Final Report
Interim Removal Action

SHERWIN-WILLIAMS.

Newstead Superfund Site
8471 Fletcher Road
Town of Newstead, Erie County, New York

CERCLA Site No.: NYD986883387
Order on Consent No.: 02-2006-2023

ERM RCM Project No. 0059462

December 2007

ERM

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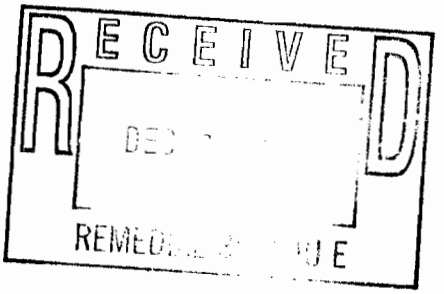

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ABBREVIATIONS AND ACRONYMS

ATSDR	Agency for Toxic Substances and Disease Registry
bgs	below ground surface
CAMP	Community Air Monitoring Program
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CPESC	Certified Professional in Erosion and Sedimentation Control
CRZ	Contaminant Reduction Zone
ECDOH	Erie County Department of Health
EE/CA	Engineering Evaluation/Cost Analysis Report
ERM RCM	ERM Remediation and Construction Management
EPA	United States Environmental Protection Agency
EZ	Exclusion Zone
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operator Training
IRAWP	Interim Response Action Work Plan
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
NCP	National Contingency Plan
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PAL	Project Action Limit
PID	photoionization detector
ppb	parts per billion
ppm	parts per million
PPE	Personal Protective Equipment
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RSCO	Recommended Soil Cleanup Objective
SVOC	Semivolatile Organic Compound
SZ	Support Zone
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Potential
TOGS	Technical Operations Guidance Series
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
VOC	Volatile Organic Compound
WD	Wendel-Duchscherer Survey

Section 1

Section 1

1.0 INTRODUCTION

The Newstead Superfund Site (Site) includes the property located at 8471 Fletcher Road, in the Town of Newstead, Erie County, New York (the Property). The Property's location is presented on Figure 1. A Site plan of the areas that were estimated to require excavation is presented on Figure 2. A previous owner used a portion of the northern section of the 6.6-acre Property for the disposal of paint sludges and other paint-related wastes.

1.1 SITE HISTORY

During the late 1940s and early 1950s, paint and paint-related wastes from the Pratt & Lambert Company, Inc. (Pratt & Lambert) Buffalo, New York facility were disposed at the Site. In the late 1980s, previously buried waste materials and waste drums, cans and containers came to the ground surface at the Property. The Property was acquired by Pratt & Lambert by purchase in 1992. Sherwin-Williams Company, Inc. (Sherwin-Williams) is the successor by merger to Pratt & Lambert.

1.2 CHRONOLOGY OF INVESTIGATION ACTIVITIES AND IRAWP DEVELOPMENT

In 1987 and 1998, the NYSDEC, the NYSDOH, and the ECDOH performed sampling and analysis of soils at the Site which detected various metals in varying concentrations ranging up to 175 ppm for cadmium, chromium at concentrations up to 2,680 ppm, 19,200 ppm for lead, barium at concentrations up to 7,240 ppm, lead at concentrations up to 19,200 ppm, and zinc concentrations up to 24,500 ppm.

In 1987 and 1998, groundwater samples collected from shallow wells used at the Site for agricultural purposes detected metals and VOCs up to the following concentrations: cadmium at 20 ppb, lead at 33 ppb, and xylenes at 21 ppb.

In June 1989, NYSDEC requested EPA to take an appropriate response action pursuant to CERCLA at the Site. In July 1989, EPA performed a preliminary assessment pursuant to CERCLA; after which ATSDR concluded that the Site presented a significant health threat, and subsequently issued a written health advisory and recommendations for dissociation of human contact with the contaminated area at the site and biological testing of the Site's residents. In August 1989, EPA issued an action memorandum authorizing funds to: relocate the then current Site residents; stabilize the Site; install a chain link fence to restrict access onto the contaminated area of the Site; and initiate a removal assessment in an effort to define the nature and extent of waste materials on the Site.

In late August 1989, EPA commenced an exploratory excavation of the Site to obtain information concerning the types of waste buried at the Property. This excavation revealed buried waste containers including drums, paint cans of varying sizes and in varying states of deterioration. These containers contained paints and solvents; and other painted-related wastes.

In September 1989, EPA issued Administrative Order Index No. II CERCLA-90233 (1989 Order) to Pratt & Lambert directing the company to permanently relocate the Site residents. Relocation of the Site residents was completed in 1994.

In June 1990, EPA conducted a preliminary assessment/investigation of the Site that included sampling and analysis of soil-gas, soil and sediment for VOCs, and selected metals. In September 1990, EPA issued Administrative Order Index No. II CERCLA-00209 (1990 Order) to Pratt & Lambert requiring the performance of an investigation of the release and threatened release of hazardous substances at the Site; and the evaluation of potential clean up alternatives in accordance with CERCLA requirements.

The 1990 investigation performed by Pratt & Lambert confirmed the presence of metals and VOCS in Site soils. In 1993 and again in 1996, analyses of groundwater samples detected select SVOCs and VOCs in groundwater at the Site.

During the performance of the 1990 Order, Sherwin-Williams proposed to EPA and NYSDEC that it would perform an expedited interim removal action at the Site to remove the hazardous substances from the soils and sediments at the Site.

In September 2001, Sherwin-Williams prepared a draft Interim Removal Action Work Plan to EPA for review and approval. Following lengthy discussions between EPA and Sherwin-Williams regarding the performance and oversight by EPA of the proposed IRAWP, in 2002 EPA notified Sherwin-Williams by letter of its intent to terminate discussion for consensual performance of the work.

In June 2002, EPA commenced an EE/CA and prepared a Proposed Response Action Document for a non-time-critical removal action to address contamination at the Site. On September 26, 2006, EPA issued an Action Memorandum selecting a removal response action to address paint and paint-related wastes, contaminated soils and contaminated sediments (if any), and to perform groundwater monitoring at the Site.

On January 4, 2007, Sherwin-Williams' submitted an updated IRAWP,

incorporating EPA's comments to the 2001 Draft IRAWP for review and approval. In May 2007, EPA commented upon the January 2007 Draft IRAWP. Sherwin-Williams' responded to EPA's comments in June 2007 and subsequently received EPA's approval of the updated IRAWP in July 2007.

1.3 *WORK PERFORMED UNDER THE CURRENT ADMINISTRATIVE ORDER*

Administrative Order Index No. CERCLA-02-2006-2023 (2006 Order) required Sherwin-Williams to undertake a response action at the Site in accordance with the requirements specified in the 2006 Order. Specifically, the 2006 Order required Sherwin-Williams to:

- Perform the Removal Action at the Site in accordance with the Action Memorandum, the 2006 Order, CERCLA, NCP, and EPA's relevant guidance documents and other applicable Federal and State laws and regulations;

- Prepare and implement a Post-Removal Groundwater Monitoring Plan (PRGMP);

- Revise the existing QAPP to include the PRGMP and to be consistent with EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations (EPA QA/R-5, March 2001), and Guidance for Quality Assurance Project Plans (EPA QA/G-5, EPA/240/R-02/009, dated December 2002); and consistent with the Uniform Federal Policy for Quality Assurance Project Plans (UFP-QAPP), Parts 1, 2,and 3, EPA-505-B-04-900A, B and C, March 2005; and

- Prepare and submit a Final Report of activities conducted under the 2006 Order.

Section 2

2.0 *IRAWP IMPLEMENTATION ACTIVITIES*

2.1 *IRAWP INTRODUCTION*

The Interim Removal Action Work Plan was originally prepared by Conestoga-Rovers & Associates (CRA) on Sherwin-Williams' behalf and submitted to the EPA in September 2001. After a lengthy discussion between EPA and Sherwin-Williams concerning the relative scope of the interim removal action and EPA's oversight, negotiations were terminated for consensual performance of the work.

In 2006, EPA issued an Action Memorandum and the current 2006 Order that directed Sherwin-Williams to undertake the removal action in general accordance with the September 2001 IRAWP, updated to reflect final discussions and the requirements of the 2006 Order.

Sherwin-Williams retained ERM RCM to update the IRAWP and associated documents per the 2006 Order; and to implement the IRAWP.

This Final Report of the Interim Removal Action documents the activities at the Site to excavate and dispose of paint and paint-related wastes in accordance with the EPA-approved IRAWP and supporting documentation.

2.2 *IRAWP METHODOLOGIES*

Methodologies followed by ERM RCM during the implementation of the IRAWP were in general accordance with the procedures, SOPs, and requirements established in the Final IRAWP, dated July 2007 and approved by the EPA, with the following exceptions:

- The equipment decontamination pad was constructed in a sub grade design versus the elevated design provided in the IRAWP without compromising the integrity or intent of this support facility;

- Project Action Limits for Zinc were revised from 69 ppm to 109 ppm per discussion and approval by EPA;

- Excavation of the Fletcher Road Ditch sediments was not required, based on analytical results of the pre-excavation samples indicating that the constituents of concern in these sediments did not exceed the Project Action Limits;

- Acceptance criteria for the backfill source material was waived by the EPA and NYSDEC for the LaFarge Quarry backfill source

materials based on precedent established by the NYSDEC as backfill source material at other NYSDEC-led remediation sites located throughout Western New York;

- With EPA and NYSDEC approval, backfill and top soil source material characterization samples were collected and analyzed on a one sample per one thousand cubic yards of imported material basis, versus a one sample per one hundred cubic yard basis; and,

- During Site restoration activities, the seed mix used for Hydro-seeding of the site was supplemented with a mix of winter wheat seed to help facilitate vegetative growth due to the seasonal conditions.

2.3 *PRE-EXCAVATION CHARACTERIZATION SAMPLING*

Representative soil samples were collected on July 23, 2007 by ERM RCM personnel from areas previously identified to have the highest concentrations of organic and inorganic constituents. A total of 11 samples were collected to characterize contaminant concentrations in the Site soils prior to excavation activities. Figure 3 identifies the sample locations. This pre-excavation sampling effort also served to facilitate the proper management and handling of excavated materials. Surface soil samples SS-01 through SS-06, SS-10 and SS-11 were collected using a hand shovel to collect samples at depths from 6- to 12-inches below ground surface (bgs). Surface soil samples SS-07 through SS-09 were collected via GeoProbe®. For these samples, a soil boring was collected to a depth of approximately four feet, bgs. From the soil boring, a composite sample was collected across the depth of the boring. All 11 soil samples were analyzed for TCLP-Metals while samples SS-07 through SS-09 were also analyzed for VOCs, SVOCs, and PCBs by EPA Method 8260 and Method 9045, as outlined in the USEPA approved site-specific Quality Assurance Project Plan (QAPP), dated May 2007. All samples were stored in a pre-chilled, insulated cooler and transported under proper chain of custody procedures to Test America, Inc. in Amherst, New York for laboratory analysis. Test America, Inc., formerly Severn Trent Laboratories (STL) of Buffalo, is a New York State Department of Health (NYSDOH)-approved environmental laboratory certified to perform the analyses described using USEPA's Analytical Services Protocol (ASP).

2.4 *EQUIPMENT MOBILIZATION AND PREPARATION ACTIVITIES*

ERM RCM and its team of subcontractors began mobilizing equipment to the Site on August 1, 2007. The following paragraphs provide a brief summary of site preparation activities that took place prior to excavation activities commencing.

Subsurface Clearance Activities

Subsurface clearance activities were conducted by TREC Environmental, Inc. (TREC), ERM RCM's remedial subcontractor. Mr. Keith Hambley from TREC notified Dig Safe NY, reference number 07177-120-043.

No utilities were identified on-site with the exception of an abandoned utility pole that was used to supply electric power and telephone services to the former site residence. Both had been deactivated prior to any on-site activity.

Gate Replacement

The existing site gate was removed and replaced with a larger gate by City Fence beginning on August 1, 2007. Two new gate posts were installed to accommodate a 30-foot wide entry gate to the Site. The new posts were allowed to cure for approximately one week prior to installation of the new gate.

Access Roadway Installation

Construction of the new access road began on August 3, 2007. The existing entrance location was extended approximately 100-feet east onto the Site from Fletcher Road following the excavation of underlying contaminated soils. Soil removed during the excavation for the access roadway was staged on and covered with polyvinyl sheeting on-site until analysis of representative soil samples were received from the laboratory for the determination of proper disposal requirements. A non-woven geotextile fabric was placed in the roadway excavation and covered with a 12-inch layer of two-inch run of crushed stone, followed by a layer of medium stone fill placed on top. All roadway materials were compacted with a smooth drum vibratory roller.

Based on the condition of the existing culvert, a full replacement culvert was installed within the Fletcher Road ditch excavation area. Approximately 30 feet of 24-inch corrugated steel pipe was installed beneath the access roadway to the Site.

Support Facilities and Zone Establishment

Support facilities included the construction of a new Site access road, a temporary equipment/vehicle decontamination pad, areas for soil stabilization, personnel support hygiene facilities, a 6,000-gallon water tank, and a temporary wastewater staging area which consisted of a 300-gallon holding tank. Once the holding tank reached capacity, the

wastewater was used on-Site for soil stabilization activities and/or dust control within as yet unexcavated areas requiring excavation.

Three work zones were established as identified in the Health and Safety Plan (HASP) in accordance with the IRAWP, Appendix A. The Exclusion Zone (EZ) consisted of the active work area where site activities were taking place. The perimeter of the EZ was clearly marked and all personnel entering this area were required to have the appropriate HAZWOPER training and wear the prescribed level of personal protective equipment. The Contaminant Reduction Zone (CRZ) served as the passage zone between the EZ and Support Zone (SZ). The CRZ was designed to allow site personnel to sequentially decontaminate their PPE when exiting the EZ. To prevent cross-contamination of the CRZ and SZ, and for accountability purposes, all personnel were required to enter and leave the EZ through the CRZ. The SZ included the project site trailer and equipment staging areas. The SZ consisted of an area outside the EZ and CRZ where support vehicles and equipment were staged and other general site activities were conducted.

Clearing and Grubbing

Areas to be used for support activities, excavated areas and areas required for access to work areas were cleared of all vegetation and obstructions. Trees, brush, and other vegetation were cut and cleared flush with the ground surface. The undergrowth was also cleared to the extent possible without disturbing the subsoil. All cleared trees were moved to and staged along the southeast corner of the property, outside the work areas. Stumps, roots and root balls, and other vegetative debris from below the ground surface were excavated and shipped to an off-Site disposal facility with the excavated soils.

Silt Fence Installation

Temporary erosion and sediment control measures were installed once the Site had been cleared. Control measures included the installation of a silt fence surrounding the excavation area. The silt fence was constructed in accordance with Appendix C of the EPA-approved IRAWP and site-specific SWPPP.

Site Survey and Excavation Grid Layout

Prior to excavation activities, Wendel Duchscherer Surveying (WD) installed control points, delineated on-Site features and generated a 50- by 50-foot grid system across the excavation areas (Continuous Waste Layer, Intermittent Waste Layer, and Surface Contamination Area), in accordance with the IRAWP. As noted earlier, Figure 2 details anticipated

excavation area of the Site with the 50-foot grid overlay. WD also determined backfill volumes and provided final design grade layout. In addition, WD surveyed the elevation of the southern portion of the Site that had been tentatively identified as the borrow area for fill material. Based on the insufficient material available as determined by the WD survey, ERM RCM was required to identify an off-site source of backfill material. WD also performed the wetland delineation for post-excavation wetland restoration activities.

