020006.JPG

PB020007.JPG

PB020008.JPG

PB020009.JPG

PB020010.JPG

PB020011.JPG

PB020012.JPG

Appendix D

APPENDIX D

USACE ROUTINE WETLAND DETERMINATION DATA FORMS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard	Date: 6/23/11
Applicant/Owner: NYS DEC	County: Columbia
Investigator: DTB	State: NY
Do Normal Circumstances Exist on the site? (Yes) No	Community ID :
Is the site significantly disturbed (Atypical Situation)? Yes (No)	Transect ID:
Is the area a potential Problem Area? Yes (No)	Plot ID: DP1
(If needed, explain on reverse.)	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Winterberry Holly	shrub	FACW	12.		
5. Highbush Blueberry	shrub	FACW	13.		
6. Elderberry	shrub	FACW	14.		
7. Red Maple	tree	FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >50%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
X Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR3/1	–	–	ORGANIC silt
4-12	B	10YR3/3	10YR4/2	Common	silt/clay

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: - VERY WELL ESTABLISHED HERBACEOUS VEGETATIVE STRATUM

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard	Date: 9/16/11
Applicant/Owner: NYSDEC	County: Columbia
Investigator: DAB	State: NY
Do Normal Circumstances Exist on the site? (Yes) No	Community ID :
Is the site significantly disturbed (Atypical Situation)? Yes (No)	Transect ID:
Is the area a potential Problem Area? Yes (No)	Plot ID: DP1
(If needed, explain on reverse.)	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Highbush Blueberry	shrub	FACW	12.		
5. Elderberry	shrub	FACW	13.		
6. Red Osier Dogwood	shrub	FACW	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ____ Stream, Lake, or Tide Gauge
- ____ Aerial Photographs
- ____ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~6 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:

Primary Indicators:
- X Inundated
- ____ Saturated in Upper 12 Inches
- X Water Marks
- ____ Drift Lines
- ____ Sediment Deposits
- ____ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- X Oxidized Root Channels in Upper 12"
- X Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 3/1	—	—	Organic silt
4-12	B	10YR 3/3	10YR 4/2	common	silt/clay

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: - Very well established herbaceous vegetative stratum

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: FORMER Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: D&B	Date: 11/2/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Speckled Alder	shrub	FACW	10.		
3. Highbush Blueberry	shrub	FACW	11.		
4. Elderberry	shrub	FACW	12.		
5. Red Osier Dogwood	shrub	FACW	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). > 75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~6 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
___ Saturated in Upper 12 Inches
X Water Marks
___ Drift Lines
___ Sediment Deposits
___ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
___ Local Soil Survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____

Drainage Class: _____

Taxonomy (Subgroup): _____

Field Observations
Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 3/1	—	—	Organic silt
4-12	B	10YR 3/3	10YR 4/2	Common	silt/clay

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- X High Organic Content in Surface Layer Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Very well established herbaceous vegetative stratum

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: DEB	Date: 6/23/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Red Maple	Tree	FAC	12.		
5. Sugar Maple	Tree	FACU	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >50%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____

Drainage Class: _____

Taxonomy (Subgroup): _____

Field Observations
Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 3/1	—	—	Organic silt
4-12	B	10YR 3/3	10YR 4/2	Common	Sandy silt

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

Is this Sampling Point Within a Wetland? (Yes) No (Circle)

Remarks: Very well established herbaceous vegetative stratum

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: FORMER Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: DAB	Date: 9/16/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Red Maple	tree	FAC	12.		
5. Sugar Maple	tree	FACU	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). > 75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): ____ Stream, Lake, or Tide Gauge ____ Aerial Photographs ____ Other ___ No Recorded Data Available	Wetland hydrology Indicators: Primary Indicators: X Inundated ___ Saturated in Upper 12 Inches X Water Marks ____ Drift Lines ____ Sediment Deposits ____ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): X Oxidized Root Channels in Upper 12" X Water-Stained Leaves ____ Local Soil Survey Data ____ FAC-Neutral Test ____ Other (Explain in Remarks)
Field Observations: Depth of Surface Water: ~12 (in.) Depth to Free Water in Pit: — (in.) Depth to Saturated Soil: — (in.)	
Remarks:	

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 3/1	—	—	Organic silt
4-12	B	10YR 3/3	10YR 4/2	Common	Sandy silt

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Very well established herbaceous vegetative cover

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: DAB	Date: 11/2/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Speckled Alder	shrub	FACW	10.		
3. Red Maple	tree	FAC	11.		
4. Sugar Maple	tree	FACU	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). > 75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:
Depth of Surface Water: ~12 (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____

Drainage Class: _____

Taxonomy (Subgroup): _____

Field Observations
Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 3/1	—	—	Organic silt
4-12	B	10YR 3/3	10YR 4/2	Common	Sandy silt

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: VERY WELL ESTABLISHED HERBACEOUS COVER

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYS DEC Investigator: DTB	Date: 6/23/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : Transect ID: Plot ID: DP3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9. Sugar Maple	tree	FACU
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Winterberry Holly	shrub	FACW	12.		
5. Elderberry	shrub	FACW	13.		
6. Red Osier Dogwood	shrub	FACW	14.		
7. White Pine	tree	FACU	15.		
8. Eastern Hemlock	tree	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >50%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ____ Stream, Lake, or Tide Gauge
- ____ Aerial Photographs
- ____ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~24 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:

Primary Indicators:
- X Inundated
- ____ Saturated in Upper 12 Inches
- X Water Marks
- ____ Drift Lines
- ____ Sediment Deposits
- ____ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- X Oxidized Root Channels in Upper 12"
- X Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/1	—	—	ORGANIC SILT
6-12	B	10YR 4/1	10YR 4/3	COMMON	SILT/CLAY

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Good HERBACEOUS COVERAGE

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: D+B	Date: 9/16/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Red Osier Dogwood	shrub	FACW	12.		
5. White Pine	tree	FACU	13.		
6. Elderberry	shrub	FACW	14.		
7. Eastern Hemlock	tree	FACU	15.		
8. Sugar Maple	tree	FACU	16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). > 75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ____ Stream, Lake, or Tide Gauge
- ____ Aerial Photographs
- ____ Other

___ No Recorded Data Available

Field Observations:
- Depth of Surface Water: ~24 (in.)
- Depth to Free Water in Pit: — (in.)
- Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
- X Inundated
- ____ Saturated in Upper 12 Inches
- X Water Marks
- ____ Drift Lines
- ____ Sediment Deposits
- ____ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- X Oxidized Root Channels in Upper 12"
- X Water-Stained Leaves
- ____ Local Soil Survey Data
- ____ FAC-Neutral Test
- ____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____

Drainage Class: _____

Field Observations
Confirm Mapped Type? Yes No

Taxonomy (Subgroup): _____

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/2	-	-	Organic silt
6-12	B	10YR 4/1	10YR 4/3	Common	Silt/clay

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- X High Organic Content in Surface Layer Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Good herbaceous coverage

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: D+B	Date: 11/2/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Speckled Alder	shrub	FACW	10.		
3. Red Osier Dogwood	shrub	FACW	11.		
4. Elderberry	shrub	FACW	12.		
5. White Pine	tree	FACU	13.		
6. Eastern Hemlock	tree	FACU	14.		
7. Sugar Maple	tree	FACU	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). > 75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)

Depth to Free Water in Pit: – (in.)

Depth to Saturated Soil: – (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____

Drainage Class: _____

Taxonomy (Subgroup): _____

Field Observations
Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/2	-	-	Organic silt
6-12	B	10YR 4/1	10YR 4/3	Common	Silt/clay

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- X High Organic Content in Surface Layer Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Good herbaceous coverage

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: DtB	Date: 6/23/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Elderberry	shrub	FACW	12.		
5. Red Osier Dogwood	shrub	FACW	13.		
6. Red Maple	tree	FAC	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >50%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 2/2	—	—	Organic silt
4-12	B	10YR 3/2	10YR 3/4	common	Silt/clay

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

Is this Sampling Point Within a Wetland? (Yes) No (Circle)

Remarks: - Very well established herbaceous stratum

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: FORMER Bouchard Junkyard Applicant/Owner: NYSDEC Investigator: D+B	Date: 9/16/11 County: Columbia State: NY
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : _____ Transect ID: _____ Plot ID: DP4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Grasses	herb	FACW	10.		
3. Speckled Alder	shrub	FACW	11.		
4. Elderberry	shrub	FACW	12.		
5. Red Osier Dogwood	shrub	FACW	13.		
6. Red Maple	tree	FAC	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 2/2	—	—	Organic silt
4-12	B	10YR 3/2	10YR 3/3	Common	silt/clay

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
X Gleyed or Low-Chroma Colors
___ Concretions
X High Organic Content in Surface Layer Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Very well established herbaceous coverage

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: Former Bouchard Junkyard Applicant/Owner: NYS DEC Investigator: DTB	Date: 11/2/11 County: Columbia State:
Do Normal Circumstances Exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID : Transect ID: Plot ID: DP4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cattail	herb	FACW	9.		
2. Speckled Alder	shrub	FACW	10.		
3. Elderberry	shrub	FACW	11.		
4. Red Osier Dogwood	shrub	FACW	12.		
5. Red Maple	tree	FAC	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). >75%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
____ Stream, Lake, or Tide Gauge
____ Aerial Photographs
____ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water: ~12 (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

Wetland hydrology Indicators:
Primary Indicators:
X Inundated
____ Saturated in Upper 12 Inches
X Water Marks
____ Drift Lines
____ Sediment Deposits
____ Drainage Patterns in Wetlands
Secondary Indicators (2 or more required):
X Oxidized Root Channels in Upper 12"
X Water-Stained Leaves
____ Local Soil Survey Data
____ FAC-Neutral Test
____ Other (Explain in Remarks)

Remarks:

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: _____

Field Observations

Taxonomy (Subgroup): _____ Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR 2/2	—	—	Organic silt
4-12	B	10YR 3/1	10YR 3/3	Common	Silt/clay

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- X High Organic Content in Surface Layer Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? (Yes) No (Circle)
Wetland Hydrology Present? (Yes) No
Hydric Soils Present? (Yes) No

(Circle)
Is this Sampling Point Within a Wetland? (Yes) No

Remarks: Very well established herbaceous coverage

Appendix E

APPENDIX E

GROUNDWATER ELEVATION DATA

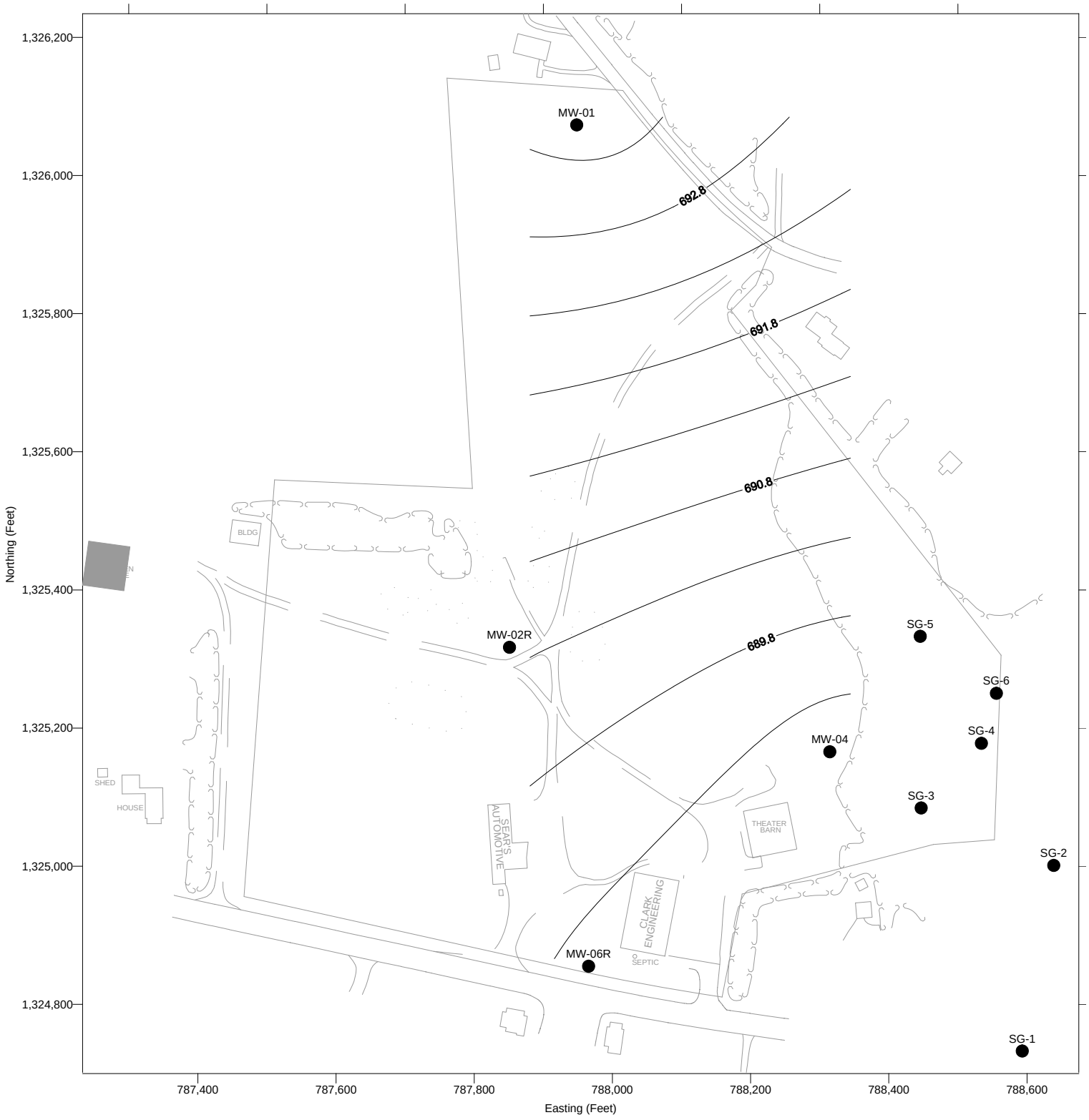
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER LEVEL MEASUREMENT SUMMARY

WELL	GROUND ELEVATION (ft MSL)	REFERENCE ELEVATION (ft MSL)	DATE											
			11/16/2001		11/26/2001		11/27/2001		5/23/2002		5/24/2002		3/31/2005	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
MW-1	707.79	709.90	22.45	687.45	22.60	687.30	22.64	687.26	16.36	693.54	16.26	693.64	10.72	699.18
MW-2	694.73	697.11	11.00	686.11	10.97	686.14	10.97	686.14	6.72	690.39	6.74	690.37	6.42	690.69
MW-3	696.25	698.39	12.92	685.47	12.96	685.43	12.98	685.41	7.50	690.89	7.51	690.88	5.96	692.43
MW-4	690.63	692.96	5.86	687.10	5.77	687.19	5.79	687.17	4.09	688.87	4.12	688.84	3.17	689.79
MW-5	691.93	694.08	8.84	685.24	8.81	685.27	8.80	685.28	4.55	689.53	4.59	689.49	3.40	690.68
MW-6	692.02	694.46	8.34	686.12	8.25	686.21	8.25	686.21	5.34	689.12	5.36	689.10	4.50	689.96

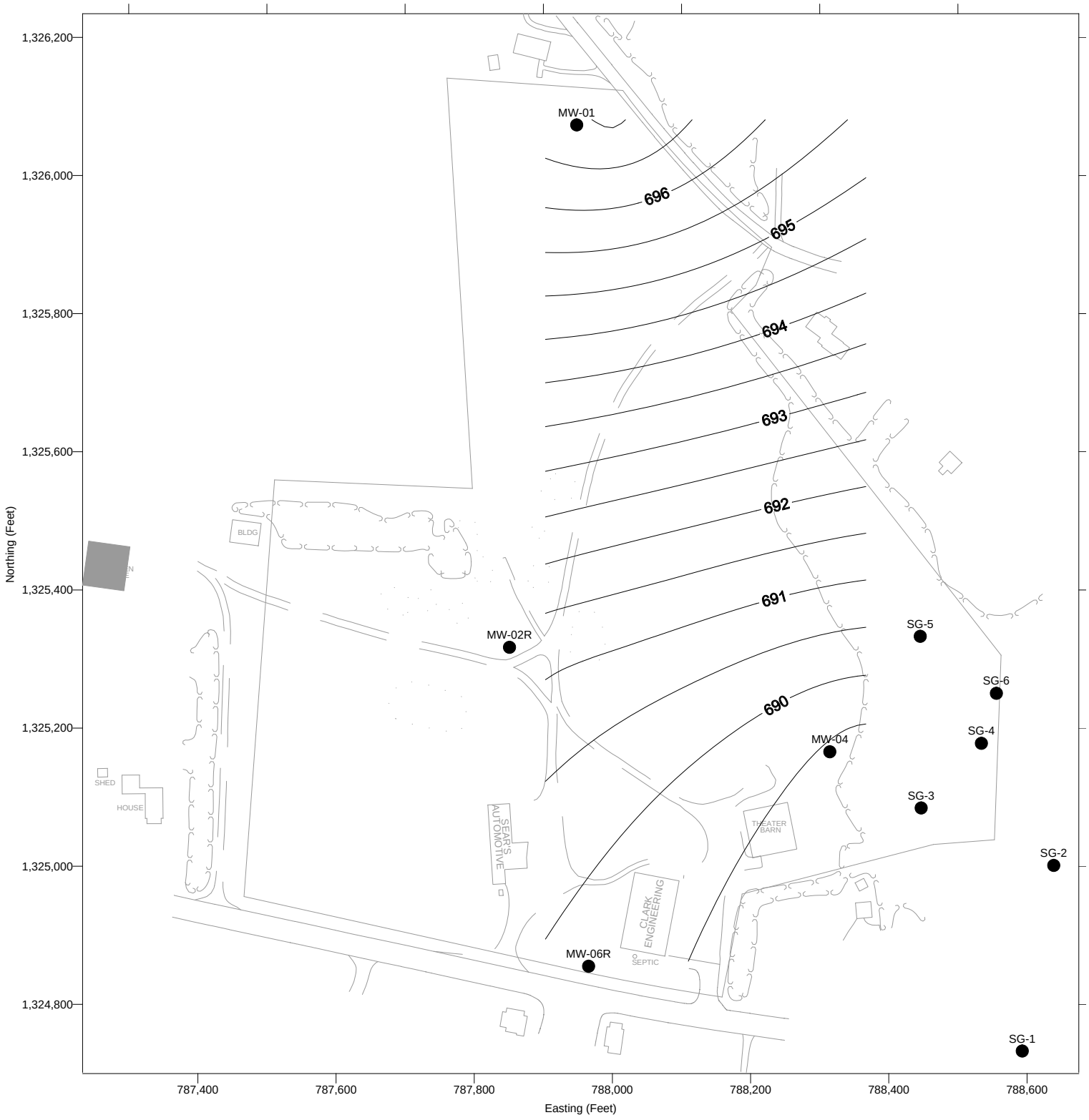
WELL	GROUND ELEVATION (ft MSL)	REFERENCE ELEVATION (ft MSL)	DATE			
			6/22/2011		12/21/2011	
			DTW	ELEV	DTW	ELEV
MW-1	707.79	709.90	16.31	693.59	12.80	697.10
MW-2R	694.73	696.73	6.35	690.38	5.51	691.22
MW-4	690.63	692.96	3.98	688.98	3.69	689.27
MW-6R	692.02	694.02	4.86	689.16	4.33	689.69

NOTES:
ft MSL - feet above mean sea level.
DTW - depth to water in feet relative to top of well casing.
ELEV - groundwater elevation in feet above mean sea level.

FORMER BOUCHARD JUNKYARD SITE
WATER TABLE SURFACE ELEVATION
JUNE 22, 2011



FORMER BOUCHARD JUNKYARD SITE
WATER TABLE SURFACE ELEVATION
DECEMBER 21, 2011



Appendix F

APPENDIX F

FIELD FORMS

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. MW-1

Field Sample I.D. Number MW-1-110623 **Time** 1400

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 16.31 **Measurement Method** Interface probe

Depth of Well 27.61 **Measurement Method** Interface probe

Volume Removed 6 gal. **Removal Method** Bailer

Field Test Results

pH	6.54	Spec Cond (mS/cm)	0.141	Turbidity (NTUs)	391
Diss. Oxygen (mg/l)	12.34	Temperature °C	11.54	Salinity (%)	0.01
PID (ppm)	NM	Color	Gray	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 6/23/11; turbidity high after purging

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. MW-2R

Field Sample I.D. Number MW-2R-110623 **Time** 1300

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 6.35 **Measurement Method** Interface probe

Depth of Well 16.53 **Measurement Method** Interface probe

Volume Removed 5 gal. **Removal Method** Bailer

Field Test Results

pH	7.84	Spec Cond (mS/cm)	0.232	Turbidity (NTUs)	800
Diss. Oxygen (mg/l)	6.95	Temperature °C	15.54	Salinity (%)	0.01
PID (ppm)	NM	Color	Light Brown	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 6/23/11; turbidity high after purging

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. MW-4

Field Sample I.D. Number MW-4-110623 **Time** 1320

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 3.98 **Measurement Method** Interface probe

Depth of Well 12.31 **Measurement Method** Interface probe

Volume Removed 4 gal. **Removal Method** Bailer

Field Test Results

pH	6.22	Spec Cond (mS/cm)	0.242	Turbidity (NTUs)	242
Diss. Oxygen (mg/l)	6.92	Temperature °C	11.43	Salinity (%)	0.01
PID (ppm)	NM	Color	Brown	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 6/23/11; turbidity high after purging

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. MW-6R

Field Sample I.D. Number MW-6R-110623 **Time** 1300

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.86 **Measurement Method** Interface probe

Depth of Well 17.15 **Measurement Method** Interface probe

Volume Removed 6 gal. **Removal Method** Bailer

Field Test Results

pH	6.53	Spec Cond (mS/cm)	0.355	Turbidity (NTUs)	800
Diss. Oxygen (mg/l)	12.18	Temperature °C	12.68	Salinity (%)	0.02
PID (ppm)	NM	Color	Light Brown	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 6/23/11; turbidity high after purging

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: December 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. MW-1

Field Sample I.D. Number MW-1-111222 **Time** 0945

Weather Overcast, No Precip., NW wind 5-10 mph **Temperature** 44° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 12.80' **Measurement Method** Interface probe

Depth of Well 27.61' **Measurement Method** Interface probe

Volume Removed 7.5 gal. **Removal Method** Bailer

Field Test Results

pH	6.26	Spec Cond (mS/cm)	0.108	Turbidity (NTUs)	21.2
Diss. Oxygen (mg/l)	3.79	Temperature °C	12.26	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 12/22/11

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: December 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. MW-2R

Field Sample I.D. Number MW-2R-111222 **Time** 0915

Weather Overcast, No Precip., NW wind 5-10 mph **Temperature** 44° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 5.51' **Measurement Method** Interface probe

Depth of Well 16.53' **Measurement Method** Interface probe

Volume Removed 6 gal. **Removal Method** Bailer

Field Test Results

pH	6.52	Spec Cond (mS/cm)	0.171	Turbidity (NTUs)	129
Diss. Oxygen (mg/l)	1.76	Temperature °C	8.55	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 12/22/11

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: December 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. MW-4

Field Sample I.D. Number MW-4-111222 **Time** 0835

Weather Overcast, No Precip., NW wind 5-10 mph **Temperature** 44° F

Sample Type:

Groundwater X **Sediment**

Surface Water/Stream **Air**

Soil **Other (describe, i.e. water, septage, etc.)**

Well Information (fill out for groundwater samples)

Depth to Water 3.69' **Measurement Method** Interface probe

Depth of Well 12.35' **Measurement Method** Interface probe

Volume Removed 5 gal. **Removal Method** Bailer

Field Test Results

pH	6.28	Spec Cond (mS/cm)	0.215	Turbidity (NTUs)	21.7
Diss. Oxygen (mg/l)	4.50	Temperature °C	10.34	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 12/22/11

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: December 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. MW-6R

Field Sample I.D. Number MW-6R-111222 **Time** 0815

Weather Overcast, No Precip., NW wind 5-10 mph **Temperature** 44° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.33' **Measurement Method** Interface probe