2.5 *SITE EXCAVATION ACTIVITIES*

Excavation of the Site began on August 14, 2007. In accordance with the EPA-approved work plan, soils that were visually observed to contain paint waste and/or paint waste debris, or if PID readings taken during excavation activities identified a concern; these soils were excavated and prepared for proper off-site disposal. ERM RCM's work plan initially included direct ship of excavated soils; however, approval of waste profiles for the selected disposal site, Allied Waste (Niagara Falls, NY) delayed this approach to soil disposal. While awaiting approval from Allied Waste, excavated soils were staged on and covered with polyvinyl sheeting on site. Staged soils were sampled at a rate of one sample per 100 cubic yards and were segregated as either non-hazardous waste for disposal or hazardous waste. Soils deemed to be hazardous waste were stabilized on-site in accordance with the EPA-approved IRAWP prior to off-site disposal.

Representative photographs of soil excavation, sampling, and restoration activities are included as Appendix E to this report.

Surface Contamination Area

From the IRAWP, soil volume requiring excavation and disposal in the Surface Contamination Area was estimated to be approximately 1,020 cubic yards. This estimate was based on historic site investigation data that assumed an excavation depth of zero to six inches, bgs. Based on the field conditions encountered during excavation activities, and WD's survey measurements of the final excavation limits, an additional 999 cubic yards of material was excavated from this area (totaling approximately 2.019cubic yards) to an excavation depth that ranged from approximately zero to 12 inches, bgs.

Based on visual observations of paint waste or debris and/or photoionization detector (PID) readings, the limits of the proposed excavation were expanded to include additional excavated soils.

Intermittent Waste Layer

The total volume of material to be excavated from the Intermittent Waste layer was estimated to be approximately 300 cubic yards with an initial excavation depth of zero to 18 inches, bgs. Based on the field conditions encountered during excavation activities, and WD's survey measurements of the excavation limits, an additional 324 cubic yards (totaling approximately 624 cubic yards) of material was excavated and disposed from this area.

A small volume of paint waste and debris was observed along portions of the northwest wall face, within Quadrants 39, 33, and 27. Additional excavation of the sidewalls of portions of Quadrants 39, 33, and 27 was performed in 5-foot horizontal increments to the excavation depths for each quadrant, until no visual or instrumental signs of paint waste were observed or recorded. In some portions of the wall face, the excavation activities reached the approximate northern Property limits.

Continuous Waste Layer

Initial volume based on the historic site investigation activities was estimated to be 2,600 cubic yards, with an average waste depth of zero to 36 inches, bgs. Based on field conditions encountered during excavation and WD's survey measurements of the excavation limits, an additional 166 cubic yards (totaling approximately 2,766 cubic yards) of material was excavated from this area to an excavation depth that ranged from zero to 54-inches, bgs.

As excavation activities in the Continuous Waste Layer proceeded, extensive paint waste and debris was visually observed within this area. Additional soil excavation was performed based on visual observations of paint waste or debris or by PID readings taken during excavation. Additional excavation of the sidewalls of portions of Quadrants 39, 33, and 27 was performed in 5-foot horizontal increments to the excavation depths for each quadrant, until no visual or instrumental signs of paint waste were observed or recorded, or the excavation activities reached the approximated northern Property limits.

Figure 4 provides an overlay of the IRAWP-estimated excavation limits versus the final field-encountered excavation limits.

Polychlorinated Biphenyl (PCB) Contaminated Soils

Pre-excavation soil characterization sampling revealed a PCB "hot spot" in the area of sample location SS-03. PCB levels exceeded the project action

limit of 1.0 parts per million (ppm) in this area. On August 22, 2007, ERM RCM performed an initial round of soil sampling near the "hot spot" using a track-mounted GeoProbe® unit in an effort to determine the lateral and vertical extent of the PCB contamination.

A total of 12 samples were collected from a 10- by 10-foot grid radiating out from SS-03 to a depth of 48-inches, bgs. Soil samples were composited based on zero to 24-inch and 24-to 48-inch intervals. The results of the laboratory analyses of these composited samples were used to further refine the vertical and lateral extent of PCB-containing soils through an additional round of PCB sampling that was performed on August 31, 2007. Four samples were collected using a hand auger to a maximum depth of approximately 24-inches, bgs across a 5- by 5-foot grid distance radiating out from SS-03. Analytical results of this second round of soil samples indicated that the PCB-containing soils were contained within this 5-foot by 5-foot grid.

Excavated soils were staged on and covered with polyvinyl sheeting until the appropriate approval for disposal was received. PCB wastes were disposed at the CWM Chemical Services landfill in Model City, New York, as TSCA-regulated waste.

Hazardous Waste Area and Stabilization Activities

Based on historic site investigation activities and the EPA-approved IRAWP, approximately 220 cubic yards of material was identified as the Hazardous Waste Area that would require stabilization prior to off-site disposal. During pre-excavation and post-excavation sampling activities, it was determined that an additional quantity of the site soils from the Continuous Waste Layer exhibited characteristics that would deem these soils to be considered hazardous. These additional soils were staged on and covered with polyvinyl sheeting until such time that the stabilization activities of the hazardous materials could take place prior to disposal at the Allied Waste Landfill, in Niagara Falls, New York.

Hazardous soils were stabilized in accordance with the procedures and admixtures identified in the IRAWP. The volume of characteristically hazardous material excavated from the Site was approximately 530 cubic yards versus the initial estimate of approximately 220 cubic yards. Once stabilized, the soils were allowed to cure for no less than 28 days, re-sampled for TCLP metals analysis to verify that the stabilized material had been rendered non-hazardous. Once analytical results and appropriate disposal approvals were received, the stabilized materials were disposed off-site at the Allied Waste facility in Niagara Falls, New York.

Figure 4 provides an overview of the final excavation area and depths versus the original proposed excavation limits across the Site.

2.6 *POST-EXCAVATION CONFIRMATION SAMPLING*

Confirmatory sampling of soils in the excavation area was conducted to ensure that all soils with concentrations exceeding Project Action Limits (PAL) had been removed and properly disposed. One discrete bottom sample was collected from each 50- by 50-foot grid plot (2,500 square feet). In addition, one discrete side wall sample was collected for each 50-linear feet of the excavated side wall. Typically, the side wall samples were collected at mid-depth of the side wall excavation. Samples were delivered to TestAmerica under proper chain-of-custody procedures and analyzed for parameters as outlined in the EPA-approved site specific QAPP. A total of 77 confirmatory samples were collected from the soil excavation area, including 43 bottom samples and 34 side wall samples. Sample splits were provided to the USEPA's onsite Response Engineering and Analytical Contract (REAC) contractor for independent analyses. The sampling protocol is identified in the EPA-approved QAPP.

Confirmatory samples from the Fletcher Road ditch were collected at a frequency of one discrete sample per 100 linear feet along the western face of the continuous waste layer excavation area, for a total of five samples. Samples were delivered to TestAmerica under proper chain-of-custody procedures and analyzed for parameters as outlined in the EPA-approved site specific QAPP. Analytical results from the Fletcher Road Ditch confirmed that these soils and sediments did not exceed the Project Action Limits and subsequently did not require excavation and off-site disposal.

Analytical results are discussed in further detail in Section 2.10 of this report and summarized in Tables 2-1 through 2-6. Figure 3 details the locations of the side wall, bottom PCB, and Fletcher Road Ditch samples collected during this removal action.

2.7 *SOIL DISPOSAL*

Approximately 7,018 tons of non-hazardous soils were loaded for disposal at the Allied Waste landfill in Niagara Falls, New York. This volume of material was disposed in 358 tandem truck loads. Transporters of non-hazardous waste materials were permitted for general transportation of sanitary wastes or as required by New York State for the transport of Special Waste.

All soils labeled as RCRA hazardous based on analytical results and all transport units designated for off-site disposal were labeled and manifested. Manifest forms and records were filed consistent with 40 CFR

Part 263 "Standards Applicable to Transporters of Hazardous Waste", and 6 NYCRR Part 372 "New York Hazardous Waste Manifest System Regulations".

Copies of the waste profiles and manifests generated during off-site disposal activities are included as Appendix B to this report.

2.8 *COMMUNITY AIR MONITORING*

Air monitoring was performed during all ground intrusive activities to ensure that the surrounding community was not adversely impacted during on-site activities. A MiniRAE 2000 handheld VOC monitor was used in conjunction with three TSI DustTrak Aerosol monitors for conducting real-time air monitoring for VOCs and respirable dust levels at the perimeter of the EZ. Readings from the three monitors were recorded based on a 15-minute averaging time concentration. During the course of the ground activities, no air exceedences were noted. Data from the DustTrak monitors were routinely downloaded to an onsite laptop computer for data archiving. Data charts from the three DustTrak monitors for all sample events are included as Appendix C to this report.

2.9 *STORM WATER POLLUTION PREVENTION ACTIVITIES*

ERM RCM prepared a Stormwater Pollution Prevention Plan, dated July 2007 following NYSDEC requirements in accordance with the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (GP-02-01) to reduce soil erosion and minimize pollutants in stormwater during the remediation activities. Weekly inspections were completed by ERM RCM's Mr. Donald Kuhn, a Certified Professional in Erosion and Sedimentation Control (CPESC). Copies of completed stormwater pollution prevention forms can be found in Appendix D.

Upon completion of Site restoration activities, additional silt fence was installed and the site secured for the winter season. In accordance with NYSDEC's Winter Site Stabilization/Site Inspections for Construction Sites under the SPDES General Permit, routine SWPPP inspections are anticipated to take place once per month through April 2008.

2.10 *ANALYTICAL RESULTS AND QA/QC PROCEDURES*

This section summarizes the results of the laboratory analysis Quality Assurance and Quality Control (QA/QC) for the samples collected at the Site. All samples were analyzed by TestAmerica, formerly known as Severn Trent Laboratories of Buffalo (STL).

The samples were collected and analyzed in accordance with the methods specified in the EPA-approved QAPP, Tables 18 through 20. No deviations to these methods were made. The Confirmatory Post Excavation samples, the Backfill Characterization and Topsoil Characterization samples as well as the PCB Characterization samples were validated and reviewed per the guidelines set forth in the QAPP Tables 34 through 36. The Waste Characterization samples collected at the Site were not validated; however, those data were still reviewed for quality and adherence to method and QAPP criteria.

The overall objective of the data validation process was to determine the degree of confidence that may be placed on the analytical results. The data validation process identifies deviations from the methods, poor QC results, matrix interference and other analytical problems that may compromise the potential uses of the data. The data validation was performed by the ERM RCM QA Manager. A preliminary review of the data was performed to verify that the necessary paperwork, such as chains-of-custody, traffic reports, analytical reports, and deliverable packages were present. A "pdf" version of each laboratory data deliverable package can be found in Appendix A to this report. *(Note: To reduce the overall volume of paper for these data, the data deliverable packages are presented in electronic format on two Compact Discs (CDs).)*

The laboratory provided all analytical data in a Category B deliverable format as specified in the QAPP for the data that underwent data validation. A detailed quality assurance review was then performed to verify the qualitative and quantitative reliability of the data. Detailed data validation reports were prepared for each laboratory deliverable package. These can also be found in the Appendix A electronic CD files.

The data validation reports consist of a section that contains an assessment of the deliverables, followed by a section that describes, on an item-by-item basis, the analytical results containing deficiencies and any qualifications that should be considered when using the data. The qualifications were made by assessing the results based on the analytical method technical requirements (including QA/QC criteria) and the data validation requirements. The data validation reports also indicate the data qualification actions taken as a result of these criteria, and typically include a discussion of the possible bias in the sample result.

Based on the data validation review, qualification of data, where appropriate, is made by the use of qualifier codes. These qualifiers serve as an indication of the qualitative and quantitative reliability of the data. The qualifier codes used for the analytical results are as follows:

- **No qualifier** - The compound was positively identified at the

reported numerical value.

- **U** - The compound was analyzed for, but not detected above the reporting limit.

- **J** - The compound was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. The value was designated as estimated as a result of the data validation criteria or to indicate an organic compound is present, but the concentration is less than the reporting limit.

- **UJ** - The compound was analyzed for, but not detected above the reporting limit. The reporting limit is approximate and may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

- **R** - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The analytical results are valid and usable with the exceptions discussed in the validation reports. All data qualifiers were taken into account during the interpretation of the analytical results. In summary, no sample data were rejected and the data validation results indicate that there were no significant problems that impact the usability of the analytical data. The final validated data are presented in Table 2-1 through 2-6.

2.11 SITE RESTORATION ACTIVITIES

Backfill Source and Placement Activities

Initially, the Krantz Pit on Lapp Road in Clarence, New York, was identified as the offsite source for general backfill material. After a site visit and sampling event of the source material, this location was deemed unacceptable, and a second source was located. The LaFarge North American Quarry (LaFarge) in Lockport, New York was selected as the source for general backfill material. ERM RCM visited the quarry site on September 6, 2007 and collected five representative backfill samples. These samples were shipped to TestAmerica for constituent analysis in accordance with the requirements of the IRAWP and site-specific QAPP. Although initial analytical results of this backfill source indicated the presence of select inorganic constituents above Project Action Limits, both EPA and NYSDEC provided a waiver to allow the use of this material as acceptable backfill source material.

Backfilling of the Site began on October 30, 2007 and was completed on November 7, 2007.

Top Soil Source and Placement Activities

The source of the top soil material was the Pleasant View Meadows development located in Lancaster, New York. ERM RCM personnel visited the source site on September 24, 2007 and collected two representative top soil samples. The samples were submitted to TestAmerica in accordance with proper chain-of-custody requirements for constituent analyses in accordance with the IRAWP and the site-specific QAPP. The analytical results of the top soil samples indicated that this source material was deemed acceptable for the site restoration activities.

Wetlands Restoration

Following the completion of the soil removal, and placement of backfill and top soil materials, the on-site wetlands area was restored as described in the EPA-approved Wetland Restoration Plan (Appendix D to the IRAWP). Based on the results of the wetland delineation, approximately 0.21 acres of wetlands were restored. This area was characterized as shrub swamp/shallow emergent marsh that exhibited a temporary water regime.

Following the removal of contaminated soils, the excavated area was backfilled with clean soil and rough graded to approximately 0.33 feet below the preconstruction contours. The newly constructed wetland/upland boundary was graded to a slope not exceeding 4:1. Following the rough grading, the wetland area was top dressed with four inches of top soil and then graded to the original wetland elevations. Backfilled and top dressed areas were mulched with straw and organic materials, and then seeded with a temporary soil binding cover crop of winter rye. Permanent wetland vegetation, as outlined in the table below, was planted in the wetland area at the prescribed rates. Wetland Vegetation species and plantings were provided by J&J Transplants and Aquatic Nursery.

Wetland Vegetation and Planting Rates

Common Name	Variety	Rate (Plants/acre) Lbs/acre
Reed canary grass	Palaton/Venture	10
Redtop	Common	3
Soft rush	Juncus effuses	(400)
Carex	Stricta	(400)

Site Grading and Hydro-seeding Activities

The on-site excavation areas were graded to be consistent with the original topography and drainage considerations. The Fletcher Road ditch was restored to a condition deemed acceptable to the Erie County Highway Department. All support facilities including the decontamination pad and any containerized wash water or other waste generated during excavation activities were removed from the Site and properly disposed before project closeout. Following grading and removal of the support facilities, the excavation area was hydro-seeded by Stonewood and Waters.

Demobilization Activities

All equipment and support facilities were demobilized from the Site by November 28, 2007, and the site secured for the winter. The access roadway was left in place to facilitate access to the site for future groundwater monitoring activities.

2.12 *GROUNDWATER MONITORING PLAN ACTIVITIES*

Installation of MW5A-07

To assess the shallow saturated zone down-gradient of the removal action, a new monitoring well designated as MW5A-07 was installed along the western property boundary, south of the excavation area. The well was installed on September 4, 2007 by Buffalo Drilling Company to a depth of approximately 15 feet bgs.

Abandonment of Onsite Supply Wells

The previous residence located on-site used two supply wells. On September 4, 2007, in accordance with the EPA-approved PRGMP, these wells were decommissioned and abandoned following NYSDEC's *Groundwater Monitoring Well Decommissioning Procedures*, May 1995, and *Water Supply Well Decommissioning Recommendations*, December 2003. Buffalo Drilling tremie-grouted both wells to depths of approximately 67 feet below ground surface. A third well was uncovered during excavation activities in the Surface Contamination Area also near the location of the former residence. ERM RCM abandoned this well by filling the top of the well to a depth of five feet, bgs, with a bentonite grout mixture.

Planned Installation of MW3A-93 Replacement Well

During backfill activities, MW3A-93 was damaged and the integrity of the well was compromised. Once site soils and vegetation growth have been

established, decommissioning, abandonment, and replacement of this monitoring well will be performed in accordance with NYSDEC Groundwater decommissioned Procedures. A replacement well for MW3A-93 will be installed in closed proximity and the top of well surveyed once competed.

Planned Semi-annual Groundwater Monitoring and Events Reporting

In accordance with the approved PRGMP, groundwater samples will be collected from the seven existing (and one replacement well) wells semiannually via low-flow methods for the constituents identified in the PRGMP and the approved QAPP. Samples will be collected for a period of two and one-half years. The first round of groundwater sampling is tentatively scheduled to take place in January 2008.

Reports of the groundwater sampling and analysis will be submitted to the EPA and the NYSDEC on a semi-annual basis in accordance with the 2006 Order. A summary data report will be submitted to the Agencies within 90 days of receipt of the groundwater sample analysis. Refer to the IRAWP, Appendix E for additional reporting requirements. In general conformance with NYSDEC's DER-10, DRAFT Technical Guidance for Site Investigation and Remediation (December, 2002), sampling of the eight on-site monitoring wells will continue on a semi-annual basis until such time that five consecutive sets of analytical results are achieved that are below the action levels established in the IRAWP. Once the data indicate that five consecutive rounds below the action levels are established, Sherwin-Williams may petition the EPA to cease the collection and analysis of groundwater samples from the monitoring well network at the Site and to decommission the wells.

Also, with the completion of the interim removal action, Sherwin-Williams intends to modify its reporting requirements under the 2006 Order from weekly activity reports, to semi-annual activity reports that will coincide with the submittal of the groundwater sampling results.

Section 3

Section 3

3.0 SUMMARY OF ERM RCM EXPENSES

Table 3-1 provides a summary of expenses to date for the implementation of the IRAWP at the Newstead Superfund Site.

Table 3-1 Summary of Expenses for the Newstead Superfund Site IRAWP.

Task Description	Total Amount[3] ($)
Update the IRAWP	2,809.43
Prepare Post Removal Groundwater Monitoring Plan	6,431.54
Site Sampling & Analysis	120,681.05
Construction/Excavation & Disposal Activities	946,724.96
Prepare Summary Final Report	3,145.50
Prepare Updated QAPP	9,695.90
Install New Monitoring Well/Abandon Supply Wells	10,267.44
Groundwater Sampling & Analysis[1]	0.00
Agency Discussions & Negotiations[2]	6,938.26
Totals	**$ 1,106,694.08**

1 The first round of groundwater sampling is scheduled to take place in early January 2008. Therefore, no costs have been incurred for this task to date.

2 Out-of-Scope Work includes preparation of the position paper and attendance at conference calls held with Sherwin-Williams, EPA, and NYSDEC representatives.

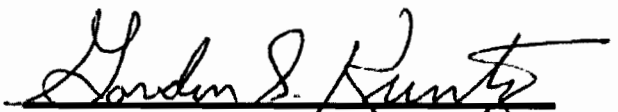
3 Total Amount incurred to date does not include trailing costs anticipated to occur in December 2007, that have yet to be invoiced to Sherwin-Williams.

Section 4

4.0 *CERTIFICATION STATEMENT*

In accordance with the 2006 Order, Sherwin-Williams provides the following certification statement:

"I certify that the information contained in and accompanying this document is true, accurate, and complete."



Signature

Gordon S. Kuntz

Printed Name

Gordon S. Kuntz, Ph.D.
Senior Environmental Projects Manager
The Sherwin-Williams Company, Inc.
110 Prospect Avenue NW
Cleveland, Ohio 4415

Section 5

5.0 REFERENCES CITED

The following is a list of references cited throughout this document and relied upon by ERM RCM throughout the implementation of this Interim Removal Action project:

Interim Response Action Work Plan, Newstead Superfund Site. May 2007. Updated by ERM Remediation and Construction Management. Prepared for The Sherwin-Williams Company, Inc. ERM RCM Project No.: 0059462, Revision 1.0. *(Based upon original document prepared by Conestoga-Rovers and Associates, September 2001.)*

NYSDEC's DER-10, DRAFT Technical Guidance for Site Investigation and Remediation. December 2002.

40 CFR Part 263, "Standards Applicable to Transporters of Hazardous Waste."

6 NYCRR Part 372, "New York Hazardous Waste Manifest System Regulations."

6 NYCRR Part 375-6.8(a), Unrestricted Use Cleanup Goals, December 2006.

Technical and Administrative Guidance Memorandum (TAGM) No. 4046, Determination of Soil Cleanup Objectives and Cleanup Levels, NYSDEC, January 1994.

"Requirements for Quality Assurance Project Plans for Environmental Data Operations," EPA QA/R-5, March 2001.

"Guidance for Quality Assurance Project Plans," EPA QA/G-5, EPA/240/R-02/009, dated December 2002.

Uniform Federal Policy for Quality Assurance Project Plans (UFP-QAPP), Parts 1, 2, and 3, EPA-505-B-04-900A, B and C, March 2005.

SPDES General Permit for Stormwater Discharges from Construction Activity (GP-01-08-001).

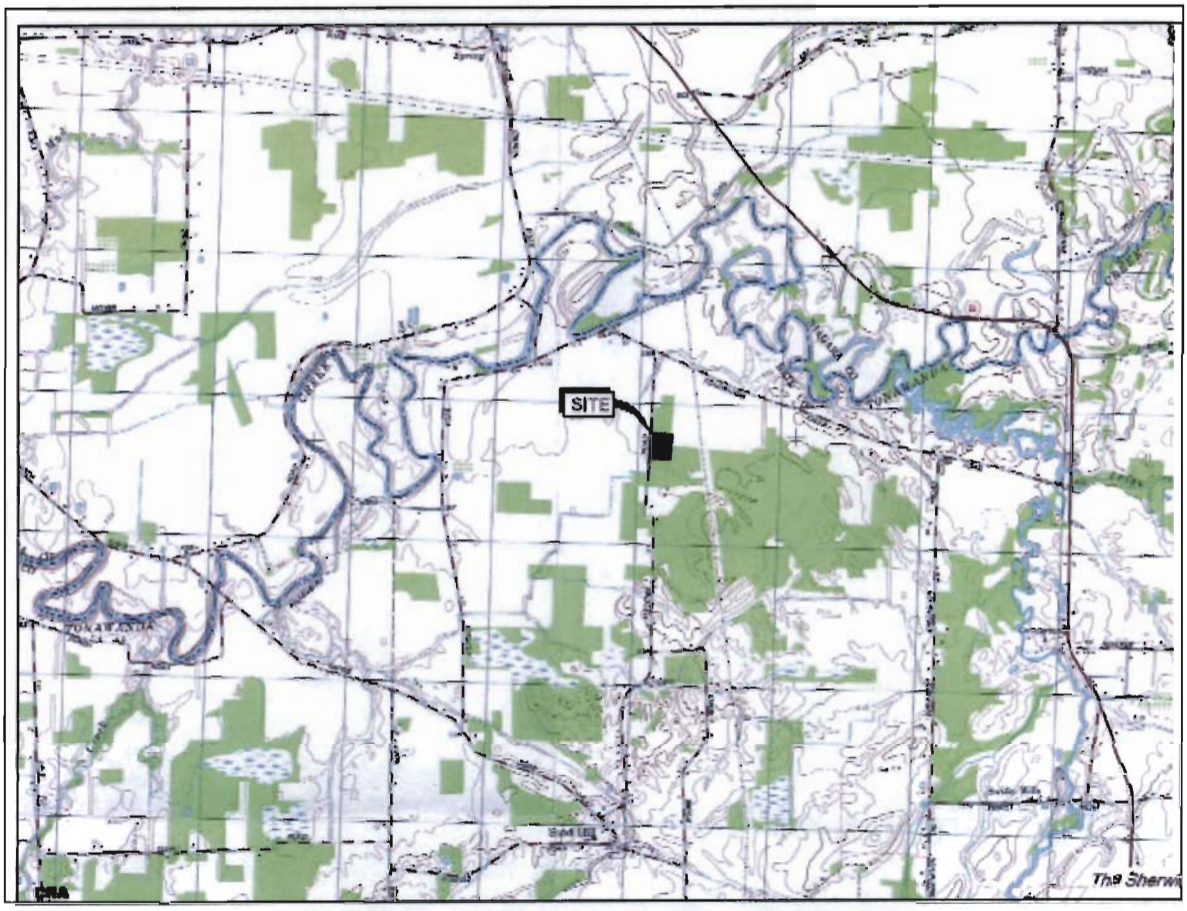
Groundwater Monitoring Well Decommissioning Procedures, NYSDEC Division of Hazardous Waste Remediation, May 1995.

Water Supply Well Decommissioning Recommendations, NYSDEC Division of Water, December 2003.

DER-10, DRAFT Technical Guidance for Site Investigation and Remediation, NYSDEC Division of Environmental Remediation, December, 2002.

Figures

Figures



SOURCE:
USGS QUADRANGLE MAP
WOLCOTTSVILLE N.Y.
SCALE 1:25,000
1980

Figure 1. Site Location

Newstead Superfund Site
8471 Fletcher Road
Town of Newstead, New York

ERM Remediation & Construction Management

1159 Pittsford-Victor Road
Suite 200
Pittsford, NY 14534
(585) 387-0510

ERM

FLETCHER ROAD

0+00E. 1+00E. 2+00E. 3+00E. 4+00E.

0+00S. 1+00S. 2+00S. 3+00S.

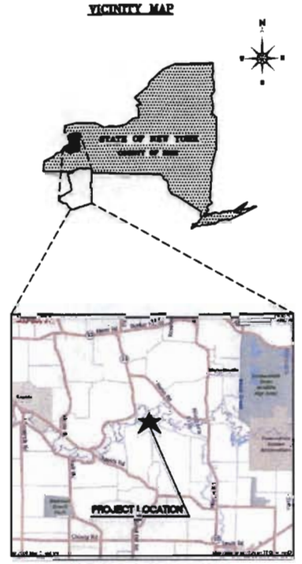
MW2B-93
MW2A-93
MW4A-93
MW3A-93
MW3A-93
MW5A-07
ACCESS ROADWAY EXCAVATION
ACCESS ROADWAY EXCAVATION
SWALE
LIMIT OF SUBGRADE AS SURVEYED 10/11/2007
APPROX. HWY. BOUNDARY
MW1A-93 AND MW1B-93 ARE LOCATED BEYOND THE LIMITS OF THIS BOUNDARY

Q39 Q27 Q15 Q10B Q7 Q4 Q1
Q33 Q21 Q5 Q2
Q40 Q34
Q28 Q22 Q16 Q11 Q8
Q41 Q35 Q29 Q23 Q17 Q12 Q9 Q6 Q3
Q36
Q43 Q37 Q31 Q25 Q19
Q14
Q44 Q38 Q32 Q26 Q20

20 0 20 40 60 80 FEET

SCALE: 1"=20'

VICINITY MAP



PROJECT LOCATION MAP

1. HORIZONTAL CONTROL: SITE SPECIFIC
2. VERTICAL CONTROL: SITE SPECIFIC
3. UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN IN THEIR APPROXIMATE LOCATION AND MAY NOT BE SHOWN IN THEIR ENTIRETY VERIFICATION IS REQUIRED PRIOR TO CONSTRUCTION.
4. EXISTING CONDITIONS FIELD DATA WAS COLLECTED BY WENDEL DUCHSCHERER IN AUGUST 2007.
5. PREMISES BOUNDARY LINE SHOWN IS APPROXIMATE AND IS SUBJECT TO CHANGE BASED UPON COMPLETION OF A BOUNDARY SURVEY.
6. WETLAND AREA SHOWN IS SHOWN FROM A MAP PROVIDED BY OTHERS ENTITLED "FIGURE 2, WETLAND BOUNDARY MAP NEWSTEAD SITE, THE SHERWIN-WILLIAMS COMPANY"

LEGEND:

FLETCHER ROAD DITCH	
FINAL EXCAVATION LIMIT	
APPROXIMATE PROJECT LIMITS	
APPROXIMATE HWY. BOUNDARY	
SWALE	
WETLANDS	
TREE	
SOUTHERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00S.
EASTERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00E.
WENDEL DUSCHERER SURVEY COORDINATE	N 00000.000 E 00000.000
MONITORING WELLS	

Rev.	Date	Description	By	Chk.