Depth of Well 17.05' **Measurement Method** Interface probe

Volume Removed 7 gal. **Removal Method** Bailer

Field Test Results

pH	6.96	Spec Cond (mS/cm)	0.316	Turbidity (NTUs)	130
Diss. Oxygen (mg/l)	1.77	Temperature °C	11.80	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer on 12/22/11

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-1

Field Sample I.D. Number WSW-1-110622 **Time** 1030

Weather Cloudy, Rain, Wind-calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** N/A

Depth of Well - **Measurement Method** N/A

Volume Removed - **Removal Method** N/A

Field Test Results

pH	6.89	Spec Cond (mS/cm)	0.268	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	1.64	Temperature °C	13.69	Salinity (%)	0.173
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected from a faucet

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-2

Field Sample I.D. Number WSW-2-110622 **Time** 1100

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.92 **Measurement Method** Interface probe

Depth of Well 85.71 **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	7.70	Spec Cond (mS/cm)	0.104	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	21.58	Temperature °C	14.82	Salinity (%)	0.067
PID (ppm)	NM	Color	Rusty Orange	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is used for drinking water

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-3

Field Sample I.D. Number WSW-3-110622 **Time** 1130

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.90 **Measurement Method** Interface probe

Depth of Well 38.13 **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	7.64	Spec Cond (mS/cm)	0.184	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	18.57	Temperature °C	16.45	Salinity (%)	0.120
PID (ppm)	NM	Color	Rusty Orange	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is used for drinking water

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-4

Field Sample I.D. Number WSW-4-110622 **Time** 1215

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 7.66 **Measurement Method** Interface probe

Depth of Well 41.40 **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	8.02	Spec Cond (mS/cm)	0.155	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	19.71	Temperature °C	14.58	Salinity (%)	0.100
PID (ppm)	NM	Color	Rusty Orange	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is potable water source; cap missing

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-5

Field Sample I.D. Number WSW-5-110622 **Time** 1015

Weather Cloudy, Rain, Wind-calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** N/A

Depth of Well - **Measurement Method** N/A

Volume Removed - **Removal Method** N/A

Field Test Results

pH	7.77	Spec Cond (mS/cm)	0.215	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	10.72	Temperature °C	13.68	Salinity (%)	0.139
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected from a faucet

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. WSW-6

Field Sample I.D. Number WSW-6-110622 **Time** 0945

Weather Cloudy, Rain, Wind-calm **Temperature** 63° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** N/A

Depth of Well - **Measurement Method** N/A

Volume Removed - **Removal Method** N/A

Field Test Results

pH	7.75	Spec Cond (mS/cm)	0.168	Turbidity (NTUs)	NM
Diss. Oxygen (mg/l)	9.02	Temperature °C	21.29	Salinity (%)	0.01
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected from a faucet

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-1 (no sample collected; see comment below)

Field Sample I.D. Number _____ **Time** _____

Weather _____ **Temperature** _____

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water _____ - _____ **Measurement Method** N/A

Depth of Well _____ - _____ **Measurement Method** N/A

Volume Removed _____ - _____ **Removal Method** N/A

Field Test Results

pH _____ Spec Cond (mS/cm) _____ Turbidity (NTUs) _____

Diss. Oxygen (mg/l) _____ Temperature °C _____ Salinity (%) _____

PID (ppm) _____ Color _____ Odor _____

Other: _____

Laboratory Analyses Requested

_____ _____ _____ _____

_____ _____ _____ _____

Remarks:

NM – Not Measured

NOTE: No sample collected at the request of the property owner

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-2

Field Sample I.D. Number WSW-2-111221 **Time** 0950

Weather Overcast, Light Rain, No wind - calm **Temperature** 43° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.34' **Measurement Method** Interface probe

Depth of Well 81.20' **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	7.97	Spec Cond (mS/cm)	0.098	Turbidity (NTUs)	5.6
Diss. Oxygen (mg/l)	0.0	Temperature °C	10.99	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is used for drinking water

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	**2" = 0.16**	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-3

Field Sample I.D. Number WSW-3-111221 **Time** 1015

Weather Overcast, Light Rain, No wind - calm **Temperature** 43° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 4.24' **Measurement Method** Interface probe

Depth of Well 38.19' **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	8.00	Spec Cond (mS/cm)	0.171	Turbidity (NTUs)	145
Diss. Oxygen (mg/l)	0.0	Temperature °C	9.91	Salinity (%)	NM
PID (ppm)	NM	Color	Orange, Turbid	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is used for drinking water

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-4

Field Sample I.D. Number WSW-4-111221 **Time** 1040

Weather Overcast, Light Rain, No wind - calm **Temperature** 43° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water 6.90' **Measurement Method** Interface probe

Depth of Well 41.50' **Measurement Method** Interface probe

Volume Removed None **Removal Method** N/A

Field Test Results

pH	7.91	Spec Cond (mS/cm)	0.131	Turbidity (NTUs)	16.1
Diss. Oxygen (mg/l)	0.0	Temperature °C	10.21	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected with a bailer; no water purged as this well is used for drinking water

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-5 (no sample collected; see comment below)

Field Sample I.D. Number _____ **Time** _____

Weather _____ **Temperature** _____

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water _____ - _____ **Measurement Method** N/A

Depth of Well _____ - _____ **Measurement Method** N/A

Volume Removed _____ - _____ **Removal Method** N/A

Field Test Results

pH _____ Spec Cond (mS/cm) _____ Turbidity (NTUs) _____

Diss. Oxygen (mg/l) _____ Temperature °C _____ Salinity (%) _____

PID (ppm) _____ Color _____ Odor _____

Other: _____

Laboratory Analyses Requested

_____ _____ _____ _____

_____ _____ _____ _____

Remarks:

NM – Not Measured

NOTE: No sample collected. No response from the property owner. Outside faucet shut off and no access to other sources.

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. WSW-6

Field Sample I.D. Number WSW-6-111221 **Time** 0930

Weather Overcast, Light Rain, No wind - calm **Temperature** 43° F

Sample Type:

Groundwater X **Sediment** _____

Surface Water/Stream _____ **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** Interface probe

Depth of Well - **Measurement Method** Interface probe

Volume Removed - **Removal Method** N/A

Field Test Results

pH	6.35	Spec Cond (mS/cm)	0.248	Turbidity (NTUs)	11.1
Diss. Oxygen (mg/l)	1.01	Temperature °C	15.18	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other: _____

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected from a faucet

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. SW-1

Field Sample I.D. Number SW-1-111221 **Time** 1115

Weather Overcast, Light Rain, No Wind - calm **Temperature** 43° F

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream X **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** -

Depth of Well - **Measurement Method** -

Volume Removed - **Removal Method** -

Field Test Results

pH	8.38	Spec Cond (mS/cm)	0.050	Turbidity (NTUs)	2.3
Diss. Oxygen (mg/l)	10.57	Temperature °C	5.33	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected from a stream

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½" =0.10	**2½" = 0.24**	**3½" = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. SW-2

Field Sample I.D. Number SW-2-111221 **Time** 1145

Weather Overcast, Light Rain, No Wind - calm **Temperature** 43° F

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream X **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** -

Depth of Well - **Measurement Method** -

Volume Removed - **Removal Method** -

Field Test Results

pH	7.53	Spec Cond (mS/cm)	0.202	Turbidity (NTUs)	4.3
Diss. Oxygen (mg/l)	5.32	Temperature °C	6.12	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected from a swamp

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½" =0.10	**2½" = 0.24**	**3½" = 0.50**	**6" = 1.46**

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Date: December 21, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Kuhn/ P. Barusich

Sample Location/Well No. SW-3

Field Sample I.D. Number SW-3-111221 **Time** 1230

Weather Overcast, Light Rain, No Wind - calm **Temperature** 43° F

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream X **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** -

Depth of Well - **Measurement Method** -

Volume Removed - **Removal Method** -

Field Test Results

pH	7.28	Spec Cond (mS/cm)	0.237	Turbidity (NTUs)	7.1
Diss. Oxygen (mg/l)	12.83	Temperature °C	6.51	Salinity (%)	NM
PID (ppm)	NM	Color	Clear	Odor	None

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	SVOCs SW 846 8270C	Metals SW 846 6010B	Mercury SW 846 7470A
Cyanide SW 846 9010B/9014	PCBs SW 846 8082	Pest SW 846 8081A	

Remarks:

NM – Not Measured

NOTE: Sample collected from a downstream location of a swamp

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½" =0.10	**2½" = 0.24**	**3½" = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. SW-2

Field Sample I.D. Number SW-2-110622 **Time** 1500

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream X **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** -

Depth of Well - **Measurement Method** -

Volume Removed - **Removal Method** -

Field Test Results

pH	6.53	Spec Cond (mS/cm)	0.232	Turbidity (NTUs)	15
Diss. Oxygen (mg/l)	4.53	Temperature °C	18.47	Salinity (%)	0.1
PID (ppm)	NM	Color	Black	Odor	Swamp

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected from a swamp

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

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Date: June 22, 2011

SAMPLE INFORMATION RECORD

Site: Bouchard Junkyard Site, New Lebanon, NY **Sample Crew:** J. Magda/ J. Kuhn

Sample Location/Well No. SW-3

Field Sample I.D. Number SW-3-110622 **Time** 1515

Weather Cloudy, Rain, Wind - calm **Temperature** 63° F

Sample Type:

Groundwater _____ **Sediment** _____

Surface Water/Stream X **Air** _____

Soil _____ **Other (describe, i.e. water, septage, etc.)** _____

Well Information (fill out for groundwater samples)

Depth to Water - **Measurement Method** -

Depth of Well - **Measurement Method** -

Volume Removed - **Removal Method** -

Field Test Results

pH	6.70	Spec Cond (mS/cm)	0.125	Turbidity (NTUs)	15
Diss. Oxygen (mg/l)	4.71	Temperature °C	18.45	Salinity (%)	0.11
PID (ppm)	NM	Color	Yellow	Odor	Swamp

Other:

Laboratory Analyses Requested

VOCs SW 846 8260B	PCBs SW 846 8082	Metals SW 846 6010B	Mercury SW 846 7471A
Cyanide SW 846 9010B/9014	SVOCs SW 846 8270C		

Remarks:

NM – Not Measured

NOTE: Sample collected from a swamp

Well Casing Volumes

GAL/FT	**1¼" = 0.077**	2" = 0.16	**3" = 0.37**	**4" = 0.65**
	1½ =0.10	**2½ " = 0.24**	**3½ = 0.50**	**6" = 1.46**

Appendix G

APPENDIX G

ANALYTICAL RESULTS

TABLE 1a
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-1					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	U	U	U	5	50 GV
Benzene	U	U	U	U	U	5	1 ST
Bromodichloromethane	U	U	U	U	U	5	50 GV
Bromoform	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	5	60
Carbon Tetrachloride	U	U	U	U	U	5	5 ST
Chlorobenzene	U	U	U	U	U	5	5 ST
Chloroethane	U	U	U	U	U	5	5 ST
Chloroform	U	U	U	U	U	5	7 ST
Dibromochloromethane	U	U	U	U	U	5	50 GV
1,2-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,1-Dichloroethane	U	U	U	U	U	5	5 ST
1,2-Dichloroethane	U	U	U	U	U	5	0.6 ST
1,1-Dichloroethene	U	U	U	U	U	5	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	5	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	5	5 ST
1,2-Dichloropropane	U	U	U	U	U	5	1 ST
cis-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST *
Ethylbenzene	U	U	U	U	U	5	5 ST
2-Hexanone	U	U	U	U	U	5	50 GV
Bromomethane	U	U	U	U	U	5	5 ST
Chloromethane	U	U	U	U	U	5	5 ST
Methylene Chloride	U	U	U	U	U	5	5 ST
2-Butanone	U	U	U	U	U	5	50 GV
4-Methyl-2-Pentanone	U	U	U	U	U	5	----
Styrene	U	U	U	U	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5	5 ST
Tetrachloroethene	U	U	U	U	U	5	5 ST
Toluene	U	U	U	U	U	5	5 ST
1,1,1-Trichloroethane	U	U	U	U	U	5	5 ST
1,1,2-Trichloroethane	U	U	U	U	U	5	1 ST
Trichloroethene	U	U	U	U	U	5	5 ST
Trichlorofluoromethane	U	U	U	U	U	5	5 ST
Vinyl Acetate	U	U	U	U	U	5	----
Vinyl Chloride	U	U	U	U	U	5	2 ST
m,p-Xylenes	U	U	U	U	U	5	5 ST**
o-Xylene	U	U	U	U	U	5	5 ST**
Total Xylenes	U	U	U	U	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	5	3 ST*
2-Chlorotoluene	U	U	U	U	U	5	5 ST
4-Chlorotoluene	U	U	U	U	U	5	5 ST
Dichlorodifluoromethane	U	U	U	U	U	5	5 ST
Methyl tert-Butyl Ether	U	U	U	U	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1a (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-2/MW-2R					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	NS	U	U	5	50 GV
Benzene	U	U	NS	U	U	5	1 ST
Bromodichloromethane	U	U	NS	U	U	5	50 GV
Bromoform	U	U	NS	U	U	5	50 GV
Carbon Disulfide	U	U	NS	U	U	5	60
Carbon Tetrachloride	U	U	NS	U	U	5	5 ST
Chlorobenzene	U	U	NS	U	U	5	5 ST
Chloroethane	U	U	NS	U	U	5	5 ST
Chloroform	U	U	NS	U	U	5	7 ST
Dibromochloromethane	U	U	NS	U	U	5	50 GV
1,2-Dichlorobenzene	U	U	NS	U	U	5	3 ST**
1,4-Dichlorobenzene	U	U	NS	U	U	5	3 ST**
1,1-Dichloroethane	U	U	NS	U	U	5	5 ST
1,2-Dichloroethane	U	U	NS	U	U	5	0.6 ST
1,1-Dichloroethene	U	U	NS	U	U	5	5 ST
cis-1,2-Dichloroethene	U	U	NS	U	U	5	5 ST
trans-1,2-dichloroethene	U	U	NS	U	U	5	5 ST
1,2-Dichloropropane	U	U	NS	U	U	5	1 ST
cis-1,3-Dichloropropene	U	U	NS	U	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	NS	U	U	5	0.4 ST *
Ethylbenzene	U	U	NS	U	U	5	5 ST
2-Hexanone	U	U	NS	U	U	5	50 GV
Bromomethane	U	U	NS	U	U	5	5 ST
Chloromethane	U	U	NS	U	U	5	5 ST
Methylene Chloride	U	U	NS	U	U	5	5 ST
2-Butanone	U	U	NS	U	U	5	50 GV
4-Methyl-2-Pentanone	U	U	NS	U	U	5	----
Styrene	U	U	NS	U	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	NS	U	U	5	5 ST
Tetrachloroethene	U	U	NS	U	U	5	5 ST
Toluene	U	U	NS	U	U	5	5 ST
1,1,1-Trichloroethane	U	U	NS	U	U	5	5 ST
1,1,2-Trichloroethane	U	U	NS	U	U	5	1 ST
Trichloroethene	U	U	NS	U	U	5	5 ST
Trichlorofluoromethane	U	U	NS	U	U	5	5 ST
Vinyl Acetate	U	U	NS	U	U	5	----
Vinyl Chloride	U	U	NS	U	U	5	2 ST
m,p-Xylenes	U	U	NS	U	U	5	5 ST**
o-Xylene	U	U	NS	U	U	5	5 ST**
Total Xylenes	U	U	NS	U	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	NS	U	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	NS	U	U	5	5 ST
1,3-Dichlorobenzene	U	U	NS	U	U	5	3 ST*
2-Chlorotoluene	U	U	NS	U	U	5	5 ST
4-Chlorotoluene	U	U	NS	U	U	5	5 ST
Dichlorodifluoromethane	U	U	NS	U	U	5	5 ST
Methyl tert-Butyl Ether	U	U	NS	U	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1a (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-3					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	U	NS	U	5	50 GV
Benzene	U	U	U	NS	U	5	1 ST
Bromodichloromethane	U	U	U	NS	U	5	50 GV
Bromoform	U	U	U	NS	U	5	50 GV
Carbon Disulfide	U	U	U	NS	U	5	60
Carbon Tetrachloride	U	U	U	NS	U	5	5 ST
Chlorobenzene	U	U	U	NS	U	5	5 ST
Chloroethane	U	U	U	NS	U	5	5 ST
Chloroform	U	U	U	NS	U	5	7 ST
Dibromochloromethane	U	U	U	NS	U	5	50 GV
1,2-Dichlorobenzene	U	U	U	NS	U	5	3 ST**
1,4-Dichlorobenzene	U	U	U	NS	U	5	3 ST**
1,1-Dichloroethane	U	U	U	NS	U	5	5 ST
1,2-Dichloroethane	U	U	U	NS	U	5	0.6 ST
1,1-Dichloroethene	U	U	U	NS	U	5	5 ST
cis-1,2-Dichloroethene	U	U	U	NS	U	5	5 ST
trans-1,2-dichloroethene	U	U	U	NS	U	5	5 ST
1,2-Dichloropropane	U	U	U	NS	U	5	1 ST
cis-1,3-Dichloropropene	U	U	U	NS	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	U	NS	U	5	0.4 ST *
Ethylbenzene	U	U	U	NS	U	5	5 ST
2-Hexanone	U	U	U	NS	U	5	50 GV
Bromomethane	U	U	U	NS	U	5	5 ST
Chloromethane	U	U	U	NS	U	5	5 ST
Methylene Chloride	U	U	U	NS	U	5	5 ST
2-Butanone	U	U	U	NS	U	5	50 GV
4-Methyl-2-Pentanone	U	U	U	NS	U	5	----
Styrene	U	U	U	NS	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	NS	U	5	5 ST
Tetrachloroethene	U	U	U	NS	U	5	5 ST
Toluene	U	U	U	NS	U	5	5 ST
1,1,1-Trichloroethane	U	U	U	NS	U	5	5 ST
1,1,2-Trichloroethane	U	U	U	NS	U	5	1 ST
Trichloroethene	U	U	U	NS	U	5	5 ST
Trichlorofluoromethane	U	U	U	NS	U	5	5 ST
Vinyl Acetate	U	U	U	NS	U	5	----
Vinyl Chloride	U	U	U	NS	U	5	2 ST
m,p-Xylenes	U	U	U	NS	U	5	5 ST**
o-Xylene	U	U	U	NS	U	5	5 ST**
Total Xylenes	U	U	U	NS	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	U	NS	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	U	NS	U	5	5 ST
1,3-Dichlorobenzene	U	U	U	NS	U	5	3 ST*
2-Chlorotoluene	U	U	U	NS	U	5	5 ST
4-Chlorotoluene	U	U	U	NS	U	5	5 ST
Dichlorodifluoromethane	U	U	U	NS	U	5	5 ST
Methyl tert-Butyl Ether	U	U	U	NS	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1a (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-4					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	U	U	U	5	50 GV
Benzene	U	U	U	U	U	5	1 ST
Bromodichloromethane	U	U	U	U	U	5	50 GV
Bromoform	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	5	60
Carbon Tetrachloride	U	U	U	U	U	5	5 ST
Chlorobenzene	U	U	U	U	U	5	5 ST
Chloroethane	U	U	U	U	U	5	5 ST
Chloroform	U	U	U	U	U	5	7 ST
Dibromochloromethane	U	U	U	U	U	5	50 GV
1,2-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,1-Dichloroethane	U	U	U	U	U	5	5 ST
1,2-Dichloroethane	U	U	U	U	U	5	0.6 ST
1,1-Dichloroethene	U	U	U	U	U	5	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	5	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	5	5 ST
1,2-Dichloropropane	U	U	U	U	U	5	1 ST
cis-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST *
Ethylbenzene	U	U	U	U	U	5	5 ST
2-Hexanone	U	U	U	U	U	5	50 GV
Bromomethane	U	U	U	U	U	5	5 ST
Chloromethane	U	U	U	U	U	5	5 ST
Methylene Chloride	U	U	U	U	U	5	5 ST
2-Butanone	U	U	U	U	U	5	50 GV
4-Methyl-2-Pentanone	U	U	U	U	U	5	----
Styrene	U	U	U	U	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5	5 ST
Tetrachloroethene	U	U	U	U	U	5	5 ST
Toluene	U	U	U	U	U	5	5 ST
1,1,1-Trichloroethane	U	U	U	U	U	5	5 ST
1,1,2-Trichloroethane	U	U	U	U	U	5	1 ST
Trichloroethene	U	U	U	U	U	5	5 ST
Trichlorofluoromethane	U	U	U	U	U	5	5 ST
Vinyl Acetate	U	U	U	U	U	5	----
Vinyl Chloride	U	U	U	U	U	5	2 ST
m,p-Xylenes	U	U	U	U	U	5	5 ST**
o-Xylene	U	U	U	U	U	5	5 ST**
Total Xylenes	U	U	U	U	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	5	3 ST*
2-Chlorotoluene	U	U	U	U	U	5	5 ST
4-Chlorotoluene	U	U	U	U	U	5	5 ST
Dichlorodifluoromethane	U	U	U	U	U	5	5 ST
Methyl tert-Butyl Ether	U	U	U	U	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1a (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-5					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	U	NS	U	5	50 GV
Benzene	U	U	U	NS	U	5	1 ST
Bromodichloromethane	U	U	U	NS	U	5	50 GV
Bromoform	U	U	U	NS	U	5	50 GV
Carbon Disulfide	U	U	U	NS	U	5	60
Carbon Tetrachloride	U	U	U	NS	U	5	5 ST
Chlorobenzene	U	U	U	NS	U	5	5 ST
Chloroethane	U	U	U	NS	U	5	5 ST
Chloroform	U	U	U	NS	U	5	7 ST
Dibromochloromethane	U	U	U	NS	U	5	50 GV
1,2-Dichlorobenzene	U	U	U	NS	U	5	3 ST**
1,4-Dichlorobenzene	U	U	U	NS	U	5	3 ST**
1,1-Dichloroethane	U	U	U	NS	U	5	5 ST
1,2-Dichloroethane	U	U	U	NS	U	5	0.6 ST
1,1-Dichloroethene	U	U	U	NS	U	5	5 ST
cis-1,2-Dichloroethene	U	U	U	NS	U	5	5 ST
trans-1,2-dichloroethene	U	U	U	NS	U	5	5 ST
1,2-Dichloropropane	U	U	U	NS	U	5	1 ST
cis-1,3-Dichloropropene	U	U	U	NS	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	U	NS	U	5	0.4 ST *
Ethylbenzene	U	U	U	NS	U	5	5 ST
2-Hexanone	U	U	U	NS	U	5	50 GV
Bromomethane	U	U	U	NS	U	5	5 ST
Chloromethane	U	U	U	NS	U	5	5 ST
Methylene Chloride	U	U	U	NS	U	5	5 ST
2-Butanone	U	U	U	NS	U	5	50 GV
4-Methyl-2-Pentanone	U	U	U	NS	U	5	----
Styrene	U	U	U	NS	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	NS	U	5	5 ST
Tetrachloroethene	U	U	U	NS	U	5	5 ST
Toluene	U	U	U	NS	U	5	5 ST
1,1,1-Trichloroethane	U	U	U	NS	U	5	5 ST
1,1,2-Trichloroethane	U	U	U	NS	U	5	1 ST
Trichloroethene	U	U	U	NS	U	5	5 ST
Trichlorofluoromethane	U	U	U	NS	U	5	5 ST
Vinyl Acetate	U	U	U	NS	U	5	----
Vinyl Chloride	U	U	U	NS	U	5	2 ST
m,p-Xylenes	U	U	U	NS	U	5	5 ST**
o-Xylene	U	U	U	NS	U	5	5 ST**
Total Xylenes	U	U	U	NS	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	U	NS	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	U	NS	U	5	5 ST
1,3-Dichlorobenzene	U	U	U	NS	U	5	3 ST*
2-Chlorotoluene	U	U	U	NS	U	5	5 ST
4-Chlorotoluene	U	U	U	NS	U	5	5 ST
Dichlorodifluoromethane	U	U	U	NS	U	5	5 ST
Methyl tert-Butyl Ether	U	U	U	NS	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1a (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-6/MW-6R					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Acetone	U	U	U	U	U	5	50 GV
Benzene	U	U	U	U	U	5	1 ST
Bromodichloromethane	U	U	U	U	U	5	50 GV
Bromoform	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	5	60
Carbon Tetrachloride	U	U	U	U	U	5	5 ST
Chlorobenzene	U	U	U	U	U	5	5 ST
Chloroethane	U	U	U	U	U	5	5 ST
Chloroform	U	U	U	U	U	5	7 ST
Dibromochloromethane	U	U	U	U	U	5	50 GV
1,2-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	5	3 ST**
1,1-Dichloroethane	U	U	U	U	U	5	5 ST
1,2-Dichloroethane	U	U	U	U	U	5	0.6 ST
1,1-Dichloroethene	U	U	U	U	U	5	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	5	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	5	5 ST
1,2-Dichloropropane	U	U	U	U	U	5	1 ST
cis-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST*
Trans-1,3-Dichloropropene	U	U	U	U	U	5	0.4 ST *
Ethylbenzene	U	U	U	U	U	5	5 ST
2-Hexanone	U	U	U	U	U	5	50 GV
Bromomethane	U	U	U	U	U	5	5 ST
Chloromethane	U	U	U	U	U	5	5 ST
Methylene Chloride	U	U	U	U	U	5	5 ST
2-Butanone	U	U	U	U	U	5	50 GV
4-Methyl-2-Pentanone	U	U	U	U	U	5	----
Styrene	U	U	U	U	U	5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5	5 ST
Tetrachloroethene	U	U	U	U	U	5	5 ST
Toluene	U	U	U	U	U	5	5 ST
1,1,1-Trichloroethane	U	U	U	U	U	5	5 ST
1,1,2-Trichloroethane	U	U	U	U	U	5	1 ST
Trichloroethene	U	U	U	U	U	5	5 ST
Trichlorofluoromethane	U	U	U	U	U	5	5 ST
Vinyl Acetate	U	U	U	U	U	5	----
Vinyl Chloride	U	U	U	U	U	5	2 ST
m,p-Xylenes	U	U	U	U	U	5	5 ST**
o-Xylene	U	U	U	U	U	5	5 ST**
Total Xylenes	U	U	U	U	U	5	5 ST**
1,2,3-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	5	3 ST*
2-Chlorotoluene	U	U	U	U	U	5	5 ST
4-Chlorotoluene	U	U	U	U	U	5	5 ST
Dichlorodifluoromethane	U	U	U	U	U	5	5 ST
Methyl tert-Butyl Ether	U	U	U	U	U	5	10GV
Total VOCs	0	0	0	0	0	---	---
Total VOC TICs	0	0	0	0	0	---	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
E: Compound concentration exceeds the calibration range for analysis

NOTES:
GV: Guidance Value
ST: Standard
*: Value pertains to the sum of the isomers
**: Value pertains to each isomer, individually
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value

TABLE 1b
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-1				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	U	U	U	10	1 ST *
bis(2-Chloroethyl)ether	U	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	U	10	1 ST *
1,3-Dichlorobenzene	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	10	3 ST
2-Methylphenol	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	10	0.4 ST
Isophorone	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	10	----
2,4-Dimethylphenol	U	U	U	U	10	1 ST *
2,4-Dichlorophenol	U	U	U	U	10	1 ST *
1,2,4-Trichlorobenzene	U	U	U	U	10	5 ST
Naphthalene	U	U	U	U	10	10 GV
4-Chloroaniline	U	U	U	U	10	5 ST
bis(2-Chloroethoxy)methane	U	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	U	10	0.5 ST
4-Chloro-3-methylphenol	U	U	U	U	10	----
2-Methylnaphthalene	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	U	10	----
2,4,5-Trichlorophenol	U	U	U	U	20	----
2-Chloronaphthalene	U	U	U	U	10	5 ST
2-Nitroaniline	U	U	U	U	20	5 ST
Dimethylphthalate	U	U	U	U	10	50 GV
Acenaphthylene	U	U	U	U	10	----
2,6-Dinitrotoluene	U	U	U	U	10	5 ST
3-Nitroaniline	U	U	U	U	20	5 ST
Acenaphthene	U	U	U	U	10	20 GV
2,4-Dinitrophenol	U	U	U	U	20	1 ST *
4-Nitrophenol	U	U	U	U	20	----
Dibenzofuran	U	U	U	U	10	----
2,4-Dinitrotoluene	U	U	U	U	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-1				Contract Required	NYSDEC Class GA Groundwater
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11	Detection	Standard or
Dilution Factor	1.0	1.0	1.0	1.0	Limit	Guidance Value
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	U	U	1.3 J	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	10	----
Fluorene	U	U	U	U	10	50 GV
4-Nitroaniline	U	U	U	U	20	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	20	----
N-Nitrosodiphenylamine	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	10	----
Hexachlorobenzene	U	U	U	U	10	0.04 ST
Pentachlorophenol	U	U	U	U	20	1 ST *
Phenanthrene	U	U	U	U	10	50 GV
Anthracene	U	U	U	U	10	50 GV
Carbazole	U	U	U	U	10	----
Di-n-butylphthalate	U	U	U	1.4 J	10	50 ST
Fluoranthene	U	U	U	U	10	50 GV
Pyrene	U	U	U	U	10	50 GV
Butylbenzylphthalate	U	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	U	10	5 ST
Benzo (a) anthracene	U	U	U	U	10	0.002 GV
Chrysene	U	U	U	U	10	0.002 GV
bis(2-Ethylhexyl)phthalate	2 J	U	U	U	10	5 ST
Di-n-octylphthalate	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	U	U	10	----
Benzo(g,h,i)perylene	U	U	U	U	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	2	0	0	2.7		
Total SVOC TICs	19	0	0	36		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-2/MW-2R				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	NS	U	U	10	1 ST *
bis(2-Chloroethyl)ether	U	NS	U	U	10	1 ST
2-Chlorophenol	U	NS	U	U	10	1 ST *
1,3-Dichlorobenzene	U	NS	U	U	10	3 ST
1,4-Dichlorobenzene	U	NS	U	U	10	3 ST
1,2-Dichlorobenzene	U	NS	U	U	10	3 ST
2-Methylphenol	U	NS	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	10	----
4-Methylphenol	U	NS	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	NS	U	U	10	----
Hexachloroethane	U	NS	U	U	10	5 ST
Nitrobenzene	U	NS	U	U	10	0.4 ST
Isophorone	U	NS	U	U	10	50 GV
2-Nitrophenol	U	NS	U	U	10	----
2,4-Dimethylphenol	U	NS	U	U	10	1 ST *
2,4-Dichlorophenol	U	NS	U	U	10	1 ST *
1,2,4-Trichlorobenzene	U	NS	U	U	10	5 ST
Naphthalene	U	NS	U	U	10	10 GV
4-Chloroaniline	U	NS	U	U	10	5 ST
bis(2-Chloroethoxy)methane	U	NS	U	U	10	5 ST
Hexachlorobutadiene	U	NS	U	U	10	0.5 ST
4-Chloro-3-methylphenol	U	NS	U	U	10	----
2-Methylnaphthalene	U	NS	U	U	10	----
Hexachlorocyclopentadiene	U	NS	U	U	10	5 ST
2,4,6-Trichlorophenol	U	NS	U	U	10	----
2,4,5-Trichlorophenol	U	NS	U	U	20	----
2-Chloronaphthalene	U	NS	U	U	10	5 ST
2-Nitroaniline	U	NS	U	U	20	5 ST
Dimethylphthalate	U	NS	U	U	10	50 GV
Acenaphthylene	U	NS	U	U	10	----
2,6-Dinitrotoluene	U	NS	U	U	10	5 ST
3-Nitroaniline	U	NS	U	U	20	5 ST
Acenaphthene	U	NS	U	U	10	20 GV
2,4-Dinitrophenol	U	NS	U	U	20	1 ST *
4-Nitrophenol	U	NS	U	U	20	----
Dibenzofuran	U	NS	U	U	10	----
2,4-Dinitrotoluene	U	NS	U	U	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-2/MW-2R				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	NS	U	1.1 J	10	50 GV
4-Chlorophenyl-phenylether	U	NS	U	U	10	----
Fluorene	U	NS	U	U	10	50 GV
4-Nitroaniline	U	NS	U	U	20	5 ST
4,6-Dinitro-2-methylphenol	U	NS	U	U	20	----
N-Nitrosodiphenylamine	U	NS	U	U	10	50 GV
4-Bromophenyl-phenylether	U	NS	U	U	10	----
Hexachlorobenzene	U	NS	U	U	10	0.04 ST
Pentachlorophenol	U	NS	U	U	20	1 ST *
Phenanthrene	U	NS	U	U	10	50 GV
Anthracene	U	NS	U	U	10	50 GV
Carbazole	U	NS	U	U	10	----
Di-n-butylphthalate	U	NS	U	1.3 J	10	50 ST
Fluoranthene	U	NS	U	U	10	50 GV
Pyrene	U	NS	U	U	10	50 GV
Butylbenzylphthalate	U	NS	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	NS	U	U	10	5 ST
Benzo (a) anthracene	U	NS	U	U	10	0.002 GV
Chrysene	U	NS	U	U	10	0.002 GV
bis(2-Ethylhexyl)phthalate	U	NS	U	U	10	5 ST
Di-n-octylphthalate	U	NS	U	U	10	50 GV
Benzo(b)fluoranthene	U	NS	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	NS	U	U	10	0.002 GV
Benzo(a)pyrene	U	NS	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	NS	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	NS	U	U	10	----
Benzo(g,h,i)perylene	U	NS	U	U	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	0	0	0	2		
Total SVOC TICs	24	0	0	39		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-3				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	U	NS	NS	10	1 ST *
bis(2-Chloroethyl)ether	U	U	NS	NS	10	1 ST
2-Chlorophenol	U	U	NS	NS	10	1 ST *
1,3-Dichlorobenzene	U	U	NS	NS	10	3 ST
1,4-Dichlorobenzene	U	U	NS	NS	10	3 ST
1,2-Dichlorobenzene	U	U	NS	NS	10	3 ST
2-Methylphenol	U	U	NS	NS	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	NS	NS	10	----
4-Methylphenol	U	U	NS	NS	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	NS	NS	10	----
Hexachloroethane	U	U	NS	NS	10	5 ST
Nitrobenzene	U	U	NS	NS	10	0.4 ST
Isophorone	U	U	NS	NS	10	50 GV
2-Nitrophenol	U	U	NS	NS	10	----
2,4-Dimethylphenol	U	U	NS	NS	10	1 ST *
2,4-Dichlorophenol	U	U	NS	NS	10	1 ST *
1,2,4-Trichlorobenzene	U	U	NS	NS	10	5 ST
Naphthalene	U	U	NS	NS	10	10 GV
4-Chloroaniline	U	U	NS	NS	10	5 ST
bis(2-Chloroethoxy)methane	U	U	NS	NS	10	5 ST
Hexachlorobutadiene	U	U	NS	NS	10	0.5 ST
4-Chloro-3-methylphenol	U	U	NS	NS	10	----
2-Methylnaphthalene	U	U	NS	NS	10	----
Hexachlorocyclopentadiene	U	U	NS	NS	10	5 ST
2,4,6-Trichlorophenol	U	U	NS	NS	10	----
2,4,5-Trichlorophenol	U	U	NS	NS	20	----
2-Chloronaphthalene	U	U	NS	NS	10	5 ST
2-Nitroaniline	U	U	NS	NS	20	5 ST
Dimethylphthalate	U	U	NS	NS	10	50 GV
Acenaphthylene	U	U	NS	NS	10	----
2,6-Dinitrotoluene	U	U	NS	NS	10	5 ST
3-Nitroaniline	U	U	NS	NS	20	5 ST
Acenaphthene	U	U	NS	NS	10	20 GV
2,4-Dinitrophenol	U	U	NS	NS	20	1 ST *
4-Nitrophenol	U	U	NS	NS	20	----
Dibenzofuran	U	U	NS	NS	10	----
2,4-Dinitrotoluene	U	U	NS	NS	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-3				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	U	NS	NS	10	50 GV
4-Chlorophenyl-phenylether	U	U	NS	NS	10	----
Fluorene	U	U	NS	NS	10	50 GV
4-Nitroaniline	U	U	NS	NS	20	5 ST
4,6-Dinitro-2-methylphenol	U	U	NS	NS	20	----
N-Nitrosodiphenylamine	U	U	NS	NS	10	50 GV
4-Bromophenyl-phenylether	U	U	NS	NS	10	----
Hexachlorobenzene	U	U	NS	NS	10	0.04 ST
Pentachlorophenol	U	U	NS	NS	20	1 ST *
Phenanthrene	U	U	NS	NS	10	50 GV
Anthracene	U	U	NS	NS	10	50 GV
Carbazole	U	U	NS	NS	10	----
Di-n-butylphthalate	U	U	NS	NS	10	50 ST
Fluoranthene	U	U	NS	NS	10	50 GV
Pyrene	U	U	NS	NS	10	50 GV
Butylbenzylphthalate	U	U	NS	NS	10	50 GV
3,3'-Dichlorobenzidine	U	U	NS	NS	10	5 ST
Benzo (a) anthracene	U	U	NS	NS	10	0.002 GV
Chrysene	U	U	NS	NS	10	0.002 GV
bis(2-Ethylhexyl)phthalate	U	U	NS	NS	10	5 ST
Di-n-octylphthalate	U	U	NS	NS	10	50 GV
Benzo(b)fluoranthene	U	U	NS	NS	10	0.002 GV
Benzo(k)fluoranthene	U	U	NS	NS	10	0.002 GV
Benzo(a)pyrene	U	U	NS	NS	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	NS	NS	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	NS	NS	10	----
Benzo(g,h,i)perylene	U	U	NS	NS	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	0	0	0	0		
Total SVOC TICs	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-4				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	U	U	U	10	1 ST *
bis(2-Chloroethyl)ether	U	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	U	10	1 ST *
1,3-Dichlorobenzene	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	10	3 ST
2-Methylphenol	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	10	0.4 ST
Isophorone	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	10	----
2,4-Dimethylphenol	U	U	U	U	10	1 ST *
2,4-Dichlorophenol	U	U	U	U	10	1 ST *
1,2,4-Trichlorobenzene	U	U	U	U	10	5 ST
Naphthalene	U	U	U	U	10	10 GV
4-Chloroaniline	U	U	U	U	10	5 ST
bis(2-Chloroethoxy)methane	U	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	U	10	0.5 ST
4-Chloro-3-methylphenol	U	U	U	U	10	----
2-Methylnaphthalene	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	U	10	----
2,4,5-Trichlorophenol	U	U	U	U	20	----
2-Chloronaphthalene	U	U	U	U	10	5 ST
2-Nitroaniline	U	U	U	U	20	5 ST
Dimethylphthalate	U	U	U	U	10	50 GV
Acenaphthylene	U	U	U	U	10	----
2,6-Dinitrotoluene	U	U	U	U	10	5 ST
3-Nitroaniline	U	U	U	U	20	5 ST
Acenaphthene	U	U	U	U	10	20 GV
2,4-Dinitrophenol	U	U	U	U	20	1 ST *
4-Nitrophenol	U	U	U	U	20	----
Dibenzofuran	U	U	U	U	10	----
2,4-Dinitrotoluene	U	U	U	U	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-4				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	U	U	1.3 J	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	10	----
Fluorene	U	U	U	U	10	50 GV
4-Nitroaniline	U	U	U	U	20	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	20	----
N-Nitrosodiphenylamine	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	10	----
Hexachlorobenzene	U	U	U	U	10	0.04 ST
Pentachlorophenol	U	U	U	U	20	1 ST *
Phenanthrene	U	U	U	U	10	50 GV
Anthracene	U	U	U	U	10	50 GV
Carbazole	U	U	U	U	10	----
Di-n-butylphthalate	U	U	U	1.5 J	10	50 ST
Fluoranthene	U	U	U	U	10	50 GV
Pyrene	U	U	U	U	10	50 GV
Butylbenzylphthalate	U	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	U	10	5 ST
Benzo (a) anthracene	U	U	U	U	10	0.002 GV
Chrysene	U	U	U	U	10	0.002 GV
bis(2-Ethylhexyl)phthalate	U	U	U	U	10	5 ST
Di-n-octylphthalate	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	U	U	10	----
Benzo(g,h,i)perylene	U	U	U	U	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	0	0	0	3		
Total SVOC TICs	0	0	0	53		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-5				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	U	NS	NS	10	1 ST *
bis(2-Chloroethyl)ether	U	U	NS	NS	10	1 ST
2-Chlorophenol	U	U	NS	NS	10	1 ST *
1,3-Dichlorobenzene	U	U	NS	NS	10	3 ST
1,4-Dichlorobenzene	U	U	NS	NS	10	3 ST
1,2-Dichlorobenzene	U	U	NS	NS	10	3 ST
2-Methylphenol	U	U	NS	NS	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	NS	NS	10	----
4-Methylphenol	U	U	NS	NS	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	NS	NS	10	----
Hexachloroethane	U	U	NS	NS	10	5 ST
Nitrobenzene	U	U	NS	NS	10	0.4 ST
Isophorone	U	U	NS	NS	10	50 GV
2-Nitrophenol	U	U	NS	NS	10	----
2,4-Dimethylphenol	U	U	NS	NS	10	1 ST *
2,4-Dichlorophenol	U	U	NS	NS	10	1 ST *
1,2,4-Trichlorobenzene	U	U	NS	NS	10	5 ST
Naphthalene	U	U	NS	NS	10	10 GV
4-Chloroaniline	U	U	NS	NS	10	5 ST
bis(2-Chloroethoxy)methane	U	U	NS	NS	10	5 ST
Hexachlorobutadiene	U	U	NS	NS	10	0.5 ST
4-Chloro-3-methylphenol	U	U	NS	NS	10	----
2-Methylnaphthalene	U	U	NS	NS	10	----
Hexachlorocyclopentadiene	U	U	NS	NS	10	5 ST
2,4,6-Trichlorophenol	U	U	NS	NS	10	----
2,4,5-Trichlorophenol	U	U	NS	NS	20	----
2-Chloronaphthalene	U	U	NS	NS	10	5 ST
2-Nitroaniline	U	U	NS	NS	20	5 ST
Dimethylphthalate	U	U	NS	NS	10	50 GV
Acenaphthylene	U	U	NS	NS	10	----
2,6-Dinitrotoluene	U	U	NS	NS	10	5 ST
3-Nitroaniline	U	U	NS	NS	20	5 ST
Acenaphthene	U	U	NS	NS	10	20 GV
2,4-Dinitrophenol	U	U	NS	NS	20	1 ST *
4-Nitrophenol	U	U	NS	NS	20	----
Dibenzofuran	U	U	NS	NS	10	----
2,4-Dinitrotoluene	U	U	NS	NS	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-5				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	U	NS	NS	10	50 GV
4-Chlorophenyl-phenylether	U	U	NS	NS	10	----
Fluorene	U	U	NS	NS	10	50 GV
4-Nitroaniline	U	U	NS	NS	20	5 ST
4,6-Dinitro-2-methylphenol	U	U	NS	NS	20	----
N-Nitrosodiphenylamine	U	U	NS	NS	10	50 GV
4-Bromophenyl-phenylether	U	U	NS	NS	10	----
Hexachlorobenzene	U	U	NS	NS	10	0.04 ST
Pentachlorophenol	U	U	NS	NS	20	1 ST *
Phenanthrene	U	U	NS	NS	10	50 GV
Anthracene	U	U	NS	NS	10	50 GV
Carbazole	U	U	NS	NS	10	----
Di-n-butylphthalate	U	U	NS	NS	10	50 ST
Fluoranthene	U	U	NS	NS	10	50 GV
Pyrene	U	U	NS	NS	10	50 GV
Butylbenzylphthalate	U	U	NS	NS	10	50 GV
3,3'-Dichlorobenzidine	U	U	NS	NS	10	5 ST
Benzo (a) anthracene	U	U	NS	NS	10	0.002 GV
Chrysene	U	U	NS	NS	10	0.002 GV
bis(2-Ethylhexyl)phthalate	U	U	NS	NS	10	5 ST
Di-n-octylphthalate	U	U	NS	NS	10	50 GV
Benzo(b)fluoranthene	U	U	NS	NS	10	0.002 GV
Benzo(k)fluoranthene	U	U	NS	NS	10	0.002 GV
Benzo(a)pyrene	U	U	NS	NS	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	NS	NS	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	NS	NS	10	----
Benzo(g,h,i)perylene	U	U	NS	NS	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	0	0	0	0		
Total SVOC TICs	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-6R				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Phenol	U	U	U	U	10	1 ST *
bis(2-Chloroethyl)ether	U	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	U	10	1 ST *
1,3-Dichlorobenzene	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	10	3 ST
2-Methylphenol	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	10	0.4 ST
Isophorone	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	10	----
2,4-Dimethylphenol	U	U	U	U	10	1 ST *
2,4-Dichlorophenol	U	U	U	U	10	1 ST *
1,2,4-Trichlorobenzene	U	U	U	U	10	5 ST
Naphthalene	U	U	U	U	10	10 GV
4-Chloroaniline	U	U	U	U	10	5 ST
bis(2-Chloroethoxy)methane	U	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	U	10	0.5 ST
4-Chloro-3-methylphenol	U	U	U	U	10	----
2-Methylnaphthalene	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	U	10	----
2,4,5-Trichlorophenol	U	U	U	U	20	----
2-Chloronaphthalene	U	U	U	U	10	5 ST
2-Nitroaniline	U	U	U	U	20	5 ST
Dimethylphthalate	6 J	U	U	U	10	50 GV
Acenaphthylene	U	U	U	U	10	----
2,6-Dinitrotoluene	U	U	U	U	10	5 ST
3-Nitroaniline	U	U	U	U	20	5 ST
Acenaphthene	U	U	U	U	10	20 GV
2,4-Dinitrophenol	U	U	U	U	20	1 ST *
4-Nitrophenol	U	U	U	U	20	----
Dibenzofuran	U	U	U	U	10	----
2,4-Dinitrotoluene	U	U	U	U	10	5 ST