DRAWN BY: MD SURVEY | CHECKED BY: DM

ERM Remediation & Construction Management

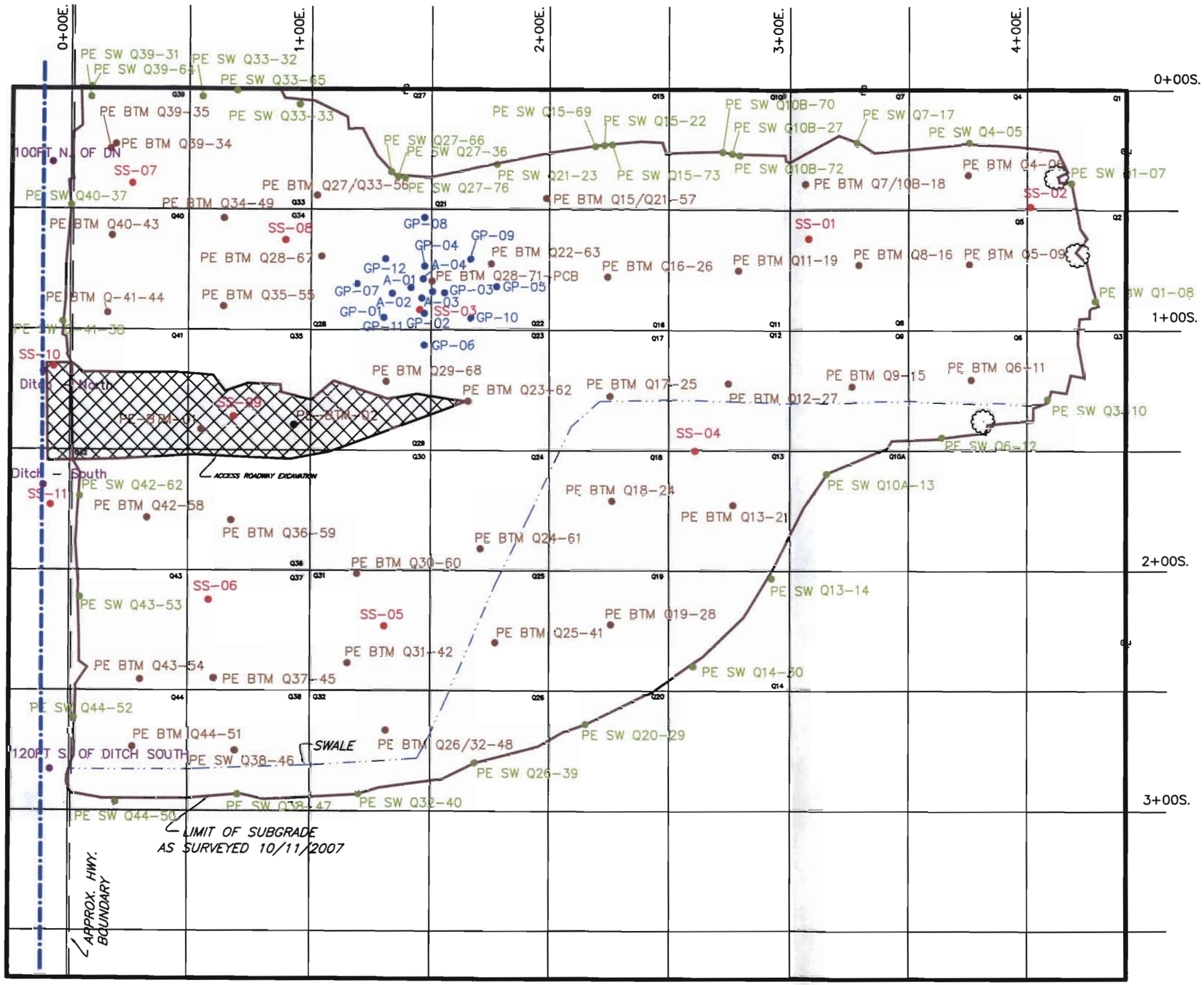
SITE LAYOUT WITH 50' x 50' GRID OVERLAY

8471 FLETCHER ROAD
NEWSTEAD, NEW YORK

SCALE	PROJECT NUMBER	SHEET	REV.
1"=20'	59462	FIGURE 2	0

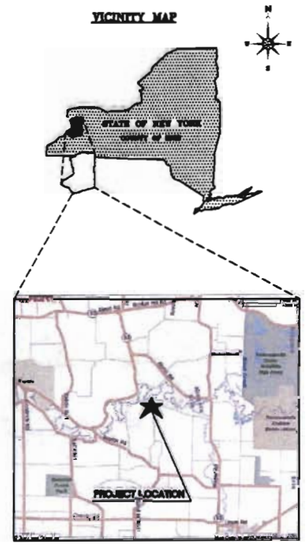
DATE: 10-11-2007

REVISIONS TO BE MADE ON THE CADD FILE ONLY



SCALE: 1"=20'

VICINITY MAP



PROJECT LOCATION MAP

GENERAL NOTES:

1. HORIZONTAL CONTROL: SITE SPECIFIC
2. VERTICAL CONTROL: SITE SPECIFIC
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LEGEND:

FLETCHER ROAD DITCH	
FINAL EXCAVATION LIMIT	
APPROXIMATE PROJECT LIMIT	
APPROXIMATE HWY. BOUNDARY	
SWALE	
TREE	
SOUTHERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00S.
EASTERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00E.
WENDEL DUSCHERER SURVEY COORDINATE	N 00000.000 E 00000.000
POST-EXCAVATION BOTTOM SAMPLES	
POST-EXCAVATION SIDEWALL SAMPLES	
PCB SAMPLES	
DITCH SAMPLES	
PRE-EXCAVATION SAMPLE LOCATIONS	

Rev.	Date	Description	By	Chk
		DRAWN BY: WD SURVEY	DM	DM

NOTICE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING ARE IN VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 147 SECTION 7209. NO REVISIONS ARE PERMITTED UNLESS AUTHORIZED BY THE ENGINEER OF RECORD.

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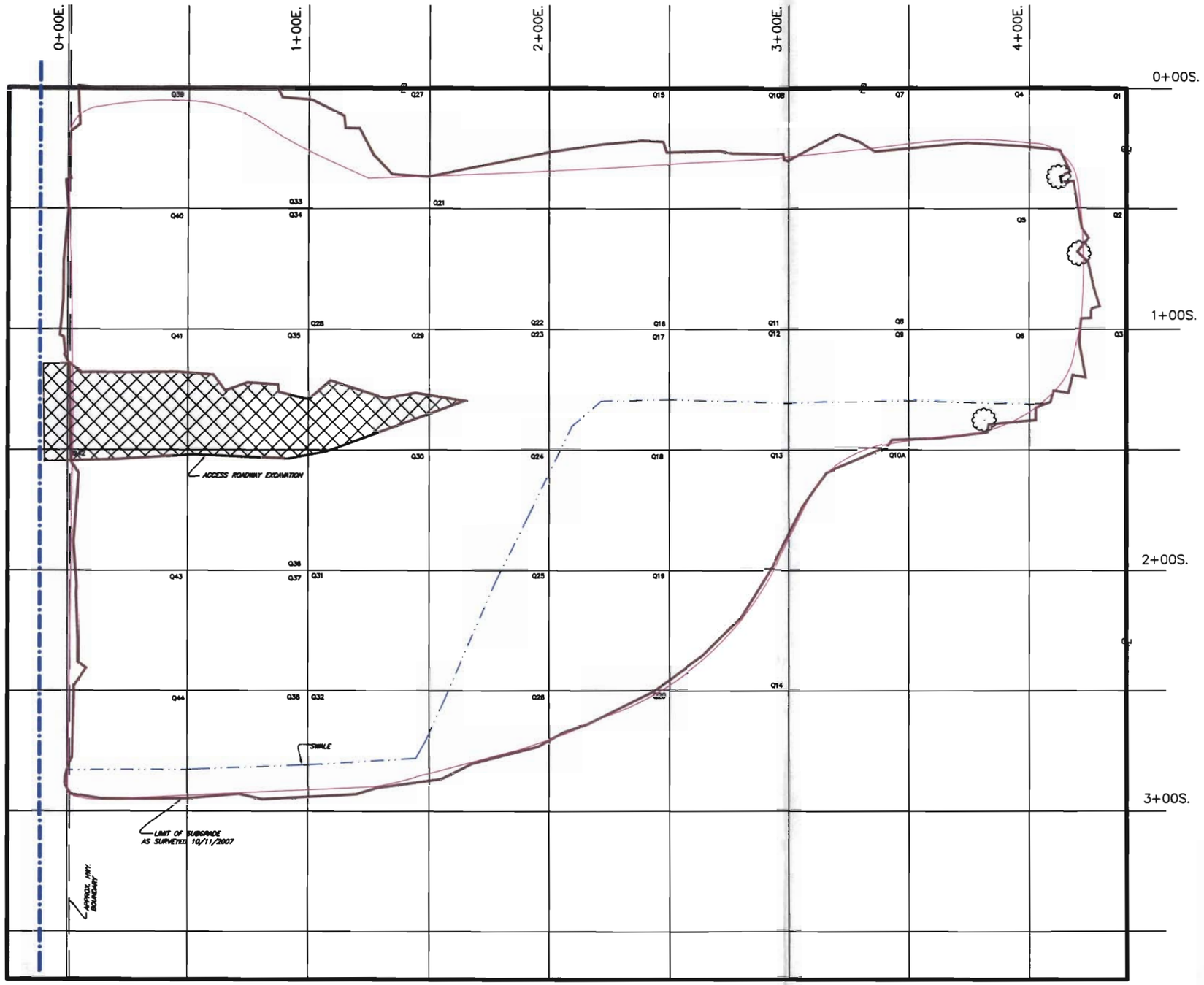
PRE AND POST-EXCAVATION SAMPLE LOCATIONS
INCLUDING PCB AND FLETCHER RD DITCH SAMPLES
8471 FLETCHER ROAD
NEWSTEAD, NEW YORK

SCALE	PROJECT NUMBER	SHEET	REV.
1"=30'	59462	FIGURE 3	0
DATE: 10-11-2007			

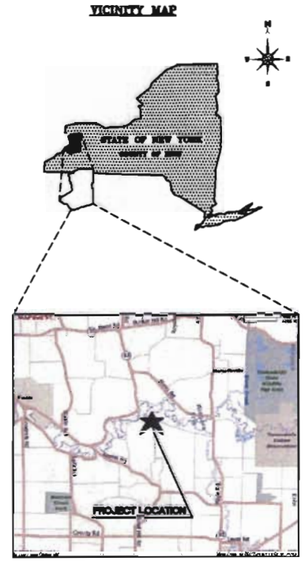
REVISIONS TO BE MADE ON THE CADD FILE ONLY



20 0 20 40 60 80 FEET

SCALE: 1"=20'

VICINITY MAP



PROJECT LOCATION MAP

GENERAL NOTES:

1. HORIZONTAL CONTROL: SITE SPECIFIC
2. VERTICAL CONTROL: SITE SPECIFIC
3. UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN IN THEIR APPROXIMATE LOCATION AND MAY NOT BE SHOWN IN THEIR ENTIRETY VERIFICATION IS REQUIRED PRIOR TO CONSTRUCTION.
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6. WETLAND AREA SHOWN IS SHOWN FROM A MAP PROVIDED BY OTHERS ENTITLED "FIGURE 2, WETLAND BOUNDARY MAP NEWSTEAD SITE, THE SHERWIN-WILLIAMS COMPANY"

LEGEND:

FLETCHER ROAD DITCH	
FINAL EXCAVATION LIMIT	
APPROXIMATE PROJECT LIMIT	
APPROXIMATE HWY. BOUNDARY	
SWALE	
PROPOSED EXCAVATION LIMIT	
TREE	
SOUTHERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00S.
EASTERLY GRID LINE AS SHOWN ON CONSTRUCTION DRAWINGS PREPARED BY ERM	0+00E.
WENDEL DUSCHERER SURVEY COORDINATE	N 00000.000 E 00000.000

Rev.	Date	Description	By	Chk

DRAWN BY WD SURVEY | CADD Station DM | CHECKED BY DM

NOTICE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING ARE IN VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 147 SECTION 7209. NO REVISIONS ARE PERMITTED UNLESS AUTHORIZED BY THE ENGINEER OF RECORD.

ERM Remediation & Construction Management

PROPOSED EXCAVATION LIMITS VERSUS FINAL EXCAVATION LIMITS
8471 FLETCHER ROAD
NEWSTEAD, NEW YORK

SCALE	PROJECT NUMBER	SHEET	REV.
1"=20'	59462	FIGURE 4	0
DATE 10-11-2007			

REVISIONS TO BE MADE ON THE CADD FILE ONLY

Tables

Tables

Table 2-1. Results Summary for Pre-Characterization Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	SS-01	SS-02	SS-03	SS-04
			Date Collected	7/23/2007	7/23/2007	7/23/2007	7/23/2007
			Matrix	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**				
Arsenic - Total	TCLP Metals	MG/L	**5**	0.014	0.010 U	0.010 U	0.010 U
Barium - Total	TCLP Metals	MG/L	**100**	3	0.85	3.1	1.4
Cadmium - Total	TCLP Metals	MG/L	**1**	0.038	0.023	0.69	0.046
Chromium - Total	TCLP Metals	MG/L	**5**	0.26	0.026	0.16	0.043
Lead - Total	TCLP Metals	MG/L	**5**	1.7	0.36	6.7	0.48
Mercury - Total	TCLP Metals	MG/L	**0.2**	0.00045	0.00020 U	0.00020 U	0.00020 U
Selenium - Total	TCLP Metals	MG/L	**1**	0.015 U	0.015 U	0.015 U	0.015 U
Silver - Total	TCLP Metals	MG/L	**5**	0.0030 U	0.0030 U	0.0030 U	0.0030 U
1,4-Dichlorobenzene	8270	UG/L	**7500**	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	8270	UG/L	**130**	10 U	10 U	10 U	10 U
Hexachlorobenzene	8270	UG/L	**130**	10 U	10 U	10 U	10 U
Hexachlorobutadiene	8270	UG/L	**500**	10 U	10 U	10 U	10 U
Hexahloroethane	8270	UG/L	**3000**	11 U	11 U	11 U	11 U
3-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
2-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
4-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
Nitrobenzene	8270	UG/L	**2000**	10 U	10 U	10 U	10 U
Pentachlorophenol	8270	UG/L	**100000**	50 U	50 U	50 U	50 U
Pyridine	8270	UG/L	**5000**	25 U	25 U	25 U	25 U
2,4,5-Trichlorophenol	8270	UG/L	**400000**	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	8270	UG/L	**2000**	10 U	10 U	10 U	10 U
Benzene	8260	UG/L	**500**	10 U	10 U	11	10 U
2-Butanone	8260	UG/L	**200000**	50 U	50 U	50 U	50 U
Carbon Tetrachloride	8260	UG/L	**500**	10 U	10 U	10 U	10 U
Chlorobenzene	8260	UG/L	**100000**	10 U	10 U	10 U	10 U
Chloroform	8260	UG/L	**6000**	10 U	10 U	10 U	10 U
1,2-Dichloroethane	8260	UG/L	**500**	10 U	10 U	10 U	10 U
1,1-Dichloroethene	8260	UG/L	**700**	10 U	10 U	10 U	10 U
Tetrachloroethene	8260	UG/L	**700**	10 U	10 U	10 U	10 U
Trichloroethene	8260	UG/L	**500**	10 U	10 U	10 U	10 U
Vinyl Chloride	8260	UG/L	**200**	10 U	10 U	10 U	10 U
Corrosivity (pH)	Wet Chemistry	S.U.	**<2.0 or >12.5**	5.25	5.55	7.44	7.31
Flashpoint	Wet Chemistry	Deg. F	**140**	>200	>200	>200	>200
H2S Released From Waste	Wet Chemistry	MG/KG	**<100 non reactive**	10 U	10 U	10 U	10 U
HCN Released From Waste	Wet Chemistry	MG/KG	**<100 non reactive**	10 U	10 U	10 U	10 U
Aroclor 1016	8082	UG/KG		21 U	20 U	20 U	21 U
Aroclor 1221	8082	UG/KG		21 U	20 U	20 U	21 U
Aroclor 1232	8082	UG/KG		21 U	20 U	20 U	21 U
Aroclor 1242	8082	UG/KG		21 U	20 U	20 U	21 U
Aroclor 1248	8082	UG/KG		21 U	20 U	20 U	21 U
Aroclor 1254	8082	UG/KG		42	30	20 U	250 U
Aroclor 1260	8082	UG/KG		87	6.9	430000	64
Total PCBs	8082	UG/KG	**1200**	129	36.9	430000	314