TABLE 1b (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

Sample Identification	MW-6R				Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Diethylphthalate	U	U	U	1.1 J	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	10	----
Fluorene	U	U	U	U	10	50 GV
4-Nitroaniline	U	U	U	U	20	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	20	----
N-Nitrosodiphenylamine	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	10	----
Hexachlorobenzene	U	U	U	U	10	0.04 ST
Pentachlorophenol	U	U	U	U	20	1 ST *
Phenanthrene	U	U	U	U	10	50 GV
Anthracene	U	U	U	U	10	50 GV
Carbazole	U	U	U	U	10	----
Di-n-butylphthalate	U	U	U	1.3 J	10	50 ST
Fluoranthene	U	U	U	U	10	50 GV
Pyrene	U	U	U	U	10	50 GV
Butylbenzylphthalate	U	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	U	10	5 ST
Benzo (a) anthracene	U	U	U	U	10	0.002 GV
Chrysene	U	U	U	U	10	0.002 GV
bis(2-Ethylhexyl)phthalate	U	U	U	U	10	5 ST
Di-n-octylphthalate	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	U	U	10	----
Benzo(g,h,i)perylene	U	U	U	U	10	----
Total PAHs	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0		
Total SVOCs	6	0	0	2.4		
Total SVOC TICs	0	0	0	51.9		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
**** : Applies to the sum of Chlorinated Phenols
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-1					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	U	0.05	0.01 ST
beta-BHC	U	NS	U	U	U	0.05	0.04 ST
delta-BHC	U	NS	U	U	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	U	U	0.05	0.05 ST
Heptachlor	U	NS	U	U	U	0.05	0.04 ST
Aldrin	U	NS	U	U	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	U	U	0.05	0.03 ST
Endosulfan I	U	NS	U	U	U	0.05	----
Dieldrin	U	NS	U	U	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	U	U	0.10	0.2 ST
Endrin	U	NS	U	U	U	0.10	ND ST
Endosulfan II	U	NS	U	U	U	0.10	----
4,4'-DDD	U	NS	U	U	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	U	U	0.10	----
4,4'-DDT	U	NS	U	U	U	0.10	0.2 ST
Methoxychlor	U	NS	U	U	U	0.50	35 ST
Endrin Ketone	U	NS	U	U	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	U	U	0.10	5 ST
alpha-Chlordane	U	NS	U	U	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	U	U	0.05	0.05 ST
Toxaphene	U	NS	U	U	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1260	U	U	U	U	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-2/MW-2R					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	U	0.05	0.01 ST
beta-BHC	U	NS	U	U	U	0.05	0.04 ST
delta-BHC	U	NS	U	U	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	U	U	0.05	0.05 ST
Heptachlor	U	NS	U	U	U	0.05	0.04 ST
Aldrin	U	NS	U	U	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	U	U	0.05	0.03 ST
Endosulfan I	U	NS	U	U	U	0.05	----
Dieldrin	U	NS	U	U	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	U	U	0.10	0.2 ST
Endrin	U	NS	U	U	U	0.10	ND ST
Endosulfan II	U	NS	U	U	U	0.10	----
4,4'-DDD	U	NS	U	U	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	U	U	0.10	----
4,4'-DDT	U	NS	U	U	U	0.10	0.2 ST
Methoxychlor	U	NS	U	U	U	0.50	35 ST
Endrin Ketone	U	NS	U	U	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	U	U	0.10	5 ST
alpha-Chlordane	U	NS	U	U	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	U	U	0.05	0.05 ST
Toxaphene	U	NS	U	U	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	U	U	1.00	0.09 ST *
Aroclor - 1260	U	**0.25**	U	U	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0.25	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-3					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	NS	U	0.05	0.01 ST
beta-BHC	U	NS	U	NS	U	0.05	0.04 ST
delta-BHC	U	NS	U	NS	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	NS	U	0.05	0.05 ST
Heptachlor	U	NS	U	NS	U	0.05	0.04 ST
Aldrin	U	NS	U	NS	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	NS	U	0.05	0.03 ST
Endosulfan I	U	NS	U	NS	U	0.05	----
Dieldrin	U	NS	U	NS	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	NS	U	0.10	0.2 ST
Endrin	U	NS	U	NS	U	0.10	ND ST
Endosulfan II	U	NS	U	NS	U	0.10	----
4,4'-DDD	U	NS	U	NS	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	NS	U	0.10	----
4,4'-DDT	U	NS	U	NS	U	0.10	0.2 ST
Methoxychlor	U	NS	U	NS	U	0.50	35 ST
Endrin Ketone	U	NS	U	NS	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	NS	U	0.10	5 ST
alpha-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
Toxaphene	U	NS	U	NS	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1260	U	U	U	NS	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-4					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	NS	U	0.05	0.01 ST
beta-BHC	U	NS	U	NS	U	0.05	0.04 ST
delta-BHC	U	NS	U	NS	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	NS	U	0.05	0.05 ST
Heptachlor	U	NS	U	NS	U	0.05	0.04 ST
Aldrin	U	NS	U	NS	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	NS	U	0.05	0.03 ST
Endosulfan I	U	NS	U	NS	U	0.05	----
Dieldrin	U	NS	U	NS	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	NS	U	0.10	0.2 ST
Endrin	U	NS	U	NS	U	0.10	ND ST
Endosulfan II	U	NS	U	NS	U	0.10	----
4,4'-DDD	U	NS	U	NS	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	NS	U	0.10	----
4,4'-DDT	U	NS	U	NS	U	0.10	0.2 ST
Methoxychlor	U	NS	U	NS	U	0.50	35 ST
Endrin Ketone	U	NS	U	NS	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	NS	U	0.10	5 ST
alpha-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
Toxaphene	U	NS	U	NS	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1260	U	U	U	NS	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-5					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	NS	U	0.05	0.01 ST
beta-BHC	U	NS	U	NS	U	0.05	0.04 ST
delta-BHC	U	NS	U	NS	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	NS	U	0.05	0.05 ST
Heptachlor	U	NS	U	NS	U	0.05	0.04 ST
Aldrin	U	NS	U	NS	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	NS	U	0.05	0.03 ST
Endosulfan I	U	NS	U	NS	U	0.05	----
Dieldrin	U	NS	U	NS	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	NS	U	0.10	0.2 ST
Endrin	U	NS	U	NS	U	0.10	ND ST
Endosulfan II	U	NS	U	NS	U	0.10	----
4,4'-DDD	U	NS	U	NS	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	NS	U	0.10	----
4,4'-DDT	U	NS	U	NS	U	0.10	0.2 ST
Methoxychlor	U	NS	U	NS	U	0.50	35 ST
Endrin Ketone	U	NS	U	NS	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	NS	U	0.10	5 ST
alpha-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
Toxaphene	U	NS	U	NS	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1260	U	U	U	NS	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1c (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
PESTICIDES/PCBs

Sample Identification	MW-6/MW-6R					Contract Required Detection Limit	NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	NS	U	0.05	0.01 ST
beta-BHC	U	NS	U	NS	U	0.05	0.04 ST
delta-BHC	U	NS	U	NS	U	0.05	0.04 ST
gamma-BHC (Lindane)	U	NS	U	NS	U	0.05	0.05 ST
Heptachlor	U	NS	U	NS	U	0.05	0.04 ST
Aldrin	U	NS	U	NS	U	0.05	ND ST
Heptachlor Epoxide	U	NS	U	NS	U	0.05	0.03 ST
Endosulfan I	U	NS	U	NS	U	0.05	----
Dieldrin	U	NS	U	NS	U	0.10	0.004 ST
4,4'-DDE	U	NS	U	NS	U	0.10	0.2 ST
Endrin	U	NS	U	NS	U	0.10	ND ST
Endosulfan II	U	NS	U	NS	U	0.10	----
4,4'-DDD	U	NS	U	NS	U	0.10	0.3 ST
Endosulfan Sulfate	U	NS	U	NS	U	0.10	----
4,4'-DDT	U	NS	U	NS	U	0.10	0.2 ST
Methoxychlor	U	NS	U	NS	U	0.50	35 ST
Endrin Ketone	U	NS	U	NS	U	0.10	5 ST
Endrin Aldehyde	U	NS	U	NS	U	0.10	5 ST
alpha-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
gamma-Chlordane	U	NS	U	NS	U	0.05	0.05 ST
Toxaphene	U	NS	U	NS	U	5.0	0.06 ST
Aroclor - 1016	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1221	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1232	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1242	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1248	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1254	U	U	U	NS	U	1.00	0.09 ST *
Aroclor - 1260	U	U	U	NS	U	1.00	0.09 ST *
Total Pesticides	0.0	0.0	0.0	0.0	0.0		
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns
D: Result is taken from reanalysis at a secondary dilution

NOTES:
*: Applies to the sum of the isomers
GV: Guidance Value
ST: Standard
----: Not established
NS: Not sampled for this analyte

Indicates value exceeds standard or guidance value.

TABLE 1d
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-1					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	4,730	NS	20.5 B	127 B	196 B	----
Antimony	U	NS	U	U	U	3 ST
Arsenic	U	NS	U	U	U	25 ST
Barium	44.1 B	NS	15.7 B	33.1 B	22.5 B	1,000 ST
Beryllium	0.18 B	NS	U	U	U	3 GV
Cadmium	0.66 B	NS	U	U	U	5 ST
Calcium	11,300	NS	10,500	13,600	9,940	----
Chromium	6.2 B	NS	0.35 B	U	0.68 B	50 ST
Cobalt	5.3 B	NS	U	U	U	----
Copper	13.0 B	NS	8.0 B	U	U	200 ST
Iron	**7,000 E**	NS	33.5 B	135 B	159 B	300 ST ^
Lead	5.1	NS	U	U	U	25 ST
Magnesium	4,460 B	NS	3,070 B	3,720	2,700	35,000 GV
Manganese	**258**	NS	6.3 B	26.4 B	U	300 ST ^
Mercury	U	NS	U	U	U	0.7 ST
Nickel	7.3 B	NS	1.3 B	1 B	U	100 ST
Potassium	2,720 B	NS	1,490 B	1,920	2,090	----
Selenium	U	NS	U	U	U	10 ST
Silver	U	NS	4.3 B	U	U	50 ST
Sodium	3,410 BE	NS	5,250 U	9,030	7,520	20,000 ST
Thallium	U	NS	U	U	U	0.5 GV
Vanadium	5.4 B	NS	U	U	U	----
Zinc	21.8	NS	14.5 B	15.7 B	U	2,000 GV
Cyanide	4.2 B	NS	27.2	U	U	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 1d (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-2/MW-2R					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	243	NS	NS	94.3 B	U	----
Antimony	U	NS	NS	U	U	3 ST
Arsenic	U	NS	NS	U	U	25 ST
Barium	35.1 B	NS	NS	32.9 B	25.0 B	1,000 ST
Beryllium	U	NS	NS	U	U	3 GV
Cadmium	0.18 B	NS	NS	U	U	5 ST
Calcium	24,500	NS	NS	17,600	16,100	----
Chromium	1.1 B	NS	NS	U	U	50 ST
Cobalt	3.1 B	NS	NS	U	U	----
Copper	2.8 B	NS	NS	U	U	200 ST
Iron	**408 E**	NS	NS	140 B	59.1 B	300 ST ^
Lead	U	NS	NS	U	U	25 ST
Magnesium	6,110	NS	NS	5,700	5,400	35,000 GV
Manganese	**2,370**	NS	NS	21.2 B	U	300 ST ^
Mercury	U	NS	NS	U	U	0.7 ST
Nickel	4.8 B	NS	NS	U	U	100 ST
Potassium	7,430	NS	NS	13,100	9,950	----
Selenium	5.7	NS	NS	U	U	10 ST
Silver	U	NS	NS	U	U	50 ST
Sodium	9,050 E	NS	NS	6,590	5,940	20,000 ST
Thallium	**10.2**	NS	NS	U	U	0.5 GV
Vanadium	U	NS	NS	U	U	----
Zinc	9.8 B	NS	NS	12.5 B	U	2,000 GV
Cyanide	3.1 B	NS	NS	U	U	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 1d (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-3					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	464	NS	17.1 B	NS	NS	----
Antimony	U	NS	U	NS	NS	3 ST
Arsenic	U	NS	6.1 B	NS	NS	25 ST
Barium	28.6 B	NS	36.7 B	NS	NS	1,000 ST
Beryllium	U	NS	U	NS	NS	3 GV
Cadmium	0.17 B	NS	U	NS	NS	5 ST
Calcium	18,000	NS	33,500	NS	NS	----
Chromium	1.5 B	NS	0.36 B	NS	NS	50 ST
Cobalt	1.4 B	NS	U	NS	NS	----
Copper	2.6 B	NS	5.4 B	NS	NS	200 ST
Iron	**678 E**	NS	39.9 B	NS	NS	300 ST ^
Lead	U	NS	U	NS	NS	25 ST
Magnesium	3,590 B	NS	7,140	NS	NS	35,000 GV
Manganese	**229**	NS	2.7 B	NS	NS	300 ST ^
Mercury	U	NS	U	NS	NS	0.7 ST
Nickel	3.3 B	NS	1 B	NS	NS	100 ST
Potassium	2,490 B	NS	2,730 B	NS	NS	----
Selenium	5.3	NS	U	NS	NS	10 ST
Silver	U	NS	U	NS	NS	50 ST
Sodium	5,690 E	NS	13,200	NS	NS	20,000 ST
Thallium	U	NS	U	NS	NS	0.5 GV
Vanadium	0.60 B	NS	U	NS	NS	----
Zinc	6.6 B	NS	8.9 B	NS	NS	2,000 GV
Cyanide	3.0 B	NS	34.3	NS	NS	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 1d (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-4					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	19.6 B	NS	815	385	U	----
Antimony	U	NS	U	U	U	3 ST
Arsenic	U	NS	U	U	U	25 ST
Barium	38.5 B	NS	58.0 B	60.6 B	36.4 B	1,000 ST
Beryllium	U	NS	U	U	U	3 GV
Cadmium	U	NS	U	U	U	5 ST
Calcium	23,700	NS	22,200	22,700	22,000	----
Chromium	0.65 B	NS	1.1 B	U	U	50 ST
Cobalt	0.84 B	NS	0.62 B	0.82 B	U	----
Copper	1.4 B	NS	6.6 B	U	U	200 ST
Iron	84.4 BE	NS	**1,260**	**791**	U	300 ST ^
Lead	U	NS	U	U	U	25 ST
Magnesium	6,560	NS	7,010	6,620	6,220	35,000 GV
Manganese	12.0 B	NS	**238**	**182**	U	300 ST ^
Mercury	U	NS	U	U	U	0.7 ST
Nickel	0.87 B	NS	1.9 B	1.4 B	U	100 ST
Potassium	938 B	NS	911 B	1,040	1,120	----
Selenium	U	NS	U	U	U	10 ST
Silver	U	NS	U	U	U	50 ST
Sodium	9,340 E	NS	10,500	10,400	11,500	20,000 ST
Thallium	U	NS	U	U	U	0.5 GV
Vanadium	U	NS	1.1 B	U	U	----
Zinc	U	NS	13.8 B	17.2 B	U	2,000 GV
Cyanide	U	NS	24.8	U	U	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 1d (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-5					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	368	NS	16.2 B	NS	NS	----
Antimony	U	NS	U	NS	NS	3 ST
Arsenic	U	NS	U	NS	NS	25 ST
Barium	40.9 B	NS	52.2 B	NS	NS	1,000 ST
Beryllium	U	NS	U	NS	NS	3 GV
Cadmium	0.14 B	NS	U	NS	NS	5 ST
Calcium	21,600	NS	32,200	NS	NS	----
Chromium	1.6 B	NS	0.23 B	NS	NS	50 ST
Cobalt	1.4 B	NS	U	NS	NS	----
Copper	1.8 B	NS	3.7 B	NS	NS	200 ST
Iron	**494 E**	NS	26.8 B	NS	NS	300 ST ^
Lead	U	NS	U	NS	NS	25 ST
Magnesium	5,310	NS	4,870 B	NS	NS	35,000 GV
Manganese	**219**	NS	5.8 B	NS	NS	300 ST ^
Mercury	U	NS	U	NS	NS	0.7 ST
Nickel	2.9 B	NS	0.82 B	NS	NS	100 ST
Potassium	1,720 B	NS	1,500 B	NS	NS	----
Selenium	6.8	NS	U	NS	NS	10 ST
Silver	U	NS	U	NS	NS	50 ST
Sodium	7,690 E	NS	7,470	NS	NS	20,000 ST
Thallium	U	NS	U	NS	NS	0.5 GV
Vanadium	U	NS	U	NS	NS	----
Zinc	U	NS	10.3 B	NS	NS	2,000 GV
Cyanide	U	NS	**328**	NS	NS	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 1d (cont.)
FORMER BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
GROUNDWATER SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	MW-6/MW-6R					NYSDEC Class GA Groundwater Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	1,570	NS	96.5 B	1,650	72.1 B	----
Antimony	U	NS	U	U	**11.1 B**	3 ST
Arsenic	U	NS	U	U	U	25 ST
Barium	24.6 B	NS	53.9 B	67.8 B	26.4 B	1,000 ST
Beryllium	U	NS	U	U	U	3 GV
Cadmium	0.20 B	NS	U	U	U	5 ST
Calcium	5,840	NS	54,900	17,700	21,600	----
Chromium	2.5 B	NS	0.52 B	2.2 B	0.76 B	50 ST
Cobalt	2.2 B	NS	U	3.9 B	U	----
Copper	2.6 B	NS	4.1 B	5.1 B	U	200 ST
Iron	**2,160 E**	NS	116	**2,530**	89.9 B	300 ST ^
Lead	U	NS	U	4.6 B	U	25 ST
Magnesium	2,750 B	NS	7,340	5150	6,350	35,000 GV
Manganese	**125**	NS	4.2 B	**324**	U	300 ST ^
Mercury	U	NS	U	U	U	0.7 ST
Nickel	2.5 B	NS	0.69 B	4.9 B	U	100 ST
Potassium	1,360 B	NS	2,330 B	956 B	972 B	----
Selenium	U	NS	U	U	U	10 ST
Silver	U	NS	U	U	U	50 ST
Sodium	**37,400 E**	NS	**90,500**	**41,800**	**41,500**	20,000 ST
Thallium	U	NS	U	U	U	0.5 GV
Vanadium	1.9 B	NS	U	1.5 B	U	----
Zinc	15.6 B	NS	12.8 B	29.4 B	U	2,000 GV
Cyanide	U	NS	30.1	U	U	200 ST

QUALIFIERS:
U: Compound analyzed for but not detected
B: Concentration is less than the CRDL but greater than the IDL

NOTES:
^: The combined standard for iron and manganese is 500 ug/
GV: Guidance Value
ST: Standard
NS: Not sampled for this analyte
----: Not established

Indicates value exceeds standard or guidance value.
Value exceeds the combined standard of 500 ug/l for iron and manganese

TABLE 2a.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-1					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	U	U	U	U	NS	10	5
Chloromethane	U	U	U	U	NS	10	5
Vinyl Chloride	U	U	U	U	NS	10	2
Bromomethane	U	U	U	U	NS	10	5
Chloroethane	U	U	U	U	NS	10	5
Trichlorofluoromethane	U	U	U	U	NS	10	5
1,1-Dichloroethene	U	U	U	U	NS	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	U	U	U	U	NS	10	5
Acetone	U	U	U	U	NS	10	5
Carbon Disulfide	U	U	U	U	NS	10	5
Methyl Acetate	U	U	U	U	NS	10	5
Methylene Chloride	U	U	U	U	NS	10	5
trans-1,2-dichloroethene	U	U	U	U	NS	10	5
Methyl tert-Butyl Ether	U	U	U	U	NS	10	10
1,1-Dichloroethane	U	U	U	U	NS	10	5
cis-1,2-Dichloroethene	U	U	U	U	NS	10	5
2-Butanone	U	U	U	U	NS	10	5
Chloroform	U	U	U	U	NS	10	5
1,1,1-Trichloroethane	U	U	U	U	NS	10	5
Cyclohexane	U	U	U	U	NS	10	5
Carbon Tetrachloride	U	U	U	U	NS	10	5
Benzene	U	U	U	U	NS	10	5
1,2-Dichloroethane	U	U	U	U	NS	10	5
Trichloroethene	U	U	U	U	NS	10	5
Methylcyclohexane	U	U	U	U	NS	10	5
1,2-Dichloropropane	U	U	U	U	NS	10	5
Bromodichloromethane	U	U	U	U	NS	10	5
cis-1,3-Dichloropropene	U	U	U	U	NS	10	5
4-Methyl-2-Pentanone	U	U	U	U	NS	10	5
Toluene	U	U	U	U	NS	10	5
Trans-1,3-Dichloropropene	U	U	U	U	NS	10	5
1,1,2-Trichloroethane	U	U	U	U	NS	10	5
Tetrachloroethene	U	U	U	U	NS	10	5
2-Hexanone	U	U	U	U	NS	10	5
Dibromochloromethane	U	U	U	U	NS	10	5
1,2-Dibromoethane	U	U	U	U	NS	10	5
Chlorobenzene	U	U	U	U	NS	10	5
Ethylbenzene	U	U	U	U	NS	10	5
Total Xylenes	U	U	U	U	NS	10	5
Styrene	U	U	U	U	NS	10	5
Bromoform	U	U	U	U	NS	10	5
Isopropylbenzene	U	U	U	U	NS	10	5
1,1,2,2-Tetrachloroethane	U	U	U	U	NS	10	5
1,3-Dichlorobenzene	U	U	U	U	NS	10	5
1,4-Dichlorobenzene	U	U	U	U	NS	10	5
1,2-Dichlorobenzene	U	U	U	U	NS	10	5
1,2-Dibromo-3-chloropropane	U	U	U	U	NS	10	5
1,2,4-Trichlorobenzene	U	U	U	U	NS	10	5
Total VOCs	0	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-2					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	U	U	U	U	U	10	5
Chloromethane	U	U	U	U	U	10	5
Vinyl Chloride	U	U	U	U	U	10	2
Bromomethane	U	U	U	U	U	10	5
Chloroethane	U	U	U	U	U	10	5
Trichlorofluoromethane	U	U	U	U	U	10	5
1,1-Dichloroethene	U	U	U	U	U	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	U	U	U	U	U	10	5
Acetone	U	U	U	U	U	10	5
Carbon Disulfide	U	U	U	U	U	10	5
Methyl Acetate	U	U	U	U	U	10	5
Methylene Chloride	U	U	U	U	U	10	5
trans-1,2-dichloroethene	U	U	U	U	U	10	5
Methyl tert-Butyl Ether	U	U	U	U	U	10	10
1,1-Dichloroethane	U	U	U	U	U	10	5
cis-1,2-Dichloroethene	U	U	U	U	U	10	5
2-Butanone	U	U	U	U	U	10	5
Chloroform	U	U	U	U	U	10	5
1,1,1-Trichloroethane	U	U	U	U	U	10	5
Cyclohexane	U	U	U	U	U	10	5
Carbon Tetrachloride	U	U	U	U	U	10	5
Benzene	U	U	U	U	U	10	5
1,2-Dichloroethane	U	U	U	U	U	10	5
Trichloroethene	U	U	U	U	U	10	5
Methylcyclohexane	U	U	U	U	U	10	5
1,2-Dichloropropane	U	U	U	U	U	10	5
Bromodichloromethane	U	U	U	U	U	10	5
cis-1,3-Dichloropropene	U	U	U	U	U	10	5
4-Methyl-2-Pentanone	U	U	U	U	U	10	5
Toluene	U	U	U	U	U	10	5
Trans-1,3-Dichloropropene	U	U	U	U	U	10	5
1,1,2-Trichloroethane	U	U	U	U	U	10	5
Tetrachloroethene	U	U	U	U	U	10	5
2-Hexanone	U	U	U	U	U	10	5
Dibromochloromethane	U	U	U	U	U	10	5
1,2-Dibromoethane	U	U	U	U	U	10	5
Chlorobenzene	U	U	U	U	U	10	5
Ethylbenzene	U	U	U	U	U	10	5
Total Xylenes	U	U	U	U	U	10	5
Styrene	U	U	U	U	U	10	5
Bromoform	U	U	U	U	U	10	5
Isopropylbenzene	U	U	U	U	U	10	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	10	5
1,3-Dichlorobenzene	U	U	U	U	U	10	5
1,4-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	10	5
1,2,4-Trichlorobenzene	U	U	U	U	U	10	5
Total VOCs	0	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-3					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	U	U	U	U	U	10	5
Chloromethane	U	U	U	U	U	10	5
Vinyl Chloride	U	U	U	U	U	10	2
Bromomethane	U	U	U	U	U	10	5
Chloroethane	U	U	U	U	U	10	5
Trichlorofluoromethane	U	U	U	U	U	10	5
1,1-Dichloroethene	U	U	U	U	U	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	U	U	U	U	U	10	5
Acetone	U	U	U	U	U	10	5
Carbon Disulfide	U	U	U	U	U	10	5
Methyl Acetate	U	U	U	U	U	10	5
Methylene Chloride	U	U	U	U	U	10	5
trans-1,2-dichloroethene	U	U	U	U	U	10	5
Methyl tert-Butyl Ether	U	U	U	U	U	10	10
1,1-Dichloroethane	U	U	U	U	U	10	5
cis-1,2-Dichloroethene	U	U	U	U	U	10	5
2-Butanone	U	U	U	U	U	10	5
Chloroform	U	U	U	U	U	10	5
1,1,1-Trichloroethane	U	U	U	U	U	10	5
Cyclohexane	U	U	U	U	U	10	5
Carbon Tetrachloride	U	U	U	U	U	10	5
Benzene	U	U	U	U	U	10	5
1,2-Dichloroethane	U	U	U	U	U	10	5
Trichloroethene	U	U	U	U	U	10	5
Methylcyclohexane	U	U	U	U	U	10	5
1,2-Dichloropropane	U	U	U	U	U	10	5
Bromodichloromethane	U	U	U	U	U	10	5
cis-1,3-Dichloropropene	U	U	U	U	U	10	5
4-Methyl-2-Pentanone	U	U	U	U	U	10	5
Toluene	5 J	U	U	U	U	10	5
Trans-1,3-Dichloropropene	U	U	U	U	U	10	5
1,1,2-Trichloroethane	U	U	U	U	U	10	5
Tetrachloroethene	**44**	U	U	U	U	10	5
2-Hexanone	U	U	U	U	U	10	5
Dibromochloromethane	U	U	U	U	U	10	5
1,2-Dibromoethane	U	U	U	U	U	10	5
Chlorobenzene	U	U	U	U	U	10	5
Ethylbenzene	U	U	U	U	U	10	5
Total Xylenes	U	U	U	U	U	10	5
Styrene	U	U	U	U	U	10	5
Bromoform	U	U	U	U	U	10	5
Isopropylbenzene	U	U	U	U	U	10	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	10	5
1,3-Dichlorobenzene	U	U	U	U	U	10	5
1,4-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	10	5
1,2,4-Trichlorobenzene	U	U	U	U	U	10	5
Total VOCs	49	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-4					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	U	U	U	U	U	10	5
Chloromethane	U	U	U	U	U	10	5
Vinyl Chloride	U	U	U	U	U	10	2
Bromomethane	U	U	U	U	U	10	5
Chloroethane	U	U	U	U	U	10	5
Trichlorofluoromethane	U	U	U	U	U	10	5
1,1-Dichloroethene	U	U	U	U	U	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	U	U	U	U	U	10	5
Acetone	U	U	U	U	U	10	5
Carbon Disulfide	U	U	U	U	U	10	5
Methyl Acetate	U	U	U	U	U	10	5
Methylene Chloride	U	U	U	U	U	10	5
trans-1,2-dichloroethene	U	U	U	U	U	10	5
Methyl tert-Butyl Ether	U	U	U	U	U	10	10
1,1-Dichloroethane	U	U	U	U	U	10	5
cis-1,2-Dichloroethene	U	U	U	U	U	10	5
2-Butanone	U	U	U	U	U	10	5
Chloroform	U	U	U	U	U	10	5
1,1,1-Trichloroethane	U	U	U	U	U	10	5
Cyclohexane	U	U	U	U	U	10	5
Carbon Tetrachloride	U	U	U	U	U	10	5
Benzene	U	U	U	U	U	10	5
1,2-Dichloroethane	U	U	U	U	U	10	5
Trichloroethene	U	U	U	U	U	10	5
Methylcyclohexane	U	U	U	U	U	10	5
1,2-Dichloropropane	U	U	U	U	U	10	5
Bromodichloromethane	U	U	U	U	U	10	5
cis-1,3-Dichloropropene	U	U	U	U	U	10	5
4-Methyl-2-Pentanone	U	U	U	U	U	10	5
Toluene	U	U	U	U	U	10	5
Trans-1,3-Dichloropropene	U	U	U	U	U	10	5
1,1,2-Trichloroethane	U	U	U	U	U	10	5
Tetrachloroethene	U	U	U	U	U	10	5
2-Hexanone	U	U	U	U	U	10	5
Dibromochloromethane	U	U	U	U	U	10	5
1,2-Dibromoethane	U	U	U	U	U	10	5
Chlorobenzene	U	U	U	U	U	10	5
Ethylbenzene	U	U	U	U	U	10	5
Total Xylenes	U	U	U	U	U	10	5
Styrene	U	U	U	U	U	10	5
Bromoform	U	U	U	U	U	10	5
Isopropylbenzene	U	U	U	U	U	10	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	10	5
1,3-Dichlorobenzene	U	U	U	U	U	10	5
1,4-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dichlorobenzene	U	U	U	U	U	10	5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	10	5
1,2,4-Trichlorobenzene	U	U	U	U	U	10	5
Total VOCs	0	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-5					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	U	U	U	U	NS	10	5
Chloromethane	U	U	U	U	NS	10	5
Vinyl Chloride	U	U	U	U	NS	10	2
Bromomethane	U	U	U	U	NS	10	5
Chloroethane	U	U	U	U	NS	10	5
Trichlorofluoromethane	U	U	U	U	NS	10	5
1,1-Dichloroethene	U	U	U	U	NS	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	U	U	U	U	NS	10	5
Acetone	U	U	U	U	NS	10	5
Carbon Disulfide	U	U	U	U	NS	10	5
Methyl Acetate	U	U	U	U	NS	10	5
Methylene Chloride	U	U	U	U	NS	10	5
trans-1,2-dichloroethene	U	U	U	U	NS	10	5
Methyl tert-Butyl Ether	U	U	U	U	NS	10	10
1,1-Dichloroethane	U	U	U	U	NS	10	5
cis-1,2-Dichloroethene	U	U	U	U	NS	10	5
2-Butanone	U	U	U	U	NS	10	5
Chloroform	U	U	U	U	NS	10	5
1,1,1-Trichloroethane	U	U	U	U	NS	10	5
Cyclohexane	U	U	U	U	NS	10	5
Carbon Tetrachloride	U	U	U	U	NS	10	5
Benzene	U	U	U	U	NS	10	5
1,2-Dichloroethane	U	U	U	U	NS	10	5
Trichloroethene	U	U	U	U	NS	10	5
Methylcyclohexane	U	U	U	U	NS	10	5
1,2-Dichloropropane	U	U	U	U	NS	10	5
Bromodichloromethane	U	U	U	U	NS	10	5
cis-1,3-Dichloropropene	U	U	U	U	NS	10	5
4-Methyl-2-Pentanone	U	U	U	U	NS	10	5
Toluene	U	U	U	U	NS	10	5
Trans-1,3-Dichloropropene	U	U	U	U	NS	10	5
1,1,2-Trichloroethane	U	U	U	U	NS	10	5
Tetrachloroethene	U	U	U	U	NS	10	5
2-Hexanone	U	U	U	U	NS	10	5
Dibromochloromethane	U	U	U	U	NS	10	5
1,2-Dibromoethane	U	U	U	U	NS	10	5
Chlorobenzene	U	U	U	U	NS	10	5
Ethylbenzene	U	U	U	U	NS	10	5
Total Xylenes	U	U	U	U	NS	10	5
Styrene	U	U	U	U	NS	10	5
Bromoform	U	U	U	U	NS	10	5
Isopropylbenzene	U	U	U	U	NS	10	5
1,1,2,2-Tetrachloroethane	U	U	U	U	NS	10	5
1,3-Dichlorobenzene	U	U	U	U	NS	10	5
1,4-Dichlorobenzene	U	U	U	U	NS	10	5
1,2-Dichlorobenzene	U	U	U	U	NS	10	5
1,2-Dibromo-3-chloropropane	U	U	U	U	NS	10	5
1,2,4-Trichlorobenzene	U	U	U	U	NS	10	5
Total VOCs	0	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-6					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	NS	NS	NS	U	U	10	5
Chloromethane	NS	NS	NS	U	U	10	5
Vinyl Chloride	NS	NS	NS	U	U	10	2
Bromomethane	NS	NS	NS	U	U	10	5
Chloroethane	NS	NS	NS	U	U	10	5
Trichlorofluoromethane	NS	NS	NS	U	U	10	5
1,1-Dichloroethene	NS	NS	NS	U	U	10	5
1,1,2-trichloro-1,2,2-trifluoroethane	NS	NS	NS	U	U	10	5
Acetone	NS	NS	NS	U	U	10	5
Carbon Disulfide	NS	NS	NS	U	U	10	5
Methyl Acetate	NS	NS	NS	U	U	10	5
Methylene Chloride	NS	NS	NS	U	U	10	5
trans-1,2-dichloroethene	NS	NS	NS	U	U	10	5
Methyl tert-Butyl Ether	NS	NS	NS	U	U	10	10
1,1-Dichloroethane	NS	NS	NS	U	U	10	5
cis-1,2-Dichloroethene	NS	NS	NS	U	U	10	5
2-Butanone	NS	NS	NS	U	U	10	5
Chloroform	NS	NS	NS	U	U	10	5
1,1,1-Trichloroethane	NS	NS	NS	U	U	10	5
Cyclohexane	NS	NS	NS	U	U	10	5
Carbon Tetrachloride	NS	NS	NS	U	U	10	5
Benzene	NS	NS	NS	U	U	10	5
1,2-Dichloroethane	NS	NS	NS	U	U	10	5
Trichloroethene	NS	NS	NS	U	U	10	5
Methylcyclohexane	NS	NS	NS	U	U	10	5
1,2-Dichloropropane	NS	NS	NS	U	U	10	5
Bromodichloromethane	NS	NS	NS	U	U	10	5
cis-1,3-Dichloropropene	NS	NS	NS	U	U	10	5
4-Methyl-2-Pentanone	NS	NS	NS	U	U	10	5
Toluene	NS	NS	NS	U	U	10	5
Trans-1,3-Dichloropropene	NS	NS	NS	U	U	10	5
1,1,2-Trichloroethane	NS	NS	NS	U	U	10	5
Tetrachloroethene	NS	NS	NS	U	U	10	5
2-Hexanone	NS	NS	NS	U	U	10	5
Dibromochloromethane	NS	NS	NS	U	U	10	5
1,2-Dibromoethane	NS	NS	NS	U	U	10	5
Chlorobenzene	NS	NS	NS	U	U	10	5
Ethylbenzene	NS	NS	NS	U	U	10	5
Total Xylenes	NS	NS	NS	U	U	10	5
Styrene	NS	NS	NS	U	U	10	5
Bromoform	NS	NS	NS	U	U	10	5
Isopropylbenzene	NS	NS	NS	U	U	10	5
1,1,2,2-Tetrachloroethane	NS	NS	NS	U	U	10	5
1,3-Dichlorobenzene	NS	NS	NS	U	U	10	5
1,4-Dichlorobenzene	NS	NS	NS	U	U	10	5
1,2-Dichlorobenzene	NS	NS	NS	U	U	10	5
1,2-Dibromo-3-chloropropane	NS	NS	NS	U	U	10	5
1,2,4-Trichlorobenzene	NS	NS	NS	U	U	10	5
Total VOCs	0	0	0	0	0		100
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value

TABLE 2b.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-1					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	U	NS	U	U	NS	10	5
Phenol	U	NS	U	U	NS	10	5
bis(2-Chloroethyl)ether	U	NS	U	U	NS	10	5
2-Chlorophenol	U	NS	U	U	NS	10	5
2-Methylphenol	U	NS	U	U	NS	10	5
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	NS	10	5
Acetophenone	U	NS	U	U	NS	10	5
4-Methylphenol	U	NS	U	U	NS	10	5
N-Nitroso-di-n-propylamine	U	NS	U	U	NS	10	5
Hexachloroethane	U	NS	U	U	NS	10	5
Nitrobenzene	U	NS	U	U	NS	10	5
Isophorone	U	NS	U	U	NS	10	5
2-Nitrophenol	U	NS	U	U	NS	10	5
2,4-Dimethylphenol	U	NS	U	U	NS	10	5
bis(2-Chloroethoxy)methane	U	NS	U	U	NS	10	5
2,4-Dichlorophenol	U	NS	U	U	NS	10	5
Naphthalene	U	NS	U	U	NS	10	5
4-Chloroaniline	U	NS	U	U	NS	10	5
Hexachlorobutadiene	U	NS	U	U	NS	10	5
Caprolactum	U	NS	U	U	NS	10	5
4-Chloro-3-methylphenol	U	NS	U	U	NS	10	5
2-Methylnaphthalene	U	NS	U	U	NS	10	5
Hexachlorocyclopentadiene	U	NS	U	U	NS	10	5
2,4,6-Trichlorophenol	U	NS	U	U	NS	10	5
2,4,5-Trichlorophenol	U	NS	U	U	NS	25	5
1-1'-Biphenyl	U	NS	U	U	NS	10	5
2-Chloronaphthalene	U	NS	U	U	NS	10	5
2-Nitroaniline	U	NS	U	U	NS	25	5
Dimethylphthalate	U	NS	U	U	NS	10	5
2,6-Dinitrotoluene	U	NS	U	U	NS	10	5
Acenaphthylene	U	NS	U	U	NS	10	5
3-Nitroaniline	U	NS	U	U	NS	25	5
Acenaphthene	U	NS	U	U	NS	10	5
2,4-Dinitrophenol	U	NS	U	U	NS	25	5
4-Nitrophenol	U	NS	U	U	NS	25	5
Dibenzofuran	U	NS	U	U	NS	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-1					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	U	NS	U	U	NS	10	5
Diethylphthalate	U	NS	U	U	NS	10	5
Fluorene	U	NS	U	U	NS	10	5
4-Chlorophenyl-phenylether	U	NS	U	U	NS	10	5
4-Nitroaniline	U	NS	U	U	NS	25	5
4,6-Dinitro-2-methylphenol	U	NS	U	U	NS	25	5
N-Nitrosodiphenylamine	U	NS	U	U	NS	10	5
4-Bromophenyl-phenylether	U	NS	U	U	NS	10	5
Hexachlorobenzene	U	NS	U	U	NS	10	5
Atrazine	U	NS	U	U	NS	10	5
Pentachlorophenol	U	NS	U	U	NS	25	5
Phenanthrene	U	NS	U	U	NS	10	5
Anthracene	U	NS	U	U	NS	10	5
Carbazole	U	NS	U	U	NS	10	5
Di-n-butylphthalate	1 J	NS	U	U	NS	10	5
Fluoranthene	U	NS	U	U	NS	10	5
Pyrene	U	NS	U	U	NS	10	5
Butylbenzylphthalate	U	NS	U	U	NS	10	5
3,3'-Dichlorobenzidine	U	NS	U	U	NS	10	5
Benzo (a) anthracene	U	NS	U	U	NS	10	5
Chrysene	U	NS	U	U	NS	10	5
bis(2-Ethylhexyl)phthalate	U	NS	U	U	NS	10	5
Di-octylphthalate	U	NS	U	U	NS	10	5
Benzo(b)fluoranthene	U	NS	U	U	NS	10	5
Benzo(k)fluoranthene	U	NS	U	U	NS	10	5
Benzo(a)pyrene	U	NS	U	U	NS	10	0.2
Indeno(1,2,3-cd)pyrene	U	NS	U	U	NS	10	5
Dibenzo(a,h)anthracene	U	NS	U	U	NS	10	5
Benzo(g,h,i)perylene	U	NS	U	U	NS	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	1	0	0	0	0		
Total SVOC TICs	0	0	2	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-2					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	U	NS	U	U	U	10	5
Phenol	U	NS	U	U	U	10	5
bis(2-Chloroethyl)ether	U	NS	U	U	U	10	5
2-Chlorophenol	U	NS	U	U	U	10	5
2-Methylphenol	U	NS	U	U	U	10	5
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	U	10	5
Acetophenone	U	NS	U	U	U	10	5
4-Methylphenol	U	NS	U	U	U	10	5
N-Nitroso-di-n-propylamine	U	NS	U	U	U	10	5
Hexachloroethane	U	NS	U	U	U	10	5
Nitrobenzene	U	NS	U	U	U	10	5
Isophorone	U	NS	U	U	U	10	5
2-Nitrophenol	U	NS	U	U	U	10	5
2,4-Dimethylphenol	U	NS	U	U	U	10	5
bis(2-Chloroethoxy)methane	U	NS	U	U	U	10	5
2,4-Dichlorophenol	U	NS	U	U	U	10	5
Naphthalene	U	NS	U	U	U	10	5
4-Chloroaniline	U	NS	U	U	U	10	5
Hexachlorobutadiene	U	NS	U	U	U	10	5
Caprolactum	U	NS	U	U	U	10	5
4-Chloro-3-methylphenol	U	NS	U	U	U	10	5
2-Methylnaphthalene	U	NS	U	U	U	10	5
Hexachlorocyclopentadiene	U	NS	U	U	U	10	5
2,4,6-Trichlorophenol	U	NS	U	U	U	10	5
2,4,5-Trichlorophenol	U	NS	U	U	U	25	5
1-1'-Biphenyl	U	NS	U	U	U	10	5
2-Chloronaphthalene	U	NS	U	U	U	10	5
2-Nitroaniline	U	NS	U	U	U	25	5
Dimethylphthalate	U	NS	U	U	U	10	5
2,6-Dinitrotoluene	U	NS	U	U	U	10	5
Acenaphthylene	U	NS	U	U	U	10	5
3-Nitroaniline	U	NS	U	U	U	25	5
Acenaphthene	U	NS	U	U	U	10	5
2,4-Dinitrophenol	U	NS	U	U	U	25	5
4-Nitrophenol	U	NS	U	U	U	25	5
Dibenzofuran	U	NS	U	U	U	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-2					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	U	NS	U	U	U	10	5
Diethylphthalate	U	NS	U	U	1.4 J	10	5
Fluorene	U	NS	U	U	U	10	5
4-Chlorophenyl-phenylether	U	NS	U	U	U	10	5
4-Nitroaniline	U	NS	U	U	U	25	5
4,6-Dinitro-2-methylphenol	U	NS	U	U	U	25	5
N-Nitrosodiphenylamine	U	NS	U	U	U	10	5
4-Bromophenyl-phenylether	U	NS	U	U	U	10	5
Hexachlorobenzene	U	NS	U	U	U	10	5
Atrazine	U	NS	U	U	U	10	5
Pentachlorophenol	U	NS	U	U	U	25	5
Phenanthrene	U	NS	U	U	U	10	5
Anthracene	U	NS	U	U	U	10	5
Carbazole	U	NS	U	U	U	10	5
Di-n-butylphthalate	U	NS	U	U	2.4 J	10	5
Fluoranthene	U	NS	U	U	U	10	5
Pyrene	U	NS	U	U	U	10	5
Butylbenzylphthalate	U	NS	U	U	U	10	5
3,3'-Dichlorobenzidine	U	NS	U	U	U	10	5
Benzo (a) anthracene	U	NS	U	U	U	10	5
Chrysene	U	NS	U	U	U	10	5
bis(2-Ethylhexyl)phthalate	U	NS	U	U	U	10	5
Di-octylphthalate	U	NS	U	U	U	10	5
Benzo(b)fluoranthene	U	NS	U	U	U	10	5
Benzo(k)fluoranthene	U	NS	U	U	U	10	5
Benzo(a)pyrene	U	NS	U	U	U	10	0.2
Indeno(1,2,3-cd)pyrene	U	NS	U	U	U	10	5
Dibenzo(a,h)anthracene	U	NS	U	U	U	10	5
Benzo(g,h,i)perylene	U	NS	U	U	U	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	4		
Total SVOC TICs	0	0	15	0	66		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-3					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	U	NS	U	U	U	10	5
Phenol	U	NS	U	U	U	10	5
bis(2-Chloroethyl)ether	U	NS	U	U	U	10	5
2-Chlorophenol	U	NS	U	U	U	10	5
2-Methylphenol	U	NS	U	U	U	10	5
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	U	10	5
Acetophenone	U	NS	U	U	U	10	5
4-Methylphenol	U	NS	U	U	U	10	5
N-Nitroso-di-n-propylamine	U	NS	U	U	U	10	5
Hexachloroethane	U	NS	U	U	U	10	5
Nitrobenzene	U	NS	U	U	U	10	5
Isophorone	U	NS	U	U	U	10	5
2-Nitrophenol	U	NS	U	U	U	10	5
2,4-Dimethylphenol	U	NS	U	U	U	10	5
bis(2-Chloroethoxy)methane	U	NS	U	U	U	10	5
2,4-Dichlorophenol	U	NS	U	U	U	10	5
Naphthalene	U	NS	U	U	U	10	5
4-Chloroaniline	U	NS	U	U	U	10	5
Hexachlorobutadiene	U	NS	U	U	U	10	5
Caprolactum	U	NS	U	U	U	10	5
4-Chloro-3-methylphenol	U	NS	U	U	U	10	5
2-Methylnaphthalene	U	NS	U	U	U	10	5
Hexachlorocyclopentadiene	U	NS	U	U	U	10	5
2,4,6-Trichlorophenol	U	NS	U	U	U	10	5
2,4,5-Trichlorophenol	U	NS	U	U	U	25	5
1-1'-Biphenyl	U	NS	U	U	U	10	5
2-Chloronaphthalene	U	NS	U	U	U	10	5
2-Nitroaniline	U	NS	U	U	U	25	5
Dimethylphthalate	U	NS	U	U	U	10	5
2,6-Dinitrotoluene	U	NS	U	U	U	10	5
Acenaphthylene	U	NS	U	U	U	10	5
3-Nitroaniline	U	NS	U	U	U	25	5
Acenaphthene	U	NS	U	U	U	10	5
2,4-Dinitrophenol	U	NS	U	U	U	25	5
4-Nitrophenol	U	NS	U	U	U	25	5
Dibenzofuran	U	NS	U	U	U	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-3					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	U	NS	U	U	U	10	5
Diethylphthalate	U	NS	U	U	1.4 J	10	5
Fluorene	U	NS	U	U	U	10	5
4-Chlorophenyl-phenylether	U	NS	U	U	U	10	5
4-Nitroaniline	U	NS	U	U	U	25	5
4,6-Dinitro-2-methylphenol	U	NS	U	U	U	25	5
N-Nitrosodiphenylamine	U	NS	U	U	U	10	5
4-Bromophenyl-phenylether	U	NS	U	U	U	10	5
Hexachlorobenzene	U	NS	U	U	U	10	5
Atrazine	U	NS	U	U	U	10	5
Pentachlorophenol	U	NS	U	U	U	25	5
Phenanthrene	U	NS	U	U	U	10	5
Anthracene	U	NS	U	U	U	10	5
Carbazole	U	NS	U	U	U	10	5
Di-n-butylphthalate	U	NS	U	U	2.4 J	10	5
Fluoranthene	U	NS	U	U	U	10	5
Pyrene	U	NS	U	U	U	10	5
Butylbenzylphthalate	U	NS	U	U	U	10	5
3,3'-Dichlorobenzidine	U	NS	U	U	U	10	5
Benzo (a) anthracene	U	NS	U	U	U	10	5
Chrysene	U	NS	U	U	U	10	5
bis(2-Ethylhexyl)phthalate	2 J	NS	U	U	U	10	5
Di-octylphthalate	U	NS	U	U	U	10	5
Benzo(b)fluoranthene	U	NS	U	U	U	10	5
Benzo(k)fluoranthene	U	NS	U	U	U	10	5
Benzo(a)pyrene	U	NS	U	U	U	10	0.2
Indeno(1,2,3-cd)pyrene	U	NS	U	U	U	10	5
Dibenzo(a,h)anthracene	U	NS	U	U	U	10	5
Benzo(g,h,i)perylene	U	NS	U	U	U	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	2	0	0	0	4		
Total SVOC TICs	0	0	0	0	83.9		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-4					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	U	NS	U	U	U	10	5
Phenol	U	NS	U	U	U	10	5
bis(2-Chloroethyl)ether	U	NS	U	U	U	10	5
2-Chlorophenol	U	NS	U	U	U	10	5
2-Methylphenol	U	NS	U	U	U	10	5
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	U	10	5
Acetophenone	U	NS	U	U	U	10	5
4-Methylphenol	U	NS	U	U	U	10	5
N-Nitroso-di-n-propylamine	U	NS	U	U	U	10	5
Hexachloroethane	U	NS	U	U	U	10	5
Nitrobenzene	U	NS	U	U	U	10	5
Isophorone	U	NS	U	U	U	10	5
2-Nitrophenol	U	NS	U	U	U	10	5
2,4-Dimethylphenol	U	NS	U	U	U	10	5
bis(2-Chloroethoxy)methane	U	NS	U	U	U	10	5
2,4-Dichlorophenol	U	NS	U	U	U	10	5
Naphthalene	U	NS	U	U	U	10	5
4-Chloroaniline	U	NS	U	U	U	10	5
Hexachlorobutadiene	U	NS	U	U	U	10	5
Caprolactum	U	NS	U	U	U	10	5
4-Chloro-3-methylphenol	U	NS	U	U	U	10	5
2-Methylnaphthalene	U	NS	U	U	U	10	5
Hexachlorocyclopentadiene	U	NS	U	U	U	10	5
2,4,6-Trichlorophenol	U	NS	U	U	U	10	5
2,4,5-Trichlorophenol	U	NS	U	U	U	25	5
1-1'-Biphenyl	U	NS	U	U	U	10	5
2-Chloronaphthalene	U	NS	U	U	U	10	5
2-Nitroaniline	U	NS	U	U	U	25	5
Dimethylphthalate	U	NS	U	U	U	10	5
2,6-Dinitrotoluene	U	NS	U	U	U	10	5
Acenaphthylene	U	NS	U	U	U	10	5
3-Nitroaniline	U	NS	U	U	U	25	5
Acenaphthene	U	NS	U	U	U	10	5
2,4-Dinitrophenol	U	NS	U	U	U	25	5
4-Nitrophenol	U	NS	U	U	U	25	5
Dibenzofuran	U	NS	U	U	U	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-4					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	U	NS	U	U	U	10	5
Diethylphthalate	U	NS	U	U	1.4 J	10	5
Fluorene	U	NS	U	U	U	10	5
4-Chlorophenyl-phenylether	U	NS	U	U	U	10	5
4-Nitroaniline	U	NS	U	U	U	25	5
4,6-Dinitro-2-methylphenol	U	NS	U	U	U	25	5
N-Nitrosodiphenylamine	U	NS	U	U	U	10	5
4-Bromophenyl-phenylether	U	NS	U	U	U	10	5
Hexachlorobenzene	U	NS	U	U	U	10	5
Atrazine	U	NS	U	U	U	10	5
Pentachlorophenol	U	NS	U	U	U	25	5
Phenanthrene	U	NS	U	U	U	10	5
Anthracene	U	NS	U	U	U	10	5
Carbazole	U	NS	U	U	U	10	5
Di-n-butylphthalate	U	NS	U	U	2.1 J	10	5
Fluoranthene	U	NS	U	U	U	10	5
Pyrene	U	NS	U	U	U	10	5
Butylbenzylphthalate	U	NS	U	U	U	10	5
3,3'-Dichlorobenzidine	U	NS	U	U	U	10	5
Benzo (a) anthracene	U	NS	U	U	U	10	5
Chrysene	U	NS	U	U	U	10	5
bis(2-Ethylhexyl)phthalate	U	NS	U	U	U	10	5
Di-octylphthalate	U	NS	U	U	U	10	5
Benzo(b)fluoranthene	U	NS	U	U	U	10	5
Benzo(k)fluoranthene	U	NS	U	U	U	10	5
Benzo(a)pyrene	U	NS	U	U	U	10	0.2
Indeno(1,2,3-cd)pyrene	U	NS	U	U	U	10	5
Dibenzo(a,h)anthracene	U	NS	U	U	U	10	5
Benzo(g,h,i)perylene	U	NS	U	U	U	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	4		
Total SVOC TICs	0	0	0	0	69.1		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-5					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	U	NS	U	U	NS	10	5
Phenol	U	NS	U	U	NS	10	5
bis(2-Chloroethyl)ether	U	NS	U	U	NS	10	5
2-Chlorophenol	U	NS	U	U	NS	10	5
2-Methylphenol	U	NS	U	U	NS	10	5
2,2-Oxybis (1-Chloropropane)	U	NS	U	U	NS	10	5
Acetophenone	U	NS	U	U	NS	10	5
4-Methylphenol	U	NS	U	U	NS	10	5
N-Nitroso-di-n-propylamine	U	NS	U	U	NS	10	5
Hexachloroethane	U	NS	U	U	NS	10	5
Nitrobenzene	U	NS	U	U	NS	10	5
Isophorone	U	NS	U	U	NS	10	5
2-Nitrophenol	U	NS	U	U	NS	10	5
2,4-Dimethylphenol	U	NS	U	U	NS	10	5
bis(2-Chloroethoxy)methane	U	NS	U	U	NS	10	5
2,4-Dichlorophenol	U	NS	U	U	NS	10	5
Naphthalene	U	NS	U	U	NS	10	5
4-Chloroaniline	U	NS	U	U	NS	10	5
Hexachlorobutadiene	U	NS	U	U	NS	10	5
Caprolactum	U	NS	U	U	NS	10	5
4-Chloro-3-methylphenol	U	NS	U	U	NS	10	5
2-Methylnaphthalene	U	NS	U	U	NS	10	5
Hexachlorocyclopentadiene	U	NS	U	U	NS	10	5
2,4,6-Trichlorophenol	U	NS	U	U	NS	10	5
2,4,5-Trichlorophenol	U	NS	U	U	NS	25	5
1-1'-Biphenyl	U	NS	U	U	NS	10	5
2-Chloronaphthalene	U	NS	U	U	NS	10	5
2-Nitroaniline	U	NS	U	U	NS	25	5
Dimethylphthalate	U	NS	U	U	NS	10	5
2,6-Dinitrotoluene	U	NS	U	U	NS	10	5
Acenaphthylene	U	NS	U	U	NS	10	5
3-Nitroaniline	U	NS	U	U	NS	25	5
Acenaphthene	U	NS	U	U	NS	10	5
2,4-Dinitrophenol	U	NS	U	U	NS	25	5
4-Nitrophenol	U	NS	U	U	NS	25	5
Dibenzofuran	U	NS	U	U	NS	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-5					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	U	NS	U	U	NS	10	5
Diethylphthalate	U	NS	U	U	NS	10	5
Fluorene	U	NS	U	U	NS	10	5
4-Chlorophenyl-phenylether	U	NS	U	U	NS	10	5
4-Nitroaniline	U	NS	U	U	NS	25	5
4,6-Dinitro-2-methylphenol	U	NS	U	U	NS	25	5
N-Nitrosodiphenylamine	U	NS	U	U	NS	10	5
4-Bromophenyl-phenylether	U	NS	U	U	NS	10	5
Hexachlorobenzene	U	NS	U	U	NS	10	5
Atrazine	U	NS	U	U	NS	10	5
Pentachlorophenol	U	NS	U	U	NS	25	5
Phenanthrene	U	NS	U	U	NS	10	5
Anthracene	U	NS	U	U	NS	10	5
Carbazole	U	NS	U	U	NS	10	5
Di-n-butylphthalate	U	NS	U	U	NS	10	5
Fluoranthene	U	NS	U	U	NS	10	5
Pyrene	U	NS	U	U	NS	10	5
Butylbenzylphthalate	U	NS	U	U	NS	10	5
3,3'-Dichlorobenzidine	U	NS	U	U	NS	10	5
Benzo (a) anthracene	U	NS	U	U	NS	10	5
Chrysene	U	NS	U	U	NS	10	5
bis(2-Ethylhexyl)phthalate	U	NS	U	U	NS	10	5
Di-octylphthalate	U	NS	U	U	NS	10	5
Benzo(b)fluoranthene	U	NS	U	U	NS	10	5
Benzo(k)fluoranthene	U	NS	U	U	NS	10	5
Benzo(a)pyrene	U	NS	U	U	NS	10	0.2
Indeno(1,2,3-cd)pyrene	U	NS	U	U	NS	10	5
Dibenzo(a,h)anthracene	U	NS	U	U	NS	10	5
Benzo(g,h,i)perylene	U	NS	U	U	NS	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	0		
Total SVOC TICs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-6					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	NS	NS	NS	U	U	10	5
Phenol	NS	NS	NS	U	U	10	5
bis(2-Chloroethyl)ether	NS	NS	NS	U	U	10	5
2-Chlorophenol	NS	NS	NS	U	U	10	5
2-Methylphenol	NS	NS	NS	U	U	10	5
2,2-Oxybis (1-Chloropropane)	NS	NS	NS	U	U	10	5
Acetophenone	NS	NS	NS	U	U	10	5
4-Methylphenol	NS	NS	NS	U	U	10	5
N-Nitroso-di-n-propylamine	NS	NS	NS	U	U	10	5
Hexachloroethane	NS	NS	NS	U	U	10	5
Nitrobenzene	NS	NS	NS	U	U	10	5
Isophorone	NS	NS	NS	U	U	10	5
2-Nitrophenol	NS	NS	NS	U	U	10	5
2,4-Dimethylphenol	NS	NS	NS	U	U	10	5
bis(2-Chloroethoxy)methane	NS	NS	NS	U	U	10	5
2,4-Dichlorophenol	NS	NS	NS	U	U	10	5
Naphthalene	NS	NS	NS	U	U	10	5
4-Chloroaniline	NS	NS	NS	U	U	10	5
Hexachlorobutadiene	NS	NS	NS	U	U	10	5
Caprolactum	NS	NS	NS	U	U	10	5
4-Chloro-3-methylphenol	NS	NS	NS	U	U	10	5
2-Methylnaphthalene	NS	NS	NS	U	U	10	5
Hexachlorocyclopentadiene	NS	NS	NS	U	U	10	5
2,4,6-Trichlorophenol	NS	NS	NS	U	U	10	5
2,4,5-Trichlorophenol	NS	NS	NS	U	U	25	5
1-1'-Biphenyl	NS	NS	NS	U	U	10	5
2-Chloronaphthalene	NS	NS	NS	U	U	10	5
2-Nitroaniline	NS	NS	NS	U	U	25	5
Dimethylphthalate	NS	NS	NS	U	U	10	5
2,6-Dinitrotoluene	NS	NS	NS	U	U	10	5
Acenaphthylene	NS	NS	NS	U	U	10	5
3-Nitroaniline	NS	NS	NS	U	U	25	5
Acenaphthene	NS	NS	NS	U	U	10	5
2,4-Dinitrophenol	NS	NS	NS	U	U	25	5
4-Nitrophenol	NS	NS	NS	U	U	25	5
Dibenzofuran	NS	NS	NS	U	U	10	5