Table 2-1. Results Summary for Pre-Characterization Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	SS-05	SS-06	SS-07	SS-08
			Date Collected	7/23/2007	7/23/2007	7/23/2007	7/23/2007
			Matrix	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**				
Arsenic - Total	TCLP Metals	MG/L	**5**	0.017	0.010 U	0.010 U	0.010 U
Barium - Total	TCLP Metals	MG/L	**100**	2.9	2	0.33	1.8
Cadmium - Total	TCLP Metals	MG/L	**1**	0.028	0.039	ND	0.89
Chromium - Total	TCLP Metals	MG/L	**5**	0.32	0.098	3.7	0.013
Lead - Total	TCLP Metals	MG/L	**5**	1.7	0.56	0.0050 U	7.6
Mercury - Total	TCLP Metals	MG/L	**0.2**	0.0016	0.00020 U	0.00020 U	0.00020 U
Selenium - Total	TCLP Metals	MG/L	**1**	0.015 U	0.015 U	0.015 U	0.015 U
Silver - Total	TCLP Metals	MG/L	**5**	0.0030 U	0.0030 U	0.0030 U	0.0030 U
1,4-Dichlorobenzene	8270	UG/L	**7500**	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	8270	UG/L	**130**	10 U	10 U	10 U	10 U
Hexachlorobenzene	8270	UG/L	**130**	10 U	10 U	10 U	10 U
Hexachlorobutadiene	8270	UG/L	**500**	10 U	10 U	10 U	10 U
Hexahloroethane	8270	UG/L	**3000**	11 U	11 U	11 U	11 U
3-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
2-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
4-Methylphenol	8270	UG/L	**200000**	10 U	10 U	10 U	10 U
Nitrobenzene	8270	UG/L	**2000**	10 U	10 U	10 U	10 U
Pentachlorophenol	8270	UG/L	**100000**	50 U	50 U	50 U	50 U
Pyridine	8270	UG/L	**5000**	25 U	25 U	25 U	25 U
2,4,5-Trichlorophenol	8270	UG/L	**400000**	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	8270	UG/L	**2000**	10 U	10 U	10 U	10 U
Benzene	8260	UG/L	**500**	10 U	10 U	10 U	10 U
2-Butanone	8260	UG/L	**200000**	50 U	50 U	50 U	50 U
Carbon Tetrachloride	8260	UG/L	**500**	10 U	10 U	10 U	10 U
Chlorobenzene	8260	UG/L	**100000**	10 U	10 U	10 U	10 U
Chloroform	8260	UG/L	**6000**	10 U	10 U	10 U	10 U
1,2-Dichloroethane	8260	UG/L	**500**	10 U	10 U	10 U	10 U
1,1-Dichloroethene	8260	UG/L	**700**	10 U	10 U	10 U	10 U
Tetrachloroethene	8260	UG/L	**700**	10 U	10 U	10 U	10 U
Trichloroethene	8260	UG/L	**500**	10 U	10 U	10 U	10 U
Vinyl Chloride	8260	UG/L	**200**	10 U	10 U	10 U	10 U
Corrosivity (pH)	Wet Chemistry	S.U.	**<2.0 or >12.5**	6.87	7.5	7.32	7.99
Flashpoint	Wet Chemistry	Deg. F	**140**	>200	>200	>200	>200
H2S Released From Waste	Wet Chemistry	MG/KG	**<100 non reactive**	10 U	10 U	10 U	10 U
HCN Released From Waste	Wet Chemistry	MG/KG	**<100 non reactive**	10 U	10 U	10 U	10 U
Aroclor 1016	8082	UG/KG		20 U	19 U	21 U	20 U
Aroclor 1221	8082	UG/KG		20 U	19 U	21 U	20 U
Aroclor 1232	8082	UG/KG		20 U	19 U	21 U	20 U
Aroclor 1242	8082	UG/KG		20 U	19 U	21 U	20 U
Aroclor 1248	8082	UG/KG		20 U	19 U	21 U	20 U
Aroclor 1254	8082	UG/KG		130	430	170 U	610 U
Aroclor 1260	8082	UG/KG		19	96	110	480
Total PCBs	8082	UG/KG	**1200**	149	526	280	1090

Table 2-1. Results Summary for Pre-Characterization Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	SS-09	SS-10	SS-11
			Date Collected	7/23/2007	7/23/2007	7/23/2007
			Matrix	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit			
Arsenic - Total	TCLP Metals	MG/L	5	0.010 U	0.010 U	0.010 U
Barium - Total	TCLP Metals	MG/L	100	0.54	0.4	0.81
Cadmium - Total	TCLP Metals	MG/L	1	0.0032	0.0028	0.011
Chromium - Total	TCLP Metals	MG/L	5	0.0048	0.013	ND
Lead - Total	TCLP Metals	MG/L	5	0.13	0.015	0.013
Mercury - Total	TCLP Metals	MG/L	0.2	0.00020 U	0.00020 U	0.00020 U
Selenium - Total	TCLP Metals	MG/L	1	0.015 U	0.015 U	0.015 U
Silver - Total	TCLP Metals	MG/L	5	0.0030 U	0.0030 U	0.0030 U
1,4-Dichlorobenzene	8270	UG/L	7500	10 U	10 U	10 U
2,4-Dinitrotoluene	8270	UG/L	130	10 U	10 U	10 U
Hexachlorobenzene	8270	UG/L	130	10 U	10 U	10 U
Hexachlorobutadiene	8270	UG/L	500	10 U	10 U	10 U
Hexahloroethane	8270	UG/L	3000	11 U	11 U	11 U
3-Methylphenol	8270	UG/L	200000	10 U	10 U	10 U
2-Methylphenol	8270	UG/L	200000	10 U	10 U	10 U
4-Methylphenol	8270	UG/L	200000	10 U	10 U	10 U
Nitrobenzene	8270	UG/L	2000	10 U	10 U	10 U
Pentachlorophenol	8270	UG/L	100000	50 U	50 U	50 U
Pyridine	8270	UG/L	5000	25 U	25 U	25 U
2,4,5-Trichlorophenol	8270	UG/L	400000	10 U	10 U	10 U
2,4,6-Trichlorophenol	8270	UG/L	2000	10 U	10 U	10 U
Benzene	8260	UG/L	500	10 U	10 U	10 U
2-Butanone	8260	UG/L	200000	50 U	50 U	50 U
Carbon Tetrachloride	8260	UG/L	500	10 U	10 U	10 U
Chlorobenzene	8260	UG/L	100000	10 U	10 U	10 U
Chloroform	8260	UG/L	6000	10 U	10 U	10 U
1,2-Dichloroethane	8260	UG/L	500	10 U	10 U	10 U
1,1-Dichloroethene	8260	UG/L	700	10 U	10 U	10 U
Tetrachloroethene	8260	UG/L	700	10 U	10 U	10 U
Trichloroethene	8260	UG/L	500	10 U	10 U	10 U
Vinyl Chloride	8260	UG/L	200	10 U	10 U	10 U
Corrosivity (pH)	Wet Chemistry	S.U.	<2.0 or >12.5	7.39	7.35	7.45
Flashpoint	Wet Chemistry	Deg. F	140	>200	>200	>200
H2S Released From Waste	Wet Chemistry	MG/KG	<100 non reactive	10 U	10 U	10 U
HCN Released From Waste	Wet Chemistry	MG/KG	<100 non reactive	10 U	10 U	10 U
Aroclor 1016	8082	UG/KG		20 U	20 U	25 U
Aroclor 1221	8082	UG/KG		20 U	20 U	25 U
Aroclor 1232	8082	UG/KG		20 U	20 U	25 U
Aroclor 1242	8082	UG/KG		20 U	20 U	25 U
Aroclor 1248	8082	UG/KG		20 U	20 U	25 U
Aroclor 1254	8082	UG/KG		45 U	20 U	25 U
Aroclor 1260	8082	UG/KG		10 J	20	25 U
Total PCBs	8082	UG/KG	1200	55	ND	ND U

MG/L - Milligrams per liter UG/L - Micrograms per
S.U. - Standard Units Deg. F - Degrees Fahrenheit
MG/KG - Milligram per kilogram
UG/KG - Micrograms per kilogram
U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-2. Results Summary for Ditch Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Sample ID / Date Collected / Matrix / Project Action Limit	DITCH-NORTH 8/3/2007 SOIL	DITCH-SOUTH 8/3/2007 SOIL	DITCH 1 (~120' south of Ditch South) 9/19/2007 SOIL	DITCH 2 (~100' north of Ditch North) 9/19/2007 SOIL	DITCH 3 (~200' north of Ditch North) 9/19/2007 SOIL
Benzene	8260/5035	UG/KG	**60**	6 U	6 U	8 U	10 U	8 U
Ethylbenzene	8260/5035	UG/KG	**5500**	6 U	6 U	8 U	10 U	8 U
Total Xylenes	8260/5035	UG/KG	**1200**	17 U	19 U	26 U	29 U	24 U
Aroclor 1016	8082	UG/KG		20 U	19 U	22 U	23 U	19 U
Aroclor 1221	8082	UG/KG		20 U	19 U	22 U	23 U	19 U
Aroclor 1232	8082	UG/KG		20 U	19 U	22 U	23 U	19 U
Aroclor 1242	8082	UG/KG		6 J	19 U	22 U	23 U	19 U
Aroclor 1248	8082	UG/KG		20 U	19 U	22 U	23 U	19 U
Aroclor 1254	8082	UG/KG		20 U	19 U	22 U	74	23
Aroclor 1260	8082	UG/KG		20 U	280	8.4 J	46	22
Total PCBs	8082	UG/KG	**1200**	6	280	8.4	120	45
Barium - Total	6010	MG/KG	**350**	51.7	45.6	103 J	167 J	124 J
Cadmium - Total	6010	MG/KG	**SB (1.0)**	0.43	0.63	0.62	2	1
Chromium - Total	6010	MG/KG	**38**	10.6	8.5	18.7	32.4	27
Lead - Total	6010	MG/KG	**400**	8.1	38.7	52.5 J	171 J	106 J
Mercury - Total	7471	MG/KG	**1**	0.031	0.12	0.067 J	0.078 J	0.067 J
Zinc - Total	6010	MG/KG	**SB (69.0)**	43.2	101	169 J	249 J	172 J

UG/KG - Micrograms per liter
MG/KG - Milligrams per kilogram
U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-3. Results Summary for Post-Excavation Bottom Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-BTM-01	PE-BTM-02	PE-BTM-Q4-06	PE-BTM-Q5-09	PE-BTM-Q6-11	PW-BTM-Q7/10B-18
				Date Collected	8/3/2007	8/7/2007	8/15/2007	8/15/2007	8/16/2007	8/20/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		5 U	12 U	5 U	6 U	6 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500		5 U	12 U	5 U	6 U	6 U	6 U
Total Xylenes	8260/5035	UG/KG	1200		16 U	35 U	16 U	19 U	18 U	17 U
Aroclor 1016	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	18 UJ
Aroclor 1221	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	18 UJ
Aroclor 1232	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	18 UJ
Aroclor 1242	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	18 UJ
Aroclor 1248	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	18 UJ
Aroclor 1254	8082	UG/KG			41	20 J	17 U	200	18 U	18 UJ
Aroclor 1260	8082	UG/KG			18 U	32 U	17 U	18 U	18 U	36 J
Total PCBs	8082	UG/KG	1200		41	20	ND	200	ND	36
Barium - Total	6010	MG/KG	350		84	229	19.4 J	167 J	80.6	98 J
Cadmium - Total	6010	MG/KG	SB (1.0)		0.58	0.66	0.21 U	1.4	0.21 U	0.22 U
Chromium - Total	6010	MG/KG	38		14.1	29.4	5.2 J	35.4 J	12.2	15.4
Lead - Total	6010	MG/KG	400		16.1	23.8	3.8 J	117 J	7.4	8.4 J
Mercury - Total	7471	MG/KG	1		0.025	0.121	0.016 U	0.13	0.027	0.031
Zinc - Total	6010	MG/KG	SB (69.0)		55.7	157	24.7 J	119 J	46.4	47.4 J
				Approximate Sample Depth						

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-BTM-Q8-16	PE-BTM-Q9-15	PE-BTM-Q11-19	PE-BTM-Q12-20	PE-BTM-Q13-21	PE-BTM-Q15/Q21-57
				Date Collected	8/20/2007	8/20/2007	8/20/2007	8/20/2007	8/20/2007	9/18/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		6 U	6 U	6 U	5 U	5 U	5 U
Ethylbenzene	8260/5035	UG/KG	5500		6 U	6 U	6 U	5 U	5 U	5 U
Total Xylenes	8260/5035	UG/KG	1200		17 U	17 U	18 U	16 U	16 U	16 U
Aroclor 1016	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	18 U
Aroclor 1221	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	18 U
Aroclor 1232	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	18 U
Aroclor 1242	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	18 U
Aroclor 1248	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	18 U
Aroclor 1254	8082	UG/KG			110 J	41 J	430 J	18 UJ	18 UJ	120
Aroclor 1260	8082	UG/KG			18 UJ	18 UJ	87 UJ	18 UJ	18 UJ	88
Total PCBs	8082	UG/KG	1200		110	41	430	ND	ND	208
Barium - Total	6010	MG/KG	350		114 J	114 J	78.2 J	49.8 J	90 J	89.1 J
Cadmium - Total	6010	MG/KG	SB (1.0)		0.28	0.86	0.8	0.21 U	0.22 U	0.22 U
Chromium - Total	6010	MG/KG	38		18.6	20.4	15.1	18.9	14.6	16.4
Lead - Total	6010	MG/KG	400		33.3 J	47.6 J	47.5 J	10.1 J	10.3 J	14.1 J
Mercury - Total	7471	MG/KG	1		0.061	0.031	0.024	0.02	0.032	0.021
Zinc - Total	6010	MG/KG	SB (69.0)		90.2 J	92.7 J	83.4 J	44.3 J	50.5 J	56.1 J
				Approximate Sample Depth						

Table 2-3. Results Summary for Post-Excavation Bottom Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-BTM-Q16-26	PE-BTM-Q16-26DUP	PE-BTM-Q17-25	PE-BTM-Q18-24	PE-BTM-Q19-28
				Date Collected	8/21/2007	8/21/2007	8/21/2007	8/21/2007	8/23/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		5 U	6 U	5 U	6 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500		5 U	6 U	5 U	6 U	6 U
Total Xylenes	8260/5035	UG/KG	1200		16 U	17 U	16 U	17 U	17 U
Aroclor 1016	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1221	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1232	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1242	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1248	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1254	8082	UG/KG			18 U	18 U	18 U	21 U	18 U
Aroclor 1260	8082	UG/KG			5.8 J	14 J	3.8 J	21 U	18 U
Total PCBs	8082	UG/KG	1200		5.8	14	3.8	ND	ND
Barium - Total	6010	MG/KG	350		43.4	33.6	15.6	128	34.5
Cadmium - Total	6010	MG/KG	SB (1.0)		0.39	0.29	0.22 U	0.61	0.21 U
Chromium - Total	6010	MG/KG	38		8.6	7.3	5.7	18.9	8.3
Lead - Total	6010	MG/KG	400		7.9	5.2	5.9	25.9	4.5
Mercury - Total	7471	MG/KG	1		0.023	0.019 U	0.019 U	0.053	0.019 U
Zinc - Total	6010	MG/KG	SB (69.0)		24.5	20.6	22.2	71.9	28.3
				Approximate Sample Depth					

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-BTM-Q22-63	PE-BTM-Q23-62	PE-BTM-Q24-61	PE-BTM-Q25-41	PE-BTM-Q26/Q32-48
				Date Collected	9/26/2007	9/21/2007	9/20/2007	9/13/2007	9/14/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		6 U	5 U	6 U	6 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500		6 U	5 U	6 U	6 U	6 U
Total Xylenes	8260/5035	UG/KG	1200		17 U	16 U	18 U	19 U	19 U
Aroclor 1016	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Aroclor 1221	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Aroclor 1232	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Aroclor 1242	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Aroclor 1248	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Aroclor 1254	8082	UG/KG			18 U	30	17 U	18 U	17 U
Aroclor 1260	8082	UG/KG			18 U	18 U	17 U	18 U	17 U
Total PCBs	8082	UG/KG	1200		ND			ND	ND
Barium - Total	6010	MG/KG	350		17.8	36.1 J	82.1	153	35.9
Cadmium - Total	6010	MG/KG	SB (1.0)		0.21 U	0.24 J	0.21 U	0.8	0.22 U
Chromium - Total	6010	MG/KG	38		4	24.1 J	12.1	19.5	7
Lead - Total	6010	MG/KG	400		3.2	30.3	6.9	44.1	4.2
Mercury - Total	7471	MG/KG	1		0.02 U	0.069 J	0.024 J	0.08	0.016 U
Zinc - Total	6010	MG/KG	SB (69.0)		24.9	38 J	35.5	125	29.1
				Approximate Sample Depth					