TABLE 2b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	WSW-6					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
2,4-Dinitrotoluene	NS	NS	NS	U	U	10	5
Diethylphthalate	NS	NS	NS	U	U	10	5
Fluorene	NS	NS	NS	U	U	10	5
4-Chlorophenyl-phenylether	NS	NS	NS	U	U	10	5
4-Nitroaniline	NS	NS	NS	U	U	25	5
4,6-Dinitro-2-methylphenol	NS	NS	NS	U	U	25	5
N-Nitrosodiphenylamine	NS	NS	NS	U	U	10	5
4-Bromophenyl-phenylether	NS	NS	NS	U	U	10	5
Hexachlorobenzene	NS	NS	NS	U	U	10	5
Atrazine	NS	NS	NS	U	U	10	5
Pentachlorophenol	NS	NS	NS	U	U	25	5
Phenanthrene	NS	NS	NS	U	U	10	5
Anthracene	NS	NS	NS	U	U	10	5
Carbazole	NS	NS	NS	U	U	10	5
Di-n-butylphthalate	NS	NS	NS	U	1.2 J	10	5
Fluoranthene	NS	NS	NS	U	U	10	5
Pyrene	NS	NS	NS	U	U	10	5
Butylbenzylphthalate	NS	NS	NS	U	U	10	5
3,3'-Dichlorobenzidine	NS	NS	NS	U	U	10	5
Benzo (a) anthracene	NS	NS	NS	U	U	10	5
Chrysene	NS	NS	NS	U	U	10	5
bis(2-Ethylhexyl)phthalate	NS	NS	NS	U	U	10	5
Di-octylphthalate	NS	NS	NS	U	U	10	5
Benzo(b)fluoranthene	NS	NS	NS	U	U	10	5
Benzo(k)fluoranthene	NS	NS	NS	U	U	10	5
Benzo(a)pyrene	NS	NS	NS	U	U	10	0.2
Indeno(1,2,3-cd)pyrene	NS	NS	NS	U	U	10	5
Dibenzo(a,h)anthracene	NS	NS	NS	U	U	10	5
Benzo(g,h,i)perylene	NS	NS	NS	U	U	10	5
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	1		
Total SVOC TICs	0	0	0	0	33.5		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-1					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	NS	0.05	---
beta-BHC	U	NS	U	U	NS	0.05	---
delta-BHC	U	NS	U	U	NS	0.05	---
gamma-BHC (Lindane)	U	NS	U	U	NS	0.05	0.2
Heptachlor	U	NS	U	U	NS	0.05	0.4
Aldrin	U	NS	U	U	NS	0.05	---
Heptachlor Epoxide	U	NS	U	U	NS	0.05	0.2
Endosulfan I	U	NS	U	U	NS	0.05	---
Dieldrin	U	NS	U	U	NS	0.10	---
4,4'-DDE	U	NS	U	U	NS	0.10	---
Endrin	U	NS	U	U	NS	0.10	2.0
Endosulfan II	U	NS	U	U	NS	0.10	---
4,4'-DDD	U	NS	U	U	NS	0.10	---
Endosulfan Sulfate	U	NS	U	U	NS	0.10	---
4,4'-DDT	U	NS	U	U	NS	0.10	---
Methoxychlor	U	NS	U	U	NS	0.50	40
Endrin Ketone	U	NS	U	U	NS	0.10	---
Endrin Aldehyde	U	NS	U	U	NS	0.10	---
alpha-Chlordane	U	NS	U	U	NS	0.05	---
gamma-Chlordane	U	NS	U	U	NS	0.05	---
Toxaphene	U	NS	U	U	NS	5.0	3.0
Aroclor-1016	U	U	U	U	NS	1.0	0.5
Aroclor-1221	U	U	U	U	NS	2.0	0.5
Aroclor-1232	U	U	U	U	NS	1.0	0.5
Aroclor-1242	U	U	U	U	NS	1.0	0.5
Aroclor-1248	U	U	U	U	NS	1.0	0.5
Aroclor-1254	U	U	U	U	NS	1.0	0.5
Aroclor-1260	U	U	U	U	NS	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-2					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	U	0.05	---
beta-BHC	U	NS	U	U	U	0.05	---
delta-BHC	U	NS	U	U	U	0.05	---
gamma-BHC (Lindane)	U	NS	U	U	U	0.05	0.2
Heptachlor	U	NS	U	U	U	0.05	0.4
Aldrin	U	NS	U	U	U	0.05	---
Heptachlor Epoxide	U	NS	U	U	U	0.05	0.2
Endosulfan I	U	NS	U	U	U	0.05	---
Dieldrin	U	NS	U	U	U	0.10	---
4,4'-DDE	U	NS	U	U	U	0.10	---
Endrin	U	NS	U	U	U	0.10	2.0
Endosulfan II	U	NS	U	U	U	0.10	---
4,4'-DDD	U	NS	U	U	U	0.10	---
Endosulfan Sulfate	U	NS	U	U	U	0.10	---
4,4'-DDT	U	NS	U	U	U	0.10	---
Methoxychlor	U	NS	U	U	U	0.50	40
Endrin Ketone	U	NS	U	U	U	0.10	---
Endrin Aldehyde	U	NS	U	U	U	0.10	---
alpha-Chlordane	U	NS	U	U	U	0.05	---
gamma-Chlordane	U	NS	U	U	U	0.05	---
Toxaphene	U	NS	U	U	U	5.0	3.0
Aroclor-1016	U	U	U	U	U	1.0	0.5
Aroclor-1221	U	U	U	U	U	2.0	0.5
Aroclor-1232	U	U	U	U	U	1.0	0.5
Aroclor-1242	U	U	U	U	U	1.0	0.5
Aroclor-1248	U	U	U	U	U	1.0	0.5
Aroclor-1254	U	U	U	U	U	1.0	0.5
Aroclor-1260	U	U	U	U	U	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-3					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	U	0.05	---
beta-BHC	U	NS	U	U	U	0.05	---
delta-BHC	U	NS	U	U	U	0.05	---
gamma-BHC (Lindane)	U	NS	U	U	U	0.05	0.2
Heptachlor	U	NS	U	U	U	0.05	0.4
Aldrin	U	NS	U	U	U	0.05	---
Heptachlor Epoxide	U	NS	U	U	U	0.05	0.2
Endosulfan I	U	NS	U	U	U	0.05	---
Dieldrin	U	NS	U	U	U	0.10	---
4,4'-DDE	U	NS	U	U	U	0.10	---
Endrin	U	NS	U	U	U	0.10	2.0
Endosulfan II	U	NS	U	U	U	0.10	---
4,4'-DDD	U	NS	U	U	U	0.10	---
Endosulfan Sulfate	U	NS	U	U	U	0.10	---
4,4'-DDT	U	NS	U	U	U	0.10	---
Methoxychlor	U	NS	U	U	U	0.50	40
Endrin Ketone	U	NS	U	U	U	0.10	---
Endrin Aldehyde	U	NS	U	U	U	0.10	---
alpha-Chlordane	U	NS	U	U	U	0.05	---
gamma-Chlordane	U	NS	U	U	U	0.05	---
Toxaphene	U	NS	U	U	U	5.0	3.0
Aroclor-1016	U	U	U	U	U	1.0	0.5
Aroclor-1221	U	U	U	U	U	2.0	0.5
Aroclor-1232	U	U	U	U	U	1.0	0.5
Aroclor-1242	U	U	U	U	U	1.0	0.5
Aroclor-1248	U	U	U	U	U	1.0	0.5
Aroclor-1254	U	U	U	U	U	1.0	0.5
Aroclor-1260	U	U	U	U	U	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-4					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	U	0.05	---
beta-BHC	U	NS	U	U	U	0.05	---
delta-BHC	U	NS	U	U	U	0.05	---
gamma-BHC (Lindane)	U	NS	U	U	U	0.05	0.2
Heptachlor	U	NS	U	U	U	0.05	0.4
Aldrin	U	NS	U	U	U	0.05	---
Heptachlor Epoxide	U	NS	U	U	U	0.05	0.2
Endosulfan I	U	NS	U	U	U	0.05	---
Dieldrin	U	NS	U	U	U	0.10	---
4,4'-DDE	U	NS	U	U	U	0.10	---
Endrin	U	NS	U	U	U	0.10	2.0
Endosulfan II	U	NS	U	U	U	0.10	---
4,4'-DDD	U	NS	U	U	U	0.10	---
Endosulfan Sulfate	U	NS	U	U	U	0.10	---
4,4'-DDT	U	NS	U	U	U	0.10	---
Methoxychlor	U	NS	U	U	U	0.50	40
Endrin Ketone	U	NS	U	U	U	0.10	---
Endrin Aldehyde	U	NS	U	U	U	0.10	---
alpha-Chlordane	U	NS	U	U	U	0.05	---
gamma-Chlordane	U	NS	U	U	U	0.05	---
Toxaphene	U	NS	U	U	U	5.0	3.0
Aroclor-1016	U	U	U	U	U	1.0	0.5
Aroclor-1221	U	U	U	U	U	2.0	0.5
Aroclor-1232	U	U	U	U	U	1.0	0.5
Aroclor-1242	U	U	U	U	U	1.0	0.5
Aroclor-1248	U	U	U	U	U	1.0	0.5
Aroclor-1254	U	U	U	U	U	1.0	0.5
Aroclor-1260	U	U	U	U	U	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-5					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	U	NS	U	U	NS	0.05	---
beta-BHC	U	NS	U	U	NS	0.05	---
delta-BHC	U	NS	U	U	NS	0.05	---
gamma-BHC (Lindane)	U	NS	U	U	NS	0.05	0.2
Heptachlor	U	NS	U	U	NS	0.05	0.4
Aldrin	U	NS	U	U	NS	0.05	---
Heptachlor Epoxide	U	NS	U	U	NS	0.05	0.2
Endosulfan I	U	NS	U	U	NS	0.05	---
Dieldrin	U	NS	U	U	NS	0.10	---
4,4'-DDE	U	NS	U	U	NS	0.10	---
Endrin	U	NS	U	U	NS	0.10	2.0
Endosulfan II	U	NS	U	U	NS	0.10	---
4,4'-DDD	U	NS	U	U	NS	0.10	---
Endosulfan Sulfate	U	NS	U	U	NS	0.10	---
4,4'-DDT	U	NS	U	U	NS	0.10	---
Methoxychlor	U	NS	U	U	NS	0.50	40
Endrin Ketone	U	NS	U	U	NS	0.10	---
Endrin Aldehyde	U	NS	U	U	NS	0.10	---
alpha-Chlordane	U	NS	U	U	NS	0.05	---
gamma-Chlordane	U	NS	U	U	NS	0.05	---
Toxaphene	U	NS	U	U	NS	5.0	3.0
Aroclor-1016	U	U	U	U	NS	1.0	0.5
Aroclor-1221	U	U	U	U	NS	2.0	0.5
Aroclor-1232	U	U	U	U	NS	1.0	0.5
Aroclor-1242	U	U	U	U	NS	1.0	0.5
Aroclor-1248	U	U	U	U	NS	1.0	0.5
Aroclor-1254	U	U	U	U	NS	1.0	0.5
Aroclor-1260	U	U	U	U	NS	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	WSW-6					Contract Required Detection Limit	NYSDOH Drinking Water Maximum Contaminant Level
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	NS	NS	NS	U	U	0.05	---
beta-BHC	NS	NS	NS	U	U	0.05	---
delta-BHC	NS	NS	NS	U	U	0.05	---
gamma-BHC (Lindane)	NS	NS	NS	U	U	0.05	0.2
Heptachlor	NS	NS	NS	U	U	0.05	0.4
Aldrin	NS	NS	NS	U	U	0.05	---
Heptachlor Epoxide	NS	NS	NS	U	U	0.05	0.2
Endosulfan I	NS	NS	NS	U	U	0.05	---
Dieldrin	NS	NS	NS	U	U	0.10	---
4,4'-DDE	NS	NS	NS	U	U	0.10	---
Endrin	NS	NS	NS	U	U	0.10	2.0
Endosulfan II	NS	NS	NS	U	U	0.10	---
4,4'-DDD	NS	NS	NS	U	U	0.10	---
Endosulfan Sulfate	NS	NS	NS	U	U	0.10	---
4,4'-DDT	NS	NS	NS	U	U	0.10	---
Methoxychlor	NS	NS	NS	U	U	0.50	40
Endrin Ketone	NS	NS	NS	U	U	0.10	---
Endrin Aldehyde	NS	NS	NS	U	U	0.10	---
alpha-Chlordane	NS	NS	NS	U	U	0.05	---
gamma-Chlordane	NS	NS	NS	U	U	0.05	---
Toxaphene	NS	NS	NS	U	U	5.0	3.0
Aroclor-1016	NS	NS	NS	U	U	1.0	0.5
Aroclor-1221	NS	NS	NS	U	U	2.0	0.5
Aroclor-1232	NS	NS	NS	U	U	1.0	0.5
Aroclor-1242	NS	NS	NS	U	U	1.0	0.5
Aroclor-1248	NS	NS	NS	U	U	1.0	0.5
Aroclor-1254	NS	NS	NS	U	U	1.0	0.5
Aroclor-1260	NS	NS	NS	U	U	1.0	0.5
Total PCBs	0.0	0.0	0.0	0.0	0.0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
----: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 2d.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-1					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	U	U	U	U	NS	9	---
Antimony	U	U	U	U	NS	4	6
Arsenic	U	U	U	U	NS	2	50
Barium	19.9 B	16	17.1 B	67.7 B	NS	2	2,000
Beryllium	U	U	U	U	NS	0.2	4
Cadmium	U	U	U	U	NS	0.2	5
Calcium	40,200	45000	38,700	26600	NS	234	---
Chromium	0.83 B	U	0.27 B	U	NS	0.6	100
Cobalt	0.69 B	U	U	1.1 B	NS	0.7	---
Copper	31.7	14	10.1 B	3.7 B	NS	5	---
Iron	**543 E**	**760**	**651**	**591**	NS	2	300^
Lead	U	U	U	U	NS	2	---
Magnesium	7,060	7400	6,980	8540	NS	2	---
Manganese	284	**380**	**324**	**1100**	NS	0.9	300^
Mercury	U	U	0.79 B	U	NS	0.1	2
Nickel	0.43 B	2.1	545 B	U	NS	0.9	---
Potassium	669 B	U	U	738 B	NS	320	---
Selenium	6.5	U	U	U	NS	3	50
Silver	U	U	18,900	U	NS	2	100
Sodium	21,700 E	22000	U	9770	NS	132	---^^
Thallium	U	U	U	U	NS	2	2
Vanadium	U	U	15.3 B	U	NS	0.6	---
Zinc	16.4 B	12	U	16.4 B	NS	2	5,000
Cyanide	U	U	97.0	U	NS	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 2d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-2					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	U	1.5	U	U	U	9	---
Antimony	U	U	2.2 B	U	U	4	6
Arsenic	U	1.9	U	U	U	2	50
Barium	18.0 B	14	9.8 B	1.3 B	1.5 B	2	2,000
Beryllium	U	U	U	U	U	0.2	4
Cadmium	U	U	U	U	U	0.2	5
Calcium	30,200	30000	19,400	7980	9,620	234	---
Chromium	0.52 B	U	U	U	U	0.6	100
Cobalt	0.72 B	U	U	U	U	0.7	---
Copper	7.5 B	8	6.2 B	4.7 B	U	5	---
Iron	189 E	150	**1,880**	**657**	**1370**	2	300^
Lead	U	1	U	U	U	2	---
Magnesium	4,940 B	4400	3,580 B	2640	2,950	2	---
Manganese	**369**	**380**	157	**45.9 B**	62.1	0.9	300^
Mercury	U	U	U	U	U	0.1	2
Nickel	U	1.2	431 B	U	U	0.9	---
Potassium	420 B	U	U	422 B	504 B	320	---
Selenium	7.4	U	U	U	U	3	50
Silver	U	U	11,000	U	U	2	100
Sodium	8,950 E	8600	U	10100	10,300	132	---^^
Thallium	U	U	U	U	U	2	2
Vanadium	U	U	4.5 B	U	U	0.6	---
Zinc	U	4.2	U	13 B	U	2	5,000
Cyanide	U	U	3.5 B	U	U	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 2d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-3					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	U	5.4	31 B	U	U	9	---
Antimony	U	U	U	U	U	4	6
Arsenic	U	U	U	U	U	2	50
Barium	34.4 B	27	40.1 B	14.9 B	21 B	2	2,000
Beryllium	U	U	U	U	U	0.2	4
Cadmium	0.51 B	U	U	U	U	0.2	5
Calcium	22,200	22000	35,000	16800	19,200	234	---
Chromium	1.4 B	U	0.28 B	U	U	0.6	100
Cobalt	1.4 B	U	0.64 B	U	U	0.7	---
Copper	72.6	46	17.7 B	30.9	54.4	5	---
Iron	**7,820 E**	**4600**	**4,860**	**13400**	**29400**	2	300^
Lead	6.0	3.1	4.5	5.1 B	17.8	2	---
Magnesium	6,020	5400	10,200	2890	3,530	2	---
Manganese	91.2	62	196	95.2	132	0.9	300^
Mercury	U	U	3 B	U	U	0.1	2
Nickel	3.0 B	2.6	2,010 B	U	2.1 B	0.9	---
Potassium	1,450 B	1300	U	1650	1,720	320	---
Selenium	5.7	U	U	U	U	3	50
Silver	U	U	12,200	U	U	2	100
Sodium	8,270 E	7700	U	11900	12,500	132	---^^
Thallium	U	U	U	U	U	2	2
Vanadium	U	U	4.7 B	U	U	0.6	---
Zinc	124	23	U	13.8 B	11.9 B	2	5,000
Cyanide	3.6 B	U	U	U	U	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 2d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-4					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	U	1.5	U	U	U	9	---
Antimony	U	U	3.4 B	U	U	4	6
Arsenic	U	U	U	U	U	2	50
Barium	6.0 B	U	35.4 B	6 B	5.8 B	2	2,000
Beryllium	U	U	U	U	U	0.2	4
Cadmium	U	U	U	U	U	0.2	5
Calcium	876 B	U	31,700	10700	11,200	234	---
Chromium	1.9 B	U	0.25 B	U	U	0.6	100
Cobalt	U	U	U	U	U	0.7	---
Copper	48.5	53	128	U	U	5	---
Iron	51.6 B	U	19.6 B	**2610**	**3000**	2	300^
Lead	U	1.2	U	9 B	U	2	---
Magnesium	167 B	U	6,250	4480	4,540	2	---
Manganese	2.8 B	1.6	4.5 B	76.8	29.2 B	0.9	300^
Mercury	U	U	1.1 B	U	U	0.1	2
Nickel	0.51 B	U	2,220 B	U	U	0.9	---
Potassium	U	U	U	3690	3,520	320	---
Selenium	U	U	U	U	U	3	50
Silver	U	U	9,970	U	U	2	100
Sodium	31,500	19000	U	9480	9,870	132	---^^
Thallium	U	U	U	U	U	2	2
Vanadium	U	U	60.5	U	U	0.6	---
Zinc	19.2 B	29	U	16.1 B	U	2	5,000
Cyanide	27.8	U	U	U	U	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 2d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-5					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	U	1.3	U	U	NS	9	---
Antimony	U	U	2.1 B	U	NS	4	6
Arsenic	U	U	3.7 B	U	NS	2	50
Barium	52.6 B	47	52.8 B	U	NS	2	2,000
Beryllium	U	U	U	U	NS	0.2	4
Cadmium	U	U	U	U	NS	0.2	5
Calcium	36,000	37000	36,800	U	NS	234	---
Chromium	0.62 B	U	U	U	NS	0.6	100
Cobalt	0.83 B	U	U	U	NS	0.7	---
Copper	8.2 B	13	18.3 B	24.1 B	NS	5	---
Iron	**404 E**	**400**	**539**	U	NS	2	300^
Lead	2.1 B	2.2	U	U	NS	2	---
Magnesium	11,200	11000	11,700	102 B	NS	2	---
Manganese	**175**	190	186	U	NS	0.9	300^
Mercury	U	U	U	U	NS	0.1	2
Nickel	0.60 B	1.4	562 B	U	NS	0.9	---
Potassium	624 B	U	U	637 B	NS	320	---
Selenium	6.3	U	U	U	NS	3	50
Silver	U	U	31,100	U	NS	2	100
Sodium	27,600 E	29000	U	43300	NS	132	---^^
Thallium	U	U	U	U	NS	2	2
Vanadium	U	1.2	149	U	NS	0.6	---
Zinc	148	110	U	18.7 B	NS	2	5,000
Cyanide	U	U	6.5 B	U	NS	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 2d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
WATER SUPPLY WELL SAMPLE RESULTS
INORGANIC PARAMETERS - UNFILTERED

Sample Identification	WSW-6					Instrument	NYSDOH Drinking Water
Date of Collection	Nov-01	May-02	Mar-05	Jun-11	Dec-11	Detection	Maximum
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Contaminant Level
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	NS	NS	NS	U	U	9	---
Antimony	NS	NS	NS	U	U	4	6
Arsenic	NS	NS	NS	U	U	2	50
Barium	NS	NS	NS	10.1 B	1.9 B	2	2,000
Beryllium	NS	NS	NS	U	U	0.2	4
Cadmium	NS	NS	NS	U	U	0.2	5
Calcium	NS	NS	NS	15500	1,460	234	---
Chromium	NS	NS	NS	U	U	0.6	100
Cobalt	NS	NS	NS	U	U	0.7	---
Copper	NS	NS	NS	31.7	26.4 B	5	---
Iron	NS	NS	NS	U	48.6 B	2	300^
Lead	NS	NS	NS	U	U	2	---
Magnesium	NS	NS	NS	2800	304 B	2	---
Manganese	NS	NS	NS	201	**342**	0.9	300^
Mercury	NS	NS	NS	U	U	0.1	2
Nickel	NS	NS	NS	1.8 B	4.80 B	0.9	---
Potassium	NS	NS	NS	2320	1,630	320	---
Selenium	NS	NS	NS	U	U	3	50
Silver	NS	NS	NS	U	U	2	100
Sodium	NS	NS	NS	5780	41,900	132	---^^
Thallium	NS	NS	NS	U	U	2	2
Vanadium	NS	NS	NS	U	U	0.6	---
Zinc	NS	NS	NS	62.1	44.9 B	2	5,000
Cyanide	NS	NS	NS	U	U	2	200

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
--- no designated limit
^: The combined standard for iron and manganese is 500 ug/l
^^ - Water with > 20,000 ug/l should not be consumed by people with severley restricted sodium diets

Indicates value exceeds standard or guidance value.

TABLE 3a.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-1					Contract Required Detection Limit	NYSDEC Class C Surface Water Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	NS	NS	U	NS	U	10	---
Chloromethane	NS	NS	U	NS	U	10	---
Vinyl Chloride	NS	NS	U	NS	U	10	---
Bromomethane	NS	NS	U	NS	U	10	---
Chloroethane	NS	NS	U	NS	U	10	---
Trichlorofluoromethane	NS	NS	U	NS	U	10	---
1,1-Dichloroethene	NS	NS	U	NS	U	10	---
1,1,2-trichloro-1,2,2-trifluoroethane	NS	NS	U	NS	U	10	---
Acetone	NS	NS	U	NS	U	10	---
Carbon Disulfide	NS	NS	U	NS	U	10	---
Methyl Acetate	NS	NS	U	NS	U	10	---
Methylene Chloride	NS	NS	U	NS	U	10	200 ST
trans-1,2-dichloroethane	NS	NS	U	NS	U	10	---
Methyl tert-Butyl Ether	NS	NS	U	NS	U	10	---
1,1-Dichloroethane	NS	NS	U	NS	U	10	---
cis-1,2-Dichloroethene	NS	NS	U	NS	U	10	---
2-Butanone	NS	NS	U	NS	U	10	---
Chloroform	NS	NS	U	NS	U	10	---
1,1,1-Trichloroethane	NS	NS	U	NS	U	10	---
Cyclohexane	NS	NS	U	NS	U	10	---
Carbon Tetrachloride	NS	NS	U	NS	U	10	---
Benzene	NS	NS	U	NS	U	10	10 ST
1,2-Dichloroethane	NS	NS	U	NS	U	10	---
Trichloroethene	NS	NS	U	NS	U	10	40 ST
Methylcyclohexane	NS	NS	U	NS	U	10	---
1,2-Dichloropropane	NS	NS	U	NS	U	10	---
Bromodichloromethane	NS	NS	U	NS	U	10	---
cis-1,3-Dichloropropene	NS	NS	U	NS	U	10	---
4-Methyl-2-Pentanone	NS	NS	U	NS	U	10	---
Toluene	NS	NS	U	NS	U	10	100 GV
trans-1,3-Dichloropropene	NS	NS	U	NS	U	10	---
1,1,2-Trichloroethane	NS	NS	U	NS	U	10	---
Tetrachloroethene	NS	NS	U	NS	U	10	1 GV
2-Hexanone	NS	NS	U	NS	U	10	---
Dibromochloromethane	NS	NS	U	NS	U	10	---
1,2-Dibromoethane	NS	NS	U	NS	U	10	---
Chlorobenzene	NS	NS	U	NS	U	10	5 ST
Ethylbenzene	NS	NS	U	NS	U	10	17 GV
Total Xylenes	NS	NS	U	NS	U	10	65 GV *
Styrene	NS	NS	U	NS	U	10	---
Bromoform	NS	NS	U	NS	U	10	---
Isopropylbenzene	NS	NS	U	NS	U	10	2.6 GV
1,1,2,2-Tetrachloroethane	NS	NS	U	NS	U	10	---
1,3-Dichlorobenzene	NS	NS	U	NS	U	10	5 ST*
1,4-Dichlorobenzene	NS	NS	U	NS	U	10	5 ST*
1,2-Dichlorobenzene	NS	NS	U	NS	U	10	5 ST*
1,2-Dibromo-3-chloropropane	NS	NS	U	NS	U	10	---
1,2,4-Trichlorobenzene	NS	NS	U	NS	U	10	5 ST
Total VOCs	0	0	0	0	0		----
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*: Value pertains to the sum of isomers.

GV: Guidance Value

ST: Standard

---: Not established

NS: Not sampled for this analyte

TABLE 3a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-2					Contract Required Detection Limit	NYSDEC Class C Surface Water Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	NS	NS	U	U	U	10	---
Chloromethane	NS	NS	U	U	U	10	---
Vinyl Chloride	NS	NS	U	U	U	10	---
Bromomethane	NS	NS	U	U	U	10	---
Chloroethane	NS	NS	U	U	U	10	---
Trichlorofluoromethane	NS	NS	U	U	U	10	---
1,1-Dichloroethene	NS	NS	U	U	U	10	---
1,1,2-trichloro-1,2,2-trifluoroethane	NS	NS	U	U	U	10	---
Acetone	NS	NS	U	U	U	10	---
Carbon Disulfide	NS	NS	U	U	U	10	---
Methyl Acetate	NS	NS	U	U	U	10	---
Methylene Chloride	NS	NS	U	U	U	10	200 ST
trans-1,2-dichloroethane	NS	NS	U	U	U	10	---
Methyl tert-Butyl Ether	NS	NS	U	U	U	10	---
1,1-Dichloroethane	NS	NS	U	U	U	10	---
cis-1,2-Dichloroethene	NS	NS	U	U	U	10	---
2-Butanone	NS	NS	U	U	U	10	---
Chloroform	NS	NS	U	U	U	10	---
1,1,1-Trichloroethane	NS	NS	U	U	U	10	---
Cyclohexane	NS	NS	U	U	U	10	---
Carbon Tetrachloride	NS	NS	U	U	U	10	---
Benzene	NS	NS	U	U	U	10	10 ST
1,2-Dichloroethane	NS	NS	U	U	U	10	---
Trichloroethene	NS	NS	U	U	U	10	40 ST
Methylcyclohexane	NS	NS	U	U	U	10	---
1,2-Dichloropropane	NS	NS	U	U	U	10	---
Bromodichloromethane	NS	NS	U	U	U	10	---
cis-1,3-Dichloropropene	NS	NS	U	U	U	10	---
4-Methyl-2-Pentanone	NS	NS	U	U	U	10	---
Toluene	NS	NS	U	U	U	10	100 GV
trans-1,3-Dichloropropene	NS	NS	U	U	U	10	---
1,1,2-Trichloroethane	NS	NS	U	U	U	10	---
Tetrachloroethene	NS	NS	U	U	U	10	1 GV
2-Hexanone	NS	NS	U	U	U	10	---
Dibromochloromethane	NS	NS	U	U	U	10	---
1,2-Dibromoethane	NS	NS	U	U	U	10	---
Chlorobenzene	NS	NS	U	U	U	10	5 ST
Ethylbenzene	NS	NS	U	U	U	10	17 GV
Total Xylenes	NS	NS	U	U	U	10	65 GV *
Styrene	NS	NS	U	U	U	10	---
Bromoform	NS	NS	U	U	U	10	---
Isopropylbenzene	NS	NS	U	U	U	10	2.6 GV
1,1,2,2-Tetrachloroethane	NS	NS	U	U	U	10	---
1,3-Dichlorobenzene	NS	NS	U	U	U	10	5 ST*
1,4-Dichlorobenzene	NS	NS	U	U	U	10	5 ST*
1,2-Dichlorobenzene	NS	NS	U	U	U	10	5 ST*
1,2-Dibromo-3-chloropropane	NS	NS	U	U	U	10	---
1,2,4-Trichlorobenzene	NS	NS	U	U	U	10	5 ST
Total VOCs	0	0	0	0	0		----
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*: Value pertains to the sum of isomers.

GV: Guidance Value

ST: Standard

---: Not established

NS: Not sampled for this analyte

TABLE 3a. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-3					Contract Required Detection Limit	NYSDEC Class C Surface Water Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Dichlorodifluoromethane	NS	U	U	U	U	10	---
Chloromethane	NS	U	U	U	U	10	---
Vinyl Chloride	NS	U	U	U	U	10	---
Bromomethane	NS	U	U	U	U	10	---
Chloroethane	NS	U	U	U	U	10	---
Trichlorofluoromethane	NS	U	U	U	U	10	---
1,1-Dichloroethene	NS	U	U	U	U	10	---
1,1,2-trichloro-1,2,2-trifluoroethane	NS	U	U	U	U	10	---
Acetone	NS	U	U	U	U	10	---
Carbon Disulfide	NS	U	U	U	U	10	---
Methyl Acetate	NS	U	U	U	U	10	---
Methylene Chloride	NS	U	U	U	U	10	200 ST
trans-1,2-dichloroethane	NS	U	U	U	U	10	---
Methyl tert-Butyl Ether	NS	U	U	U	U	10	---
1,1-Dichloroethane	NS	U	U	U	U	10	---
cis-1,2-Dichloroethene	NS	U	U	U	U	10	---
2-Butanone	NS	U	U	U	U	10	---
Chloroform	NS	U	U	U	U	10	---
1,1,1-Trichloroethane	NS	U	U	U	U	10	---
Cyclohexane	NS	U	U	U	U	10	---
Carbon Tetrachloride	NS	U	U	U	U	10	---
Benzene	NS	U	U	U	U	10	10 ST
1,2-Dichloroethane	NS	U	U	U	U	10	---
Trichloroethene	NS	U	U	U	U	10	40 ST
Methylcyclohexane	NS	U	U	U	U	10	---
1,2-Dichloropropane	NS	U	U	U	U	10	---
Bromodichloromethane	NS	U	U	U	U	10	---
cis-1,3-Dichloropropene	NS	U	U	U	U	10	---
4-Methyl-2-Pentanone	NS	U	U	U	U	10	---
Toluene	NS	U	U	U	U	10	100 GV
trans-1,3-Dichloropropene	NS	U	U	U	U	10	---
1,1,2-Trichloroethane	NS	U	U	U	U	10	---
Tetrachloroethene	NS	U	U	U	U	10	1 GV
2-Hexanone	NS	U	U	U	U	10	---
Dibromochloromethane	NS	U	U	U	U	10	---
1,2-Dibromoethane	NS	U	U	U	U	10	---
Chlorobenzene	NS	U	U	U	U	10	5 ST
Ethylbenzene	NS	U	U	U	U	10	17 GV
Total Xylenes	NS	U	U	U	U	10	65 GV *
Styrene	NS	U	U	U	U	10	---
Bromoform	NS	U	U	U	U	10	---
Isopropylbenzene	NS	U	U	U	U	10	2.6 GV
1,1,2,2-Tetrachloroethane	NS	U	U	U	U	10	---
1,3-Dichlorobenzene	NS	U	U	U	U	10	5 ST*
1,4-Dichlorobenzene	NS	U	U	U	U	10	5 ST*
1,2-Dichlorobenzene	NS	U	U	U	U	10	5 ST*
1,2-Dibromo-3-chloropropane	NS	U	U	U	U	10	---
1,2,4-Trichlorobenzene	NS	U	U	U	U	10	5 ST
Total VOCs	0	0	0	0	0		----
Total VOC TICs	0	0	0	0	0		----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*: Value pertains to the sum of isomers.

GV: Guidance Value

ST: Standard

---: Not established

NS: Not sampled for this analyte

TABLE 3b.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-1					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	NS	NS	U	NS	U	10	---
Phenol	NS	NS	U	NS	U	10	1 ST **
bis(2-Chloroethyl)ether	NS	NS	U	NS	U	10	---
2-Chlorophenol	NS	NS	U	NS	U	10	1 ST *
2-Methylphenol	NS	NS	U	NS	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	NS	NS	U	NS	U	10	---
Acetophenone	NS	NS	U	NS	U	10	---
4-Methylphenol	NS	NS	U	NS	U	10	1 ST *
N-Nitroso-di-n-propylamine	NS	NS	U	NS	U	10	---
Hexachloroethane	NS	NS	U	NS	U	10	0.6 ST
Nitrobenzene	NS	NS	U	NS	U	10	---
Isophorone	NS	NS	U	NS	U	10	---
2-Nitrophenol	NS	NS	U	NS	U	10	1 ST *
2,4-Dimethylphenol	NS	NS	U	NS	U	10	1 ST *
bis(2-Chloroethoxy)methane	NS	NS	U	NS	U	10	---
2,4-Dichlorophenol	NS	NS	U	NS	U	10	1 ST *
Naphthalene	NS	NS	U	NS	U	10	13 GV
4-Chloroaniline	NS	NS	U	NS	U	10	---
Hexachlorobutadiene	NS	NS	U	NS	U	10	0.01 ST
Caprolactum	NS	NS	U	NS	U	10	---
4-Chloro-3-methylphenol	NS	NS	U	NS	U	10	1 ST *
2-Methylnaphthalene	NS	NS	U	NS	U	10	4.7 GV
Hexachlorocyclopentadiene	NS	NS	U	NS	U	10	0.45 ST
2,4,6-Trichlorophenol	NS	NS	U	NS	U	10	1 ST *
2,4,5-Trichlorophenol	NS	NS	U	NS	U	25	1 ST *
1-1'-Biphenyl	NS	NS	U	NS	U	10	---
2-Chloronaphthalene	NS	NS	U	NS	U	10	---
2-Nitroaniline	NS	NS	U	NS	U	25	---
Dimethylphthalate	NS	NS	U	NS	U	10	---
2,6-Dinitrotoluene	NS	NS	U	NS	U	10	---
Acenaphthylene	NS	NS	U	NS	U	10	---
3-Nitroaniline	NS	NS	U	NS	U	25	---
Acenaphthene	NS	NS	U	NS	U	10	5.3 GV
2,4-Dinitrophenol	NS	NS	U	NS	U	25	5 ST **
4-Nitrophenol	NS	NS	U	NS	U	25	1 ST *
Dibenzofuran	NS	NS	U	NS	U	10	---

TABLE 3b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-1					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1	1	1	1	1		
Units	ug/l	ug/l	ug/l	ug/l	ug/l	(ug/l)	(ug/l)
2,4-Dinitrotoluene	NS	NS	U	NS	U	10	---
Diethylphthalate	NS	NS	U	NS	U	10	---
Fluorene	NS	NS	U	NS	U	10	0.54 GV
4-Chlorophenyl-phenylether	NS	NS	U	NS	U	10	---
4-Nitroaniline	NS	NS	U	NS	U	25	---
4,6-Dinitro-2-methylphenol	NS	NS	U	NS	U	25	1 ST *
N-Nitrosodiphenylamine	NS	NS	U	NS	U	10	---
4-Bromophenyl-phenylether	NS	NS	U	NS	U	10	---
Hexachlorobenzene	NS	NS	U	NS	U	10	3E-5 ST
Atrazine	NS	NS	U	NS	U	10	---
Pentachlorophenol	NS	NS	U	NS	U	25	1 ST ****
Phenanthrene	NS	NS	U	NS	U	10	5 GV
Anthracene	NS	NS	U	NS	U	10	3.8 GV
Carbazole	NS	NS	U	NS	U	10	---
Di-n-butylphthalate	NS	NS	U	NS	1.8 J	10	---
Fluoranthene	NS	NS	U	NS	U	10	---
Pyrene	NS	NS	U	NS	U	10	4.6 GV
Butylbenzylphthalate	NS	NS	U	NS	U	10	---
3,3'-Dichlorobenzidine	NS	NS	U	NS	U	10	---
Benzo (a) anthracene	NS	NS	U	NS	U	10	0.03 GV
Chrysene	NS	NS	U	NS	U	10	---
bis(2-Ethylhexyl)phthalate	NS	NS	U	NS	U	10	0.6 ST
Di-octylphthalate	NS	NS	U	NS	U	10	---
Benzo(b)fluoranthene	NS	NS	U	NS	U	10	---
Benzo(k)fluoranthene	NS	NS	U	NS	U	10	---
Benzo(a)pyrene	NS	NS	U	NS	U	10	1.2E-3 GV
Indeno(1,2,3-cd)pyrene	NS	NS	U	NS	U	10	---
Dibenzo(a,h)anthracene	NS	NS	U	NS	U	10	---
Benzo(g,h,i)perylene	NS	NS	U	NS	U	10	---
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	1.8		
Total SVOC TICs	2	0	0	0	53.4		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
***: Applies to the sum of 1,2-, 1,3- and 1,4-Dichlorobenzene
**** : Applies to the sum of Chlorinated Phenols
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-2					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	NS	NS	U	U	U	10	---
Phenol	NS	NS	U	U	U	10	1 ST **
bis(2-Chloroethyl)ether	NS	NS	U	U	U	10	---
2-Chlorophenol	NS	NS	U	U	U	10	1 ST *
2-Methylphenol	NS	NS	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	NS	NS	U	U	U	10	---
Acetophenone	NS	NS	U	U	U	10	---
4-Methylphenol	NS	NS	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	NS	NS	U	U	U	10	---
Hexachloroethane	NS	NS	U	U	U	10	0.6 ST
Nitrobenzene	NS	NS	U	U	U	10	---
Isophorone	NS	NS	U	U	U	10	---
2-Nitrophenol	NS	NS	U	U	U	10	1 ST *
2,4-Dimethylphenol	NS	NS	U	U	U	10	1 ST *
bis(2-Chloroethoxy)methane	NS	NS	U	U	U	10	---
2,4-Dichlorophenol	NS	NS	U	U	U	10	1 ST *
Naphthalene	NS	NS	U	U	U	10	13 GV
4-Chloroaniline	NS	NS	U	U	U	10	---
Hexachlorobutadiene	NS	NS	U	U	U	10	0.01 ST
Caprolactum	NS	NS	U	U	U	10	---
4-Chloro-3-methylphenol	NS	NS	U	U	U	10	1 ST *
2-Methylnaphthalene	NS	NS	U	U	U	10	4.7 GV
Hexachlorocyclopentadiene	NS	NS	U	U	U	10	0.45 ST
2,4,6-Trichlorophenol	NS	NS	U	U	U	10	1 ST *
2,4,5-Trichlorophenol	NS	NS	U	U	U	25	1 ST *
1-1'-Biphenyl	NS	NS	U	U	U	10	---
2-Chloronaphthalene	NS	NS	U	U	U	10	---
2-Nitroaniline	NS	NS	U	U	U	25	---
Dimethylphthalate	NS	NS	U	U	U	10	---
2,6-Dinitrotoluene	NS	NS	U	U	U	10	---
Acenaphthylene	NS	NS	U	U	U	10	---
3-Nitroaniline	NS	NS	U	U	U	25	---
Acenaphthene	NS	NS	U	U	U	10	5.3 GV
2,4-Dinitrophenol	NS	NS	U	U	U	25	5 ST **
4-Nitrophenol	NS	NS	U	U	U	25	1 ST *
Dibenzofuran	NS	NS	U	U	U	10	---