Table 2-3. Results Summary for Post-Excavation Bottom Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	PE-BTM-Q27/Q33-56	PE-BTM-Q28-67	PE-BTM-Q28-71 PCB	PE-BTM-Q29-68	PE-BTM-Q30-60
			Date Collected	9/18/2007	10/3/2007	10/10/2007	10/3/2007	9/20/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**					
Benzene	8260/5035	UG/KG	60	5 U	6 U	6 U	6 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500	5 U	6 U	6 U	6 U	6 U
Total Xylenes	8260/5035	UG/KG	1200	16 U	17 U	17 U	18 U	19 U
Aroclor 1016	8082	UG/KG		18 U	18 U	19 U	19 U	19 U
Aroclor 1221	8082	UG/KG		18 U	18 U	19 U	19 U	19 U
Aroclor 1232	8082	UG/KG		18 U	18 U	19 U	19 U	19 U
Aroclor 1242	8082	UG/KG		18 U	18 U	19 U	19 U	19 U
Aroclor 1248	8082	UG/KG		18 U	18 U	19 U	19 U	19 U
Aroclor 1254	8082	UG/KG		18 U	18 U	19 U	19 U	120
Aroclor 1260	8082	UG/KG		19	16 J	19 U	19 U	19 U
Total PCBs	8082	UG/KG	1200	19	16	ND	ND	120
Barium - Total	6010	MG/KG	350	24.9 J	43.8	16.1	17.1	98.6
Cadmium - Total	6010	MG/KG	SB (1.0)	0.23 U	0.21 U	0.22 U	0.22 U	0.25 U
Chromium - Total	6010	MG/KG	38	12.2	5.2	4.2	5.1	13.6
Lead - Total	6010	MG/KG	400	16.8 J	9.1	4.1	4	9.5
Mercury - Total	7471	MG/KG	1	0.017 U	0.02 UJ	0.02 U	0.02 UJ	0.022 J
Zinc - Total	6010	MG/KG	SB (69.0)	56.2 J	35	21.8	33	41.6
			Approximate Sample Depth					

			Sample ID	PE-BTM-Q31-42	PE-BTM-Q34-49	PE-BTM-Q35-55	PE-BTM-Q36-59	PE-BTM-Q37-45
			Date Collected	9/13/2007	9/14/2007	9/18/2007	9/19/2007	9/14/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**					
Benzene	8260/5035	UG/KG	60	7 U	6 U	6 U	6 U	9 U
Ethylbenzene	8260/5035	UG/KG	5500	7 U	6 U	6 U	6 U	9 U
Total Xylenes	8260/5035	UG/KG	1200	21 U	17 U	20 U	17 U	27 U
Aroclor 1016	8082	UG/KG		19 U	17 U		17 U	19 U
Aroclor 1221	8082	UG/KG		19 U	17 U	18 U	17 U	19 U
Aroclor 1232	8082	UG/KG		19 U	17 U	18 U	17 U	19 U
Aroclor 1242	8082	UG/KG		19 U	17 U	18 U	17 U	19 U
Aroclor 1248	8082	UG/KG		19 U	17 U	18 U	17 U	19 U
Aroclor 1254	8082	UG/KG		19 U	12 J	18 U	32	19 U
Aroclor 1260	8082	UG/KG		19 U	5.9 J	18 U	15 J	19 U
Total PCBs	8082	UG/KG	1200	ND	17.9	18	47	ND
Barium - Total	6010	MG/KG	350	123	30	119 J	83.9 J	143
Cadmium - Total	6010	MG/KG	SB (1.0)	0.63	1.6	0.29 J	3.1	1.1
Chromium - Total	6010	MG/KG	38	16.7	8.1	21.2	19.6	15.5
Lead - Total	6010	MG/KG	400	35.1	22	39.9 J	115 J	130
Mercury - Total	7471	MG/KG	1	0.093	0.018 U	0.033	0.086 J	0.081
Zinc - Total	6010	MG/KG	SB (69.0)	113	318	74.1 J	173 J	353
			Approximate Sample Depth					

Table 2-3. Results Summary for Post-Excavation Bottom Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	PE-BTM-Q37-45 DUP	PE-BTM-Q38-46	PE-BTM-Q39-34	PE-BTM-Q39-35 Blind DUP	PE-BTM-Q40-43
			Date Collected	9/14/2007	9/14/2007	8/27/2007	8/27/2007	9/13/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit					
Benzene	8260/5035	UG/KG	60	8 U	6 U	6 U	7 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500	8 U	6 U	6 U	7 U	6 U
Total Xylenes	8260/5035	UG/KG	1200	25 U	20 U	18 U	20 U	18 U
Aroclor 1016	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Aroclor 1221	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Aroclor 1232	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Aroclor 1242	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Aroclor 1248	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Aroclor 1254	8082	UG/KG		18 U	18 U	18 U	18 U	10 J
Aroclor 1260	8082	UG/KG		18 U	18 U	18 U	18 U	19 U
Total PCBs	8082	UG/KG	1200	ND	ND	ND	ND	10
Barium - Total	6010	MG/KG	350	108	103	15	18.7	13
Cadmium - Total	6010	MG/KG	SB (1.0)	0.88	0.34	0.21 U	0.22 U	0.21 U
Chromium - Total	6010	MG/KG	38	14.3	17.2	4.2	4.9	3.2
Lead - Total	6010	MG/KG	400	147	30.2	4	4.5	2.7
Mercury - Total	7471	MG/KG	1	0.057	0.033	0.017 U	0.018 U	0.019 U
Zinc - Total	6010	MG/KG	SB (69.0)	304	94.6	27.6	28.6	17.1
			Approximate Sample Depth					

			Sample ID	PE-BTM-Q41-44	PE-BTM-Q42-58	PE-BTM-Q42-77	PE-BTM-Q43-54	PE-BTM-Q44-51
			Date Collected	9/13/2007	9/19/2007	10/25/2007	9/18/2007	9/17/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit					
Benzene	8260/5035	UG/KG	60	6 U	6 U	5 U	8 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500	6 U	6 U	5 U	8 U	6 U
Total Xylenes	8260/5035	UG/KG	1200	18 U	19 U	15 U	25 U	19 U
Aroclor 1016	8082	UG/KG		20 U	72 U	19 U	20 U	19 U
Aroclor 1221	8082	UG/KG		20 U	72 U	19 U	20 U	19 U
Aroclor 1232	8082	UG/KG		20 U	72 U	19 U	20 U	19 U
Aroclor 1242	8082	UG/KG		20 U	72 U	19 U	20 U	19 U
Aroclor 1248	8082	UG/KG		20 U	72 U	19 U	20 U	19 U
Aroclor 1254	8082	UG/KG		20 U	490	19 U	20 U	19 U
Aroclor 1260	8082	UG/KG		20 U	260	19 U	20 U	19 U
Total PCBs	8082	UG/KG	1200	ND	750	ND	ND	ND
Barium - Total	6010	MG/KG	350	15.3	349 J	102	127 J	93.5
Cadmium - Total	6010	MG/KG	SB (1.0)	0.26	12.4	0.32	0.37 J	0.23 U
Chromium - Total	6010	MG/KG	38	6.5	48	14.5	16.8	16.2
Lead - Total	6010	MG/KG	400	4.7	453 J	11.3	37.9 J	26.8
Mercury - Total	7471	MG/KG	1	0.02 U	0.129 J	0.025	0.074	0.061
Zinc - Total	6010	MG/KG	SB (69.0)	26.4	1060 J	78.4	73.9 J	82.4
			Approximate Sample Depth					

UG/KG - Micrograms per kilogram
MG/KG - Milligram per kilogram
U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.
UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-4. Results Summary of Sidewall Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-SW-Q1-07	PE-SW-Q2-08	PE-SW-Q3-10	PE-SW-Q4-05	PE-SW-Q6-12	PE-SW-Q7-17	PE-SW-Q10A-13
				Date Collected	8/15/2007	8/15/2007	8/16/2007	8/15/2007	8/16/2007	8/20/2007	8/16/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		6 U	5 U	6 U	7 U	7 U	7 U	9 U
Ethylbenzene	8260/5035	UG/KG	5500		6 U	5 U	6 U	7 U	7 U	4 J	9 U
Total Xylenes	8260/5035	UG/KG	1200		17 U	16 U	19 U	22 U	22 U	64	26 U
Aroclor 1016	8082	UG/KG			17 U	17 U	18 U	17 U	92 U	18 UJ	20 U
Aroclor 1221	8082	UG/KG			17 U	17 U	18 U	17 U	92 U	18 UJ	20 U
Aroclor 1232	8082	UG/KG			17 U	17 U	18 U	17 U	92 U	18 UJ	20 U
Aroclor 1242	8082	UG/KG			17 U	17 U	18 U	17 U	92 U	18 UJ	20 U
Aroclor 1248	8082	UG/KG			17 U	17 U	18 U	17 U	92 U	18 UJ	20 U
Aroclor 1254	8082	UG/KG			12 J	17 U	18 U	27	820 J	18 UJ	24 J
Aroclor 1260	8082	UG/KG			7.4 J	17 U	18 U	6 J	120 J	18 UJ	20 U
Total PCBs	8082	UG/KG	1200		19.4	ND	ND	33	940	ND	24
Barium - Total	6010	MG/KG	350		40.9 J	11.1 J	76.6	167 J	270	120 J	205
Cadmium - Total	6010	MG/KG	SB (1.0)		0.21 U	0.22 U	0.21 U	1	2.4	0.4	4.4
Chromium - Total	6010	MG/KG	38		9.3 J	6.1 J	14.5	33 J	45.9	40.8	60.8
Lead - Total	6010	MG/KG	400		35.4 J	3.5 J	28.2	180 J	216	367 J	185
Mercury - Total	7471	MG/KG	1		0.016 U	0.019 U	0.024	0.059	0.097	0.052	0.11
Zinc - Total	6010	MG/KG	SB (69.0)		52.4 J	33.3 J	64.6	205 J	338	78.5 J	265
				Approximate Sample Depth	9"	9"	9"	12-18"	9"	9"	9"

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-SW-Q10B-27	PE-SW-Q10B-70	PE-SW-Q10B-72	PE-SW-Q13-14	PE-SW-Q14-30	PE-SW-Q15-22	PE-SW-Q15-69
				Date Collected	8/22/2007	10/5/2007	10/22/2007	8/16/2007	8/23/2007	8/21/2007	10/5/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		6 U	7 U	5 U	8 U	9 U	8 U	6 U
Ethylbenzene	8260/5035	UG/KG	5500		6 U	7 U	5 U	8 U	9 U	8 U	6 U
Total Xylenes	8260/5035	UG/KG	1200		19 U	20 U	16 U	25 U	26 U	25 U	19 U
Aroclor 1016	8082	UG/KG			36 U	19 U	17 U	19 U	22 U	200 UJ	19 U
Aroclor 1221	8082	UG/KG			36 U	19 U	17 U	19 U	22 U	200 UJ	19 U
Aroclor 1232	8082	UG/KG			36 U	19 U	17 U	19 U	22 U	200 UJ	19 U
Aroclor 1242	8082	UG/KG			36 U	19 U	17 U	19 U	22 U	200 UJ	19 U
Aroclor 1248	8082	UG/KG			36 U	19 U	17 U	19 U	22 U	200 UJ	19 U
Aroclor 1254	8082	UG/KG			36 U	19 U	17 U	35 J	22 U	200 UJ	19 U
Aroclor 1260	8082	UG/KG			290	24	17 U	19 U	22 U	1900 J	4.3 J
Total PCBs	8082	UG/KG	1200		290	24	ND	35	ND	1900	4.3
Barium - Total	6010	MG/KG	350		364 J	239 J	26.1	144	127	413	63.2 J
Cadmium - Total	6010	MG/KG	SB (1.0)		2.3 J	1.2	0.2 U	0.41	0.57	7.2	0.62
Chromium - Total	6010	MG/KG	38		121 J	280 J	7.5	20.8	17.8	100	12.3 J
Lead - Total	6010	MG/KG	400		735 J	1870 J	17.5	38.8	28.1	754	55.6 J
Mercury - Total	7471	MG/KG	1		0.088	0.078	0.018 U	0.082	0.087	0.286	0.031
Zinc - Total	6010	MG/KG	SB (69.0)		603 J	222 J	21.9	101	309	634	80.2 J
				Approximate Sample Depth	9"	9"		9"	9"	9"	9"

Table 2-4. Results Summary of Sidewall Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-SW-Q15-73	PE-SW-Q20-29	PE-SW-Q21-23	PE-SW-Q26-39	PE-SW-Q27-36	PE-SW-Q27-66	PE SW-Q27-76
				Date Collected	10/22/2007	8/23/2007	8/21/2007	9/12/2007	9/12/2007	10/3/2007	10/24/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		6 U	9 U	5 U	8 U	10 U	8 U	8 U
Ethylbenzene	8260/5035	UG/KG	5500		6 U	9 U	5 U	8 U	10 U	8 U	8 U
Total Xylenes	8260/5035	UG/KG	1200		17 U	27 U	16 U	23 U	29 U	23 U	25 U
Aroclor 1016	8082	UG/KG			17 U	24 U	17 U	24 U	11000 U	1000 U	22 U
Aroclor 1221	8082	UG/KG			17 U	24 U	17 U	24 U	11000 U	1000 U	22 U
Aroclor 1232	8082	UG/KG			17 U	24 U	17 U	24 U	11000 U	1000 U	22 U
Aroclor 1242	8082	UG/KG			17 U	24 U	17 U	24 U	11000 U	1000 U	22 U
Aroclor 1248	8082	UG/KG			17 U	24 U	17 U	24 U	11000 U	1000 U	22 U
Aroclor 1254	8082	UG/KG			17 U	24 U	17 U	44	11000 U	1000 U	22 U
Aroclor 1260	8082	UG/KG			67	24 U	17 U	42	34000	5000	28
Total PCBs	8082	UG/KG	1200		67	ND	ND	86	34,000	5000	28
Barium - Total	6010	MG/KG	350		30.2	120	124	124	5,160	1550	176
Cadmium - Total	6010	MG/KG	SB (1.0)		0.21 U	0.83	0.36	1.4	219	20.6	1.5
Chromium - Total	6010	MG/KG	38		6.2	17.2	12.1	19.5	1,910	247	24.7
Lead - Total	6010	MG/KG	400		4.8	27.1	49.6	125	18,000	2340	126
Mercury - Total	7471	MG/KG	1		0.019 U	0.083	0.018 U	0.071	0.527	0.229 J	0.085
Zinc - Total	6010	MG/KG	SB (69.0)		25.9	95.5	80.2	141	11,800	2330	163
				Approximate Sample Depth		12-18"	9"	6"	1"	1"	

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-SW-Q32-40	PE-SW-Q33-32	PE-SW-Q33-33	PE-SW-Q33-65	PE-SW-Q38-47	PE-SW-Q39-31	PE-SW-Q39-64
				Date Collected	9/12/2007	8/24/2007	8/24/2007	10/3/2007	9/14/2007	8/24/2007	10/3/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	60		7 U	6 U	9 U	6 U	7 U	8 U	8 U
Ethylbenzene	8260/5035	UG/KG	5500		7 U	6 U	9 U	6 U	7 U	8 U	8 U
Total Xylenes	8260/5035	UG/KG	1200		22 U	19 U	26 U	19 U	22 U	26 U	24 U
Aroclor 1016	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	20 U	19 U
Aroclor 1221	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	20 U	19 U
Aroclor 1232	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	20 U	19 U
Aroclor 1242	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	20 U	19 U
Aroclor 1248	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	20 U	19 U
Aroclor 1254	8082	UG/KG			22 U	19 U	960 U	21 U	20 U	66	19 U
Aroclor 1260	8082	UG/KG			22 U	19 U	4900	46	17 J	29	26
Total PCBs	8082	UG/KG	1200		ND	ND	4,900	46	17	95	26
Barium - Total	6010	MG/KG	350		91.3	177	3,420	488	89	160	112
Cadmium - Total	6010	MG/KG	SB (1.0)		0.58	0.81	89.8	2.8	0.26 U	0.97	0.54
Chromium - Total	6010	MG/KG	38		15.1	23.5	666	41.1	13.5	30.8	16.3
Lead - Total	6010	MG/KG	400		22.8	18.2	5,140	257	21.8	102	28
Mercury - Total	7471	MG/KG	1		0.053	0.122	0.63	0.069 J	0.045	0.156	0.03 J
Zinc - Total	6010	MG/KG	SB (69.0)		78.8	90.1	3,900	359	76.1	141	108
				Approximate Sample Depth	6"	9"	9"	9"	6"	9"	9"

Table 2-4. Results Summary of Sidewall Samples
Newstead Superfund Site
Town of Newstead, New York

Analyte	Method Id	Units	Project Action Limit	Sample ID	PE-SW-Q40-37	PE-SW-Q41-38	PE-SW-Q42-62	PE-SW-Q43-53	PE-SW-Q44-50	PE-SW-Q44-52
				Date Collected	9/12/2007	9/12/2007	9/25/2007	9/17/2007	9/17/2007	9/17/2007
				Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Benzene	8260/5035	UG/KG	**60**		5 U	6 U	6 U	6 U	6 U	7 U
Ethylbenzene	8260/5035	UG/KG	**5500**		5 U	6 U	6 U	6 U	6 U	7 U
Total Xylenes	8260/5035	UG/KG	**1200**		16 U	16 U	16 U	18 U	18 U	20 U
Aroclor 1016	8082	UG/KG			18 U	18 U	19 U	18 U	20 U	18 U
Aroclor 1221	8082	UG/KG			18 U	18 U	19 U	18 U	20 U	18 U
Aroclor 1232	8082	UG/KG			18 U	18 U	19 U	18 U	20 U	18 U
Aroclor 1242	8082	UG/KG			18 U	18 U	19 U	18 U	20 U	18 U
Aroclor 1248	8082	UG/KG			18 U	18 U	19 U	18 U	20 U	18 U
Aroclor 1254	8082	UG/KG			18 U	81	19 U	18 U	20 U	18 U
Aroclor 1260	8082	UG/KG			18 U	57	9.3 J	18 U	13 J	18 U
Total PCBs	8082	UG/KG	**1200**		ND	138	9.3	ND	13	ND
Barium - Total	6010	MG/KG	**350**		26.6	40.3	93	77.1	79.6	74.6
Cadmium - Total	6010	MG/KG	**SB (1.0)**		0.22	0.29	1.1	0.23 U	0.27 U	0.22 U
Chromium - Total	6010	MG/KG	**38**		6.3	6.4	17.3	13.9	12.4	14.1
Lead - Total	6010	MG/KG	**400**		10.3	8.3	61.4	28.2	27.7	15.6
Mercury - Total	7471	MG/KG	**1**		0.019 U	0.024	0.061	0.032	0.038	0.024
Zinc - Total	6010	MG/KG	**SB (69.0)**		35.7	43.6	178	97	71.7	59.4
				Approximate Sample Depth	**2"**	**2"**	**24-30"**	**1'**	**1'**	**1'**

UG/KG - Micrograms per kilogram
MG/KG - Milligram per kilogram
U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-5. Results Summary of PCB Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	GP-1A	GP-1B	GP-2A	GP-2B	GP-3A	GP-3B
			Date Collected	8/22/2007	8/22/2007	8/22/2007	8/22/2007	8/22/2007	8/22/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**						
Aroclor 1016	8082	UG/KG		ND	ND	ND	ND	ND	ND
Aroclor 1221	8082	UG/KG		ND	ND	ND	ND	ND	ND
Aroclor 1232	8082	UG/KG		ND	ND	ND	ND	ND	ND
Aroclor 1242	8082	UG/KG		ND	ND	ND	ND	ND	ND
Aroclor 1248	8082	UG/KG		ND	ND	ND	ND	ND	ND
Aroclor 1254	8082	UG/KG		1400	ND	10,000	ND	ND	ND
Aroclor 1260	8082	UG/KG		1400	ND	4600	ND	4200	230
Total PCBs			**1200**	2800	ND	14,600	ND	4200	230

			Sample ID	GP-4A	GP-4B	A-1	A-2	A-3	A-4
			Date Collected	8/22/2007	8/22/2007	8/31/2007	8/31/2007	8/31/2007	8/31/2007
			Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Analyte	**Method Id**	**Units**	**Project Action Limit**						
Aroclor 1016	8082	UG/KG		ND	ND	1500 U	610 U	2800 U	590 U
Aroclor 1221	8082	UG/KG		ND	ND	1500 U	610 U	2800 U	590 U
Aroclor 1232	8082	UG/KG		ND	ND	1500 U	610 U	2800 U	590 U
Aroclor 1242	8082	UG/KG		ND	ND	1500 U	610 U	2800 U	590 U
Aroclor 1248	8082	UG/KG		ND	ND	1500 U	610 U	2800 U	590 U
Aroclor 1254	8082	UG/KG		ND	210	1500 U	610 U	2800 U	590 U
Aroclor 1260	8082	UG/KG		16000	250	8300	5100	17000	4500
Total PCBs			**1200**	16000	460	8300	5100	17000	4500

UG/KG - Microgram per kilogram

U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-6. Results Summary of Backfill and Topsoil Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	BF-1	BF-2	BF-3	BF-4
			Date Collected	9/6/2007	9/6/2007	9/6/2007	9/6/2007
			Matrix	SOIL	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit				
Aroclor 1016	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1221	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1232	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1242	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1248	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1254	8082	UG/KG		17 U	17 U	20 U	16 U
Aroclor 1260	8082	UG/KG		17 U	17 U	20 U	16 U
Total PCBs			1200	ND	ND	ND	ND
1,1,1-Trichloroethane	8260	UG/KG	800	5 U	5 U	6 U	5 U
1,1,2,2-Tetrachloroethane	8260	UG/KG	600	5 U	5 U	6 U	5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260	UG/KG	6000	5 U	5 U	6 U	5 U
1,1-Dichloroethane	8260	UG/KG	200	5 U	5 U	6 U	5 U
1,1-Dichloroethene	8260	UG/KG	400	5 U	5 U	6 U	5 U
1,2,3-Trichloropropane	8260	UG/KG	400	5 U	5 U	6 U	5 U
1,2,4-Trichlorobenzene	8260	UG/KG	3400	5 U	5 U	6 U	5 U
1,2-Dichlorobenzene	8260	UG/KG	7900	5 U	5 U	6 U	5 U
1,2-Dichloroethane	8260	UG/KG	100	5 U	5 U	6 U	5 U
1,3-Dichlorobenzene	8260	UG/KG	1600	5 U	5 U	6 U	5 U
1,3-Dichloropropane	8260	UG/KG	300	5 U	5 U	6 U	5 U
1,4-Dichlorobenzene	8260	UG/KG	8500	5 U	5 U	6 U	5 U
2-Butanone	8260	UG/KG	300	26 U	26 U	31 U	25 U
4-Methyl-2-pentanone	8260	UG/KG	1000	26 U	26 U	31 U	25 U
Acetone	8260	UG/KG	200	26 UJ	12 J	18 J	6 J
Benzene	8260	UG/KG	60	5 U	5 U	6 U	5 U
Carbon Disulfide	8260	UG/KG	2700	5 UJ	5 UJ	6 UJ	5 UJ
Carbon Tetrachloride	8260	UG/KG	600	5 U	5 U	6 U	5 U
Chlorobenzene	8260	UG/KG	1700	5 U	5 U	6 U	5 U
Chloroethane	8260	UG/KG	1900	5 U	5 U	6 U	5 U
Chloroform	8260	UG/KG	300	5 U	5 U	6 U	5 U
Ethylbenzene	8260	UG/KG	5500	5 U	5 U	6 U	5 U
Methylene chloride	8260	UG/KG	100	8 U	10 U	16 U	8 U
Tetrachloroethene	8260	UG/KG	1400	5 U	5 U	6 U	5 U
Toluene	8260	UG/KG	1500	5 U	5 U	6 U	5 U
Total Xylenes	8260	UG/KG	1200	15 U	16 U	19 U	15 U
trans-1,2-Dichloroethene	8260	UG/KG	300	5 U	5 U	6 U	5 U
Trichloroethene	8260	UG/KG	700	5 U	5 U	6 U	5 U
Vinyl chloride	8280	UG/KG	200	10 U	10 U	12 U	10 U
Total VOCs			10000	ND	12	18	6
2,4,5-Trichlorophenol	8270	UG/KG	100	810 U	830 U	980 U	800 U
2,4-Dichlorophenol	8270	UG/KG	400	330 U	340 U	400 U	330 U
2,4-Dinitrophenol	8270	UG/KG	200	1600 UJ	1700 UJ	2000 UJ	1600 UJ
2,6-Dinitrotoluene	8270	UG/KG	1000	330 U	340 U	400 U	330 U
2-Chlorophenol	8270	UG/KG	800	330 U	340 U	400 U	330 U
2-Methylnaphthalene	8270	UG/KG	36400	330 U	340 U	400 U	330 U
2-Methylphenol	8270	UG/KG	100	330 U	340 U	400 U	330 U
2-Nitroaniline	8270	UG/KG	430	1600 U	1700 U	2000 U	1600 U
2-Nitrophenol	8270	UG/KG	330	330 U	340 U	400 U	330 U
3-Nitroaniline	8270	UG/KG	500	1600 U	1700 U	2000 U	1600 U
4-Chloro-3-methylphenol	8270	UG/KG	240	330 U	340 U	400 U	330 U
4-Chloroaniline	8270	UG/KG	220	330 U	340 U	400 U	330 U
4-Methylphenol	8270	UG/KG	900	330 U	340 U	400 U	330 U
4-Nitrophenol	8270	UG/KG	100	1600 U	1700 U	2000 U	1600 U
Acenaphthene	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Acenaphthylene	8270	UG/KG	41000	330 U	340 U	400 U	330 U
Aniline	8270	UG/KG	100	330 U	340 U	400 U	330 U
Anthracene	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Benzo(a)anthracene	8270	UG/KG	224	330 U	340 U	400 U	330 U
Benzo(a)pyrene	8270	UG/KG	61	330 U	340 U	400 U	330 U
Benzo(b)fluoranthene	8270	UG/KG	1100	330 U	340 U	400 U	330 U
Benzo(ghi)perylene	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Benzo(k)fluoranthene	8270	UG/KG	1100	330 U	340 U	400 U	330 U
Benzoic acid	8270	UG/KG	2700	4800 UJ	5000 UJ	5900 UJ	4800 UJ
Bis(2-ethylhexyl) phthalate	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Butyl benzyl phthalate	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Chrysene	8270	UG/KG	400	330 U	340 U	400 U	330 U
Di-n-butyl phthalate	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Di-n-octyl phthalate	8270	UG/KG	50000	330 U	340 U	400 U	130 J
Dibenzo(a,h)anthracene	8270	UG/KG	6200	330 U	340 U	400 U	330 U
Dibenzofuran	8270	UG/KG	7100	330 U	340 U	400 U	330 U
Diethyl phthalate	8270	UG/KG	2000	330 U	340 U	400 U	330 U
Dimethyl phthalate	8270	UG/KG	8100	330 U	340 U	400 U	330 U
Fluoranthene	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Fluorene	8270	UG/KG	410	330 U	340 U	400 U	330 U
Hexachlorobenzene	8270	UG/KG	3200	330 U	340 U	400 U	330 U
Indeno(1,2,3-cd)pyrene	8270	UG/KG	4400	330 U	340 U	400 U	330 U
Isophorone	8270	UG/KG	13000	330 U	340 U	400 U	330 U
Naphthalene	8270	UG/KG	200	330 U	340 U	400 U	330 U
Nitrobenzene	8270	UG/KG	1000	330 U	340 U	400 U	330 U
Pentachlorophenol	8270	UG/KG	50000	1600 UJ	1700 UJ	2000 UJ	1600 UJ
Phenanthrene	8270	UG/KG	30	330 U	340 U	400 U	330 U
Phenol	8270	UG/KG	50000	330 U	340 U	400 U	330 U
Pyrene	8270	UG/KG	8200	330 U	340 U	400 U	330 U
Total SVOCs			500000	ND	ND	ND	ND

Table 2-6. Results Summary of Backfill and Topsoil Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	BF-1	BF-2	BF-3	BF-4
			Date Collected	9/6/2007	9/6/2007	9/6/2007	9/6/2007
			Matrix	SOIL	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit				
4,4'-DDD	8081	UG/KG	2900	1.7 U	1.7 U	2 U	1.6 U
4,4'-DDE	8081	UG/KG	2100	1.7 U	1.7 U	2 U	1.6 U
4,4'-DDT	8081	UG/KG	2100	1.7 U	1.7 U	2 U	1.6 U
Aldrin	8081	UG/KG	41	1.7 U	1.7 U	2 U	1.6 U
alpha-BHC	8081	UG/KG	110	1.7 U	1.7 U	2 U	1.6 U
alpha-Chlordane	8081	UG/KG	540	1.7 U	1.7 U	2 U	1.6 U
beta-BHC	8081	UG/KG	200	1.7 U	1.7 U	2 U	1.6 U
delta-BHC	8081	UG/KG	300	1.7 U	1.7 U	2 U	1.6 U
Dieldrin	8081	UG/KG	44	1.7 U	1.7 U	2 U	1.6 U
Endosulfan I	8081	UG/KG	900	1.7 U	1.7 U	2 U	1.6 U
Endosulfan II	8081	UG/KG	900	1.7 U	1.7 U	2 U	1.6 U
Endosulfan Sulfate	8081	UG/KG	1000	1.7 U	1.7 U	2 U	1.6 U
Endrin	8081	UG/KG	100	1.7 U	1.7 U	2 U	1.6 U
gamma-BHC (Lindane)	8081	UG/KG	60	1.7 U	1.7 U	2 U	1.6 U
gamma-Chlordane	8081	UG/KG	540	1.7 U	1.7 U	2 U	1.6 U
Heptachlor	8081	UG/KG	100	1.7 U	1.7 U	2 U	1.6 U
Heptachlor epoxide	8081	UG/KG	20	1.7 U	1.7 U	2 U	1.6 U
Aluminum - Total	6010	MG/KG	SB	8680	9050	8720	8850
Antimony - Total	6010	MG/KG	SB	13.6 U	17.1 U	16.3 U	15.9 U
Arsenic - Total	6010	MG/KG	SB or 7.5	3.2	10.2	2.7	2.4
Barium - Total	6010	MG/KG	SB or 300	106	116	96.3	78.6
Beryllium - Total	6010	MG/KG	SB or 0.16	0.4	0.43	0.37	0.39
Cadmium - Total	6010	MG/KG	SB or 1	0.18 U	0.23 U	0.22 U	0.21 U
Calcium - Total	6010	MG/KG	SB	53800	48000	41100	38600
Chromium - Total	6010	MG/KG	SB or 10	12.5	15.6	13.7	14.2
Cobalt - Total	6010	MG/KG	SB or 30	7.4	9	7.6	8.1
Copper - Total	6010	MG/KG	SB or 25	14.7	34.2	16.3	13.6
Iron - Total	6010	MG/KG	SB or 2000	16700	21600	17400	18000
Lead - Total	6010	MG/KG	SB (4-61 mg/kg for rual areas)	3.8	17.1	4.3	4.1
Magnesium - Total	6010	MG/KG	SB	7070	7300	7930	9930
Manganese - Total	6010	MG/KG	SB	569	740	554	522
Mercury - Total	7471	MG/KG	0.1	0.017 U	0.017 U	0.019 U	0.018 U
Nickel - Total	6010	MG/KG	SB or 13	16.3	16.8	15.4	16.8
Potassium - Total	6010	MG/KG	SB	1040	1130	1200	1210
Selenium - Total	6010	MG/KG	SB or 2	3.6 U	4.6 U	4.3 U	4.2 U
Silver - Total	6010	MG/KG	SB	0.45 U	0.57 U	0.54 U	0.53 U
Sodium - Total	6010	MG/KG	SB	151	197	179	235
Thallium - Total	6010	MG/KG	SB	5.5 U	6.9 U	6.5 U	6.3 U
Vanadium - Total	6010	MG/KG	SB or 150	20.9	24.9	21.2	21.3
Zinc - Total	6010	MG/KG	SB or 20	31.7	37.6	38.8	37.5
Cyanide - Total	9012	MG/KG		9.6 U	10.2 U	11.1 U	9.7 U