TABLE 3b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-2					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1	1	1	1	1		
Units	ug/l	ug/l	ug/l	ug/l	ug/l	(ug/l)	(ug/l)
2,4-Dinitrotoluene	NS	NS	U	U	U	10	---
Diethylphthalate	NS	NS	U	U	U	10	---
Fluorene	NS	NS	U	U	U	10	0.54 GV
4-Chlorophenyl-phenylether	NS	NS	U	U	U	10	---
4-Nitroaniline	NS	NS	U	U	U	25	---
4,6-Dinitro-2-methylphenol	NS	NS	U	U	U	25	1 ST *
N-Nitrosodiphenylamine	NS	NS	U	U	U	10	---
4-Bromophenyl-phenylether	NS	NS	U	U	U	10	---
Hexachlorobenzene	NS	NS	U	U	U	10	3E-5 ST
Atrazine	NS	NS	U	U	U	10	---
Pentachlorophenol	NS	NS	U	U	U	25	1 ST ****
Phenanthrene	NS	NS	U	U	U	10	5 GV
Anthracene	NS	NS	U	U	U	10	3.8 GV
Carbazole	NS	NS	U	U	U	10	---
Di-n-butylphthalate	NS	NS	U	U	1.4 J	10	---
Fluoranthene	NS	NS	U	U	U	10	---
Pyrene	NS	NS	U	U	U	10	4.6 GV
Butylbenzylphthalate	NS	NS	U	U	U	10	---
3,3'-Dichlorobenzidine	NS	NS	U	U	U	10	---
Benzo (a) anthracene	NS	NS	U	U	U	10	0.03 GV
Chrysene	NS	NS	U	U	U	10	---
bis(2-Ethylhexyl)phthalate	NS	NS	U	U	U	10	0.6 ST
Di-octylphthalate	NS	NS	U	U	U	10	---
Benzo(b)fluoranthene	NS	NS	U	U	U	10	---
Benzo(k)fluoranthene	NS	NS	U	U	U	10	---
Benzo(a)pyrene	NS	NS	U	U	U	10	1.2E-3 GV
Indeno(1,2,3-cd)pyrene	NS	NS	U	U	U	10	---
Dibenzo(a,h)anthracene	NS	NS	U	U	U	10	---
Benzo(g,h,i)perylene	NS	NS	U	U	U	10	---
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	1.4		
Total SVOC TICs	0	0	0	0	50.6		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
***: Applies to the sum of 1,2-, 1,3- and 1,4-Dichlorobenzene
**** : Applies to the sum of Chlorinated Phenols
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-3					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/L)	(ug/l)
Benzaldehyde	NS	U	U	U	U	10	---
Phenol	NS	U	U	U	U	10	1 ST **
bis(2-Chloroethyl)ether	NS	U	U	U	U	10	---
2-Chlorophenol	NS	U	U	U	U	10	1 ST *
2-Methylphenol	NS	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	NS	U	U	U	U	10	---
Acetophenone	NS	U	U	U	U	10	---
4-Methylphenol	NS	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	NS	U	U	U	U	10	---
Hexachloroethane	NS	U	U	U	U	10	0.6 ST
Nitrobenzene	NS	U	U	U	U	10	---
Isophorone	NS	U	U	U	U	10	---
2-Nitrophenol	NS	U	U	U	U	10	1 ST *
2,4-Dimethylphenol	NS	U	U	U	U	10	1 ST *
bis(2-Chloroethoxy)methane	NS	U	U	U	U	10	---
2,4-Dichlorophenol	NS	U	U	U	U	10	1 ST *
Naphthalene	NS	U	U	U	U	10	13 GV
4-Chloroaniline	NS	U	U	U	U	10	---
Hexachlorobutadiene	NS	U	U	U	U	10	0.01 ST
Caprolactum	NS	U	U	U	U	10	---
4-Chloro-3-methylphenol	NS	U	U	U	U	10	1 ST *
2-Methylnaphthalene	NS	U	U	U	U	10	4.7 GV
Hexachlorocyclopentadiene	NS	U	U	U	U	10	0.45 ST
2,4,6-Trichlorophenol	NS	U	U	U	U	10	1 ST *
2,4,5-Trichlorophenol	NS	U	U	U	U	25	1 ST *
1-1'-Biphenyl	NS	U	U	U	U	10	---
2-Chloronaphthalene	NS	U	U	U	U	10	---
2-Nitroaniline	NS	U	U	U	U	25	---
Dimethylphthalate	NS	U	U	U	U	10	---
2,6-Dinitrotoluene	NS	U	U	U	U	10	---
Acenaphthylene	NS	U	U	U	U	10	---
3-Nitroaniline	NS	U	U	U	U	25	---
Acenaphthene	NS	U	U	U	U	10	5.3 GV
2,4-Dinitrophenol	NS	U	U	U	U	25	5 ST **
4-Nitrophenol	NS	U	U	U	U	25	1 ST *
Dibenzofuran	NS	U	U	U	U	10	---

TABLE 3b. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	SW-3					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1	1	1	1	1		
Units	ug/l	ug/l	ug/l	ug/l	ug/l	(ug/l)	(ug/l)
2,4-Dinitrotoluene	NS	U	U	U	U	10	---
Diethylphthalate	NS	U	U	U	U	10	---
Fluorene	NS	U	U	U	U	10	0.54 GV
4-Chlorophenyl-phenylether	NS	U	U	U	U	10	---
4-Nitroaniline	NS	U	U	U	U	25	---
4,6-Dinitro-2-methylphenol	NS	U	U	U	U	25	1 ST *
N-Nitrosodiphenylamine	NS	U	U	U	U	10	---
4-Bromophenyl-phenylether	NS	U	U	U	U	10	---
Hexachlorobenzene	NS	U	U	U	U	10	3E-5 ST
Atrazine	NS	U	U	U	U	10	---
Pentachlorophenol	NS	U	U	U	U	25	1 ST ****
Phenanthrene	NS	U	U	U	U	10	5 GV
Anthracene	NS	U	U	U	U	10	3.8 GV
Carbazole	NS	U	U	U	U	10	---
Di-n-butylphthalate	NS	U	U	U	1.5 J	10	---
Fluoranthene	NS	U	U	U	U	10	---
Pyrene	NS	U	U	U	U	10	4.6 GV
Butylbenzylphthalate	NS	U	U	U	U	10	---
3,3'-Dichlorobenzidine	NS	U	U	U	U	10	---
Benzo (a) anthracene	NS	U	U	U	U	10	0.03 GV
Chrysene	NS	U	U	U	U	10	---
bis(2-Ethylhexyl)phthalate	NS	U	U	U	U	10	0.6 ST
Di-octylphthalate	NS	U	U	U	U	10	---
Benzo(b)fluoranthene	NS	U	U	U	U	10	---
Benzo(k)fluoranthene	NS	U	U	U	U	10	---
Benzo(a)pyrene	NS	U	U	U	U	10	1.2E-3 GV
Indeno(1,2,3-cd)pyrene	NS	U	U	U	U	10	---
Dibenzo(a,h)anthracene	NS	U	U	U	U	10	---
Benzo(g,h,i)perylene	NS	U	U	U	U	10	---
Total PAHs	0	0	0	0	0		
Total Carcinogen PAHs	0	0	0	0	0		
Total SVOCs	0	0	0	0	1.5		
Total SVOC TICs	0	0	0	0	52.5		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
* : Applies to Total Phenols
** : Applies to the sum of Unchlorinated Phenols
***: Applies to the sum of 1,2-, 1,3- and 1,4-Dichlorobenzene
**** : Applies to the sum of Chlorinated Phenols
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3c.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	SW-1					Contract Required	NYSDEC Class C
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	Detection	Standard or
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Guidance Value
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	NS	NS	U	NS	U	0.05	---
beta-BHC	NS	NS	U	NS	U	0.05	---
delta-BHC	NS	NS	U	NS	U	0.05	---
gamma-BHC (Lindane)	NS	NS	U	NS	U	0.05	---
Heptachlor	NS	NS	U	NS	U	0.05	2E-4 ST
Aldrin	NS	NS	U	NS	U	0.05	1E-3 ST **
Heptachlor Epoxide	NS	NS	U	NS	U	0.05	3E-4 ST
Endosulfan I	NS	NS	U	NS	U	0.05	9E-3 ST ***
Dieldrin	NS	NS	U	NS	U	0.10	6E-7 ST
4,4'-DDE	NS	NS	U	NS	U	0.10	7E-6 ST
Endrin	NS	NS	U	NS	U	0.10	2E-3 ST
Endosulfan II	NS	NS	U	NS	U	0.10	9E-3 ST ***
4,4'-DDD	NS	NS	U	NS	U	0.10	1E-5 ST
Endosulfan Sulfate	NS	NS	U	NS	U	0.10	9E-3 ST ***
4,4'-DDT	NS	NS	U	NS	U	0.10	1E-5 ST
Methoxychlor	NS	NS	U	NS	U	0.50	0.03 ST
Endrin Ketone	NS	NS	U	NS	U	0.10	---
Endrin Aldehyde	NS	NS	U	NS	U	0.10	---
alpha-Chlordane	NS	NS	U	NS	U	0.05	2E-5 ST ****
gamma-Chlordane	NS	NS	U	NS	U	0.05	2E-5 ST ****
Toxaphene	NS	NS	U	NS	U	5.0	6E-6 ST
Aroclor-1016	NS	NS	U	NS	U	1.0	1E-6 ST *
Aroclor-1221	NS	NS	U	NS	U	2.0	1E-6 ST *
Aroclor-1232	NS	NS	U	NS	U	1.0	1E-6 ST *
Aroclor-1242	NS	NS	U	NS	U	1.0	1E-6 ST *
Aroclor-1248	NS	NS	U	NS	U	1.0	1E-6 ST *
Aroclor-1254	NS	NS	U	NS	U	1.0	1E-6 ST *
Aroclor-1260	NS	NS	U	NS	U	1.0	1E-6 ST *
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
*: Applies to the sum of the isomers
**: Applies to the sum of Aldrin and Dieldrin
*** : The value is the one listed for "Endosulfan"
**** : The value is the one listed for "Chlordane"
GV: Guidance Value
ST: Standard
---: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	SW-2					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	NS	NS	U	U	U	0.05	---
beta-BHC	NS	NS	U	U	U	0.05	---
delta-BHC	NS	NS	U	U	U	0.05	---
gamma-BHC (Lindane)	NS	NS	U	U	U	0.05	---
Heptachlor	NS	NS	U	U	U	0.05	2E-4 ST
Aldrin	NS	NS	U	U	U	0.05	1E-3 ST **
Heptachlor Epoxide	NS	NS	U	U	U	0.05	3E-4 ST
Endosulfan I	NS	NS	U	U	U	0.05	9E-3 ST ***
Dieldrin	NS	NS	U	U	U	0.10	6E-7 ST
4,4'-DDE	NS	NS	U	U	U	0.10	7E-6 ST
Endrin	NS	NS	U	U	U	0.10	2E-3 ST
Endosulfan II	NS	NS	U	U	U	0.10	9E-3 ST ***
4,4'-DDD	NS	NS	U	U	U	0.10	1E-5 ST
Endosulfan Sulfate	NS	NS	U	U	U	0.10	9E-3 ST ***
4,4'-DDT	NS	NS	U	U	U	0.10	1E-5 ST
Methoxychlor	NS	NS	U	U	U	0.50	0.03 ST
Endrin Ketone	NS	NS	U	U	U	0.10	---
Endrin Aldehyde	NS	NS	U	U	U	0.10	---
alpha-Chlordane	NS	NS	U	U	U	0.05	2E-5 ST ****
gamma-Chlordane	NS	NS	U	U	U	0.05	2E-5 ST ****
Toxaphene	NS	NS	U	U	U	5.0	6E-6 ST
Aroclor-1016	NS	NS	U	U	U	1.0	1E-6 ST *
Aroclor-1221	NS	NS	U	U	U	2.0	1E-6 ST *
Aroclor-1232	NS	NS	U	U	U	1.0	1E-6 ST *
Aroclor-1242	NS	NS	U	U	U	1.0	1E-6 ST *
Aroclor-1248	NS	NS	U	U	U	1.0	1E-6 ST *
Aroclor-1254	NS	NS	U	U	U	1.0	1E-6 ST *
Aroclor-1260	NS	NS	U	U	U	1.0	1E-6 ST *
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
*: Applies to the sum of the isomers
**: Applies to the sum of Aldrin and Dieldrin
*** : The value is the one listed for "Endosulfan"
**** : The value is the one listed for "Chlordane"
GV: Guidance Value
ST: Standard
---: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3c. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
PESTICIDE/PCBs

Sample Identification	SW-3					Contract Required Detection Limit	NYSDEC Class C Standard or Guidance Value
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11		
Dilution Factor	1.0	1.0	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
alpha-BHC	NS	U	U	U	U	0.05	---
beta-BHC	NS	U	U	U	U	0.05	---
delta-BHC	NS	U	U	U	U	0.05	---
gamma-BHC (Lindane)	NS	U	U	U	U	0.05	---
Heptachlor	NS	U	U	U	U	0.05	2E-4 ST
Aldrin	NS	U	U	U	U	0.05	1E-3 ST **
Heptachlor Epoxide	NS	U	U	U	U	0.05	3E-4 ST
Endosulfan I	NS	U	U	U	U	0.05	9E-3 ST ***
Dieldrin	NS	U	U	U	U	0.10	6E-7 ST
4,4'-DDE	NS	U	U	U	U	0.10	7E-6 ST
Endrin	NS	U	U	U	U	0.10	2E-3 ST
Endosulfan II	NS	U	U	U	U	0.10	9E-3 ST ***
4,4'-DDD	NS	U	U	U	U	0.10	1E-5 ST
Endosulfan Sulfate	NS	U	U	U	U	0.10	9E-3 ST ***
4,4'-DDT	NS	U	U	U	U	0.10	1E-5 ST
Methoxychlor	NS	U	U	U	U	0.50	0.03 ST
Endrin Ketone	NS	U	U	U	U	0.10	---
Endrin Aldehyde	NS	U	U	U	U	0.10	---
alpha-Chlordane	NS	U	U	U	U	0.05	2E-5 ST ****
gamma-Chlordane	NS	U	U	U	U	0.05	2E-5 ST ****
Toxaphene	NS	U	U	U	U	5.0	6E-6 ST
Aroclor-1016	NS	U	U	U	U	1.0	1E-6 ST *
Aroclor-1221	NS	U	U	U	U	2.0	1E-6 ST *
Aroclor-1232	NS	U	U	U	U	1.0	1E-6 ST *
Aroclor-1242	NS	U	U	U	U	1.0	1E-6 ST *
Aroclor-1248	NS	U	U	U	U	1.0	1E-6 ST *
Aroclor-1254	NS	U	U	U	U	1.0	1E-6 ST *
Aroclor-1260	NS	U	U	U	U	1.0	1E-6 ST *
Total PCBs	0	0	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
*: Applies to the sum of the isomers
**: Applies to the sum of Aldrin and Dieldrin
*** : The value is the one listed for "Endosulfan"
**** : The value is the one listed for "Chlordane"
GV: Guidance Value
ST: Standard
---: Not established
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.

TABLE 3d.
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
INORGANICS

Sample Identification	SW-1					Instrument	NYSDEC Class C Surface Water
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	Detection	Standard or
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Guidance Value
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	NS	NS	49.4 B	NS	U	9	100 ST
Antimony	NS	NS	U	NS	U	4	---
Arsenic	NS	NS	U	NS	U	2	150 ST *
Barium	NS	NS	7.0 B	NS	4.2 B	2	---
Beryllium	NS	NS	U	NS	U	0.2	1,100 **
Cadmium	NS	NS	U	NS	U	0.2	***
Calcium	NS	NS	6,020	NS	5,540	234	---
Chromium	NS	NS	0.50 B	NS	U	0.6	^
Cobalt	NS	NS	0.43 B	NS	U	0.7	5 ST
Copper	NS	NS	3.5 B	NS	U	5	^^
Iron	NS	NS	73.8 B	NS	75.6 B	2	300 ST
Lead	NS	NS	U	NS	U	2	^^^
Magnesium	NS	NS	1,550 B	NS	1,360	2	---
Manganese	NS	NS	48.6	NS	U	0.9	---
Mercury	NS	NS	U	NS	U	0.1	0.0007 ST
Nickel	NS	NS	U	NS	U	0.9	~
Potassium	NS	NS	623 B	NS	575 B	320	---
Selenium	NS	NS	U	NS	U	3	4.6 ST
Silver	NS	NS	**8.9 B**	NS	U	2	0.1 ST
Sodium	NS	NS	2,760 B	NS	3,370	132	---
Thallium	NS	NS	U	NS	U	2	8 ST
Vanadium	NS	NS	0.73 B	NS	U	0.6	14 ST
Zinc	NS	NS	7.3 B	NS	U	2	~~
Cyanide	NS	NS	U	NS	U	2	5.2 ST ~~~
Hardness (as CaCO3)	NS	NS	21,000	NS	NS	4,000	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL
N: Indicates spike sample recovery not within control limits
E: Indicates value estimated

NOTES:
* : Dissolved arsenic form
** : 11 ug/l when hardness is less than or equal to 75 ppm and 1,100 ug/l when hardness is greater than 75 ppm
*** : (0.85) exp(1.128 [In (ppm hardness)] - 3.6867)
^ : (0.316) exp(0.819 [In (ppm hardness)] + 3.7256)
^^ : (0.96) exp(0.9422 [In (ppm hardness)] - 1.7)
^^^ : {1.46203 - [In (hardness) (0.145712)]} exp (1.273 [In (hardness)] - 1.052)
~ :(0.998) exp (0.846 [In (hardness)] + 2.255)
~~ : 0.978 exp(0.8473 [In (ppm hardness)] + 0.884)
~~~ : As free cyanide: the sum of HCN and CN- expressed as CN
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.
~~~

TABLE 3d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
INORGANICS

Sample Identification	SW-2					Instrument	NYSDEC Class C Surface Water
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	Detection	Standard or
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Guidance Value
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	NS	NS	76.2 B	U	U	9	100 ST
Antimony	NS	NS	4.2 B	U	U	4	---
Arsenic	NS	NS	U	U	U	2	150 ST *
Barium	NS	NS	44.9 B	48 B	39.3 B	2	---
Beryllium	NS	NS	U	U	U	0.2	1,100 **
Cadmium	NS	NS	U	U	U	0.2	***
Calcium	NS	NS	30,300	23500	22,300	234	---
Chromium	NS	NS	0.24 B	0.69 B	U	0.6	^
Cobalt	NS	NS	0.43 B	U	U	0.7	5 ST
Copper	NS	NS	3.1 B	U	U	5	^^
Iron	NS	NS	**382**	**800**	**355**	2	300 ST
Lead	NS	NS	U	U	U	2	^^^
Magnesium	NS	NS	6,570	6270	5,810	2	---
Manganese	NS	NS	215	728	120	0.9	---
Mercury	NS	NS	U	U	U	0.1	0.0007 ST
Nickel	NS	NS	0.85 B	U	U	0.9	~
Potassium	NS	NS	1,010 B	2020	1,510	320	---
Selenium	NS	NS	U	U	U	3	4.6 ST
Silver	NS	NS	U	U	U	2	0.1 ST
Sodium	NS	NS	9,110	11900	11,000	132	---
Thallium	NS	NS	U	U	U	2	8 ST
Vanadium	NS	NS	0.43 B	U	U	0.6	14 ST
Zinc	NS	NS	8.4 B	23.1 B	12.1 B	2	~~
Cyanide	NS	NS	U	U	U	2	5.2 ST ~~~
Hardness (as CaCO3)	NS	NS	103,000	NS	NS	4,000	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL
N: Indicates spike sample recovery not within control limits
E: Indicates value estimated

NOTES:
* : Dissolved arsenic form
** : 11 ug/l when hardness is less than or equal to 75 ppm and 1,100 ug/l when hardness is greater than 75 ppm
*** : (0.85) exp(1.128 [In (ppm hardness)] - 3.6867)
^ : (0.316) exp(0.819 [In (ppm hardness)] + 3.7256)
^^ : (0.96) exp(0.9422 [In (ppm hardness)] - 1.7)
^^^ : {1.46203 - [In (hardness) (0.145712)]} exp (1.273 [In (hardness)] - 1.052)
~ :(0.998) exp (0.846 [In (hardness)] + 2.255)
~~ : 0.978 exp(0.8473 [In (ppm hardness)] + 0.884)
~~~ : As free cyanide: the sum of HCN and CN- expressed as CN
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.
~~~

TABLE 3d. (cont.)
BOUCHARD JUNKYARD SITE
PERIODIC REVIEW REPORT
SURFACE WATER SAMPLE RESULTS
INORGANICS

Sample Identification	SW-3					Instrument	NYSDEC Class C Surface Water
Date of Collection	Nov-01	May-02	Apr-05	Jun-11	Dec-11	Detection	Standard or
Dilution Factor	1.0	1.0	1.0	1.0	1.0	Limit	Guidance Value
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Aluminum	NS	NS	**112 B**	U	**195 B**	9	100 ST
Antimony	NS	NS	U	U	U	4	---
Arsenic	NS	NS	7.2 B	U	U	2	150 ST *
Barium	NS	NS	22.8 B	33.2 B	33.2 B	2	---
Beryllium	NS	NS	U	U	U	0.2	1,100 **
Cadmium	NS	NS	U	U	U	0.2	***
Calcium	NS	NS	20,300	23200	21,200	234	---
Chromium	NS	NS	0.60 B	U	U	0.6	^
Cobalt	NS	NS	0.40 B	U	U	0.7	5 ST
Copper	NS	NS	4.2 B	U	U	5	^^
Iron	NS	NS	**303**	**613**	**827**	2	300 ST
Lead	NS	NS	U	U	U	2	^^^
Magnesium	NS	NS	5,010	5330	5,040	2	---
Manganese	NS	NS	163	457	280	0.9	---
Mercury	NS	NS	U	U	U	0.1	0.0007 ST
Nickel	NS	NS	0.62 B	U	U	0.9	~
Potassium	NS	NS	4,330 B	2760	3,230	320	---
Selenium	NS	NS	U	U	U	3	4.6 ST
Silver	NS	NS	U	U	U	2	0.1 ST
Sodium	NS	NS	25,500	31500	24,600	132	---
Thallium	NS	NS	U	U	U	2	8 ST
Vanadium	NS	NS	U	U	U	0.6	14 ST
Zinc	NS	NS	10.3 B	15.3 B	13 B	2	~~
Cyanide	NS	NS	U	U	U	2	5.2 ST ~~~
Hardness (as CaCO3)	NS	NS	71,000	NS	NS	4,000	---

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL
N: Indicates spike sample recovery not within control limits
E: Indicates value estimated

NOTES:
* : Dissolved arsenic form
** : 11 ug/l when hardness is less than or equal to 75 ppm and 1,100 ug/l when hardness is greater than 75 ppm
*** : (0.85) exp(1.128 [In (ppm hardness)] - 3.6867)
^ : (0.316) exp(0.819 [In (ppm hardness)] + 3.7256)
^^ : (0.96) exp(0.9422 [In (ppm hardness)] - 1.7)
^^^ : {1.46203 - [In (hardness) (0.145712)]} exp (1.273 [In (hardness)] - 1.052)
~ :(0.998) exp (0.846 [In (hardness)] + 2.255)
~~ : 0.978 exp(0.8473 [In (ppm hardness)] + 0.884)
~~~ : As free cyanide: the sum of HCN and CN- expressed as CN
NS: Not sampled for this analyte
Indicates value exceeds standard or guidance value.
~~~