Table 2-6. Results Summary of Backfill and Topsoil Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	BF-5	TS-1	TS-2
			Date Collected	9/6/2007	9/24/2007	9/24/2007
			Matrix	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit			
Aroclor 1016	8082	UG/KG		16 U	19 U	17 U
Aroclor 1221	8082	UG/KG		16 U	19 U	17 U
Aroclor 1232	8082	UG/KG		16 U	19 U	17 U
Aroclor 1242	8082	UG/KG		16 U	19 U	17 U
Aroclor 1248	8082	UG/KG		16 U	19 U	17 U
Aroclor 1254	8082	UG/KG		16 U	19 U	17 U
Aroclor 1260	8082	UG/KG		16 U	19 U	17 U
Total PCBs			**1200**	ND	ND	ND
1,1,1-Trichloroethane	8260	UG/KG	800	5 U	7 U	8 U
1,1,2,2-Tetrachloroethane	8260	UG/KG	600	5 U	7 U	8 U
1,1,2-Trichloro-1,2,2-trifluoroethane	8260	UG/KG	6000	5 U	7 U	8 U
1,1-Dichloroethane	8260	UG/KG	200	5 U	7 U	8 U
1,1-Dichloroethene	8260	UG/KG	400	5 U	7 U	8 U
1,2,3-Trichloropropane	8260	UG/KG	400	5 U	7 U	8 U
1,2,4-Trichlorobenzene	8260	UG/KG	3400	5 U	7 U	8 U
1,2-Dichlorobenzene	8260	UG/KG	7900	5 U	7 U	8 U
1,2-Dichloroethane	8260	UG/KG	100	5 U	7 U	8 U
1,3-Dichlorobenzene	8260	UG/KG	1600	5 U	7 U	8 U
1,3-Dichloropropane	8260	UG/KG	300	5 U	7 U	8 U
1,4-Dichlorobenzene	8260	UG/KG	8500	5 U	7 U	8 U
2-Butanone	8260	UG/KG	300	25 U	34 U	40 U
4-Methyl-2-pentanone	8260	UG/KG	1000	25 U	34 U	40 U
Acetone	8260	UG/KG	200	25 UJ	34 U	40 U
Benzene	8260	UG/KG	60	5 U	7 U	8 U
Carbon Disulfide	8260	UG/KG	2700	2 J	7 U	8 U
Carbon Tetrachloride	8260	UG/KG	600	5 U	7 U	8 U
Chlorobenzene	8260	UG/KG	1700	5 U	7 U	8 U
Chloroethane	8260	UG/KG	1900	5 U	7 U	8 U
Chloroform	8260	UG/KG	300	5 U	7 U	8 U
Ethylbenzene	8260	UG/KG	5500	5 U	7 U	8 U
Methylene chloride	8260	UG/KG	100	9 U	32	46
Tetrachloroethene	8260	UG/KG	1400	5 U	7 U	8 U
Toluene	8280	UG/KG	1500	5 U	7 U	8 U
Total Xylenes	8260	UG/KG	1200	15 U	21 U	24 U
trans-1,2-Dichloroethene	8260	UG/KG	300	5 U	7 U	8 U
Trichloroethene	8260	UG/KG	700	5 U	7 U	8 U
Vinyl chloride	8260	UG/KG	200	10 U	14 U	16 U
Total VOCs			**10000**	2	32	46
2,4,5-Trichlorophenol	8270	UG/KG	100	790 U	900 U	850 U
2,4-Dichlorophenol	8270	UG/KG	400	320 U	370 U	350 U
2,4-Dinitrophenol	8270	UG/KG	200	1600 UJ	1800 UJ	1700 UJ
2,8-Dinitrotoluene	8270	UG/KG	1000	320 U	370 U	350 U
2-Chlorophenol	8270	UG/KG	800	320 U	370 U	350 U
2-Methylnaphthalene	8270	UG/KG	36400	320 U	370 U	350 U
2-Methylphenol	8270	UG/KG	100	320 U	370 U	350 U
2-Nitroaniline	8270	UG/KG	430	1600 U	1800 U	1700 U
2-Nitrophenol	8270	UG/KG	330	320 U	370 U	350 U
3-Nitroaniline	8270	UG/KG	500	1600 U	1800 U	1700 U
4-Chloro-3-methylphenol	8270	UG/KG	240	320 U	370 U	350 U
4-Chloroaniline	8270	UG/KG	220	320 U	370 U	350 U
4-Methylphenol	8270	UG/KG	900	320 U	370 U	350 U
4-Nitrophenol	8270	UG/KG	100	1600 U	1800 U	1700 U
Acenaphthene	8270	UG/KG	50000	320 U	370 U	350 U
Acenaphthylene	8270	UG/KG	41000	320 U	370 U	350 U
Aniline	8270	UG/KG	100	320 U	370 U	350 U
Anthracene	8270	UG/KG	50000	320 U	370 U	350 U
Benzo(a)anthracene	8270	UG/KG	224	320 U	16 J	12 J
Benzo(a)pyrene	8270	UG/KG	61	320 U	18 J	11 J
Benzo(b)fluoranthene	8270	UG/KG	1100	320 U	16 J	12 J
Benzo(ghi)perylene	8270	UG/KG	50000	320 U	17 J	11 J
Benzo(k)fluoranthene	8270	UG/KG	1100	320 U	9 J	350 U
Benzoic acid	8270	UG/KG	2700	4700 UJ	5400 U	5100 U
Bis(2-ethylhexyl) phthalate	8270	UG/KG	50000	320 U	370 U	350 U
Butyl benzyl phthalate	8270	UG/KG	50000	320 U	370 U	350 U
Chrysene	8270	UG/KG	400	320 U	23 J	12 J
Di-n-butyl phthalate	8270	UG/KG	50000	320 U	370 U	350 U
Di-n-octyl phthalate	8270	UG/KG	50000	320 U	370 U	350 U
Dibenzo(a,h)anthracene	8270	UG/KG	6200	320 U	370 U	350 U
Dibenzofuran	8270	UG/KG	7100	320 U	370 U	350 U
Diethyl phthalate	8270	UG/KG	2000	320 U	370 U	350 U
Dimethyl phthalate	8270	UG/KG	8100	320 U	370 U	350 U
Fluoranthene	8270	UG/KG	50000	320 U	26 J	17 J
Fluorene	8270	UG/KG	410	320 U	370 U	350 U
Hexachlorobenzene	8270	UG/KG	3200	320 U	370 U	350 U
Indeno(1,2,3-cd)pyrene	8270	UG/KG	4400	320 U	13 J	11 J
Isophorone	8270	UG/KG	13000	320 U	370 U	350 U
Naphthalene	8270	UG/KG	200	320 U	370 U	350 U
Nitrobenzene	8270	UG/KG	1000	320 U	370 U	350 U
Pentachlorophenol	8270	UG/KG	50000	1600 UJ	1800 UJ	1700 UJ
Phenanthrene	8270	UG/KG	30	320 U	16 J	8 J
Phenol	8270	UG/KG	50000	320 U	370 U	350 U
Pyrene	8270	UG/KG	6200	320 U	31 J	13 J
Total SVOCs			**500000**	ND	185	107

Table 2-6. Results Summary of Backfill and Topsoil Samples
Newstead Superfund Site
Town of Newstead, New York

			Sample ID	BF-5	TS-1	TS-2
			Date Collected	9/6/2007	9/24/2007	9/24/2007
			Matrix	SOIL	SOIL	SOIL
Analyte	Method Id	Units	Project Action Limit			
4,4'-DDD	8081	UG/KG	2900	1.6 U	1.2 J	1.2 J
4,4'-DDE	8081	UG/KG	2100	1.6 U	1.9 U	1.7 U
4,4'-DDT	8081	UG/KG	2100	1.6 U	1.9 U	1.7 U
Aldrin	8081	UG/KG	41	1.6 U	1.9 U	1.7 U
alpha-BHC	8081	UG/KG	110	1.6 U	1.9 U	1.7 U
alpha-Chlordane	8081	UG/KG	540	1.6 U	1.9 U	1.7 U
beta-BHC	8081	UG/KG	200	1.6 U	1.9 U	1.7 U
delta-BHC	8081	UG/KG	300	1.6 U	1.9 U	1.7 U
Dieldrin	8081	UG/KG	44	1.6 U	1.9 U	0.94 J
Endosulfan I	8081	UG/KG	900	1.6 U	1.9 U	1.7 U
Endosulfan II	8081	UG/KG	900	1.6 U	1.9 U	1.7 U
Endosulfan Sulfate	8081	UG/KG	1000	1.6 U	1.9 U	1.7 U
Endrin	8081	UG/KG	100	1.6 U	1.9 U	1.7 U
gamma-BHC (Lindane)	8081	UG/KG	60	1.6 U	1.9 U	1.7 U
gamma-Chlordane	8081	UG/KG	540	1.6 U	1.9 U	1.7 U
Heptachlor	8081	UG/KG	100	1.6 U	1.9 U	1.7 U
Heptachlor epoxide	8081	UG/KG	20	1.6 U	1.9 U	0.52 J
Aluminum - Total	6010	MG/KG	SB	7660	10700	11000
Antimony - Total	6010	MG/KG	SB	15.4 U	16.1 U	16 U
Arsenic - Total	6010	MG/KG	SB or 7.5	3.9	4.7	4.6
Barium - Total	6010	MG/KG	SB or 300	104	77.5	81.2
Beryllium - Total	6010	MG/KG	SB or 0.16	0.36	0.59	0.59
Cadmium - Total	6010	MG/KG	SB or 1	0.2 U	0.41	0.37
Calcium - Total	6010	MG/KG	SB	58400	6450	4480
Chromium - Total	6010	MG/KG	SB or 10	12.2	13.8	14.4
Cobalt - Total	6010	MG/KG	SB or 30	7.4	6.3	6.4
Copper - Total	6010	MG/KG	SB or 25	15.3	10.3	10.9
Iron - Total	6010	MG/KG	SB or 2000	16600	18100	18500
Lead - Total	6010	MG/KG	SB (4-61 mg/kg for rual areas)	4.1	25.4	25.1
Magnesium - Total	6010	MG/KG	SB	7700	3700	3520
Manganese - Total	6010	MG/KG	SB	534	300	375
Mercury - Total	7471	MG/KG	0.1	0.018 U	0.041	0.085
Nickel - Total	6010	MG/KG	SB or 13	15.6	12.7	13.2
Potassium - Total	6010	MG/KG	SB	1070	733	849
Selenium - Total	6010	MG/KG	SB or 2	4.1 U	4.3 U	4.3 U
Silver - Total	6010	MG/KG	SB	0.51 U	0.54 U	0.53 U
Sodium - Total	6010	MG/KG	SB	158	150 U	149 U
Thallium - Total	6010	MG/KG	SB	6.1 U	6.4 U	6.4 U
Vanadium - Total	6010	MG/KG	SB or 150	19.1	22.8	23.2
Zinc - Total	6010	MG/KG	SB or 20	33.6	77	83.3
Cyanide - Total	9012	MG/KG		9.2 U	10.8 UJ	9.4 UJ

UG/KG - Micrograms per kilogram

MG/KG - Milligrams per kilogram

U - Non-Detect. The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

J - Estimated value. The compound/analyte was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

UJ - The compound/analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Appendices

Attachment A
Analytical Results (Provided on Two Compact Discs)

B

Attachment B
Profiles, Manifests & Other Supporting Documentation

Attachment C
Community Air Monitoring Data (Provided on Compact Disc)

D

Attachment D
SWPPP Inspection Log

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: AUG. 9, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO	YES	NO	NA	NO
NORTH	NO	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO

Comment(s):
SILT FENCE INSTALLATION STARTED 8/2/07

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: 16 Aug 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO	YES	NO	N.A	NO
NORTH	NO	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: 17 AUGUST

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO	YES	NO	NA	NO
NORTH	NO	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s): 1.25" RAIN OVER NIGHT ROAD IS CLEAN

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: Aug. 24, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO	YES	NO	N/A	NO
NORTH	NO	YES	NO	N/A	NO
SOUTH	NO	YES	NO	N/A	NO
EAST	NO	YES	NO	N/A	NO

Comment(s):

Name (Print): Dowan J Kulka Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: Aug. 31, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	SEE BELOW ①				
NORTH	SEE BELOW ②				
SOUTH	NO	YES	NO	N/A	NO
EAST	NO	YES	NO	N/A	NO

Comment(s):

① EXCAVATED 3+ FEET ALONG FENCE. NO NEED FOR SILT FENCE UNTIL SOIL BACK TO GRADE

② EXCAVATED 2-3' BELOW GRADE NO NEED FOR FENCE UNTIL BACK TO GRADE

Name (Print): Donald S Kuhn Signature: Donald S Kuhn

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: SEPT. 6, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	①	SEE BELOW			
NORTH	①				
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

① NORTH WEST AREA ALONG FLETCHER IS EXCAVATED ~3' BELOW GRADE. REMOVE SILT FENCE TO CHASE WASTE. NO NEED TO REPLACE UNTIL AFTER BACKFILLED TO ORIGINAL GRADE

NOTE NO RAIN ALL WEEK RAIN GUAGE M.T.

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: SEPT. 10, 2007 1.25" IN RAIN GUAGE MON. 7AM

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FCETHER	(1)				
NORTH	(1)				
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

(1) AREA EXCAVATED BELOW GRADE ~3'. WILL REPLACE S.F. WHEN BACKFILLED TO GRADE

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: 9/13/07

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETHER	①				
NORTH	①				
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

① AREAS EXCAVATED BELOW GRADE ~3 FEET. S.F. TO BE REPLACED AFTER BACKFILLING STARTS

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: 11 SEPT-2007 ½" RAIN OVER WEEK END - ½" INSPECTION

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FEETHER	①	YES - BALANCE OF	ROAD LENGTH		
NORTH	①	YES	BALANCE OF	NORTH BOUNDRY	
SOUTH	NO	YES	NO	NO, NA	NO
EAST	NO	YES	NO	NO, NA	NO

Comment(s): SEE PREVIOUS NOTES. NO RUN OFF APPARENT IN DITCHES. SITE HAS BEEN DRY. MOST AREA IS BELOW GRADE AND SAND. SO - NO RUN OFF

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: SEPT. 20, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FREEMAN	NO ①	YES	NO	NA	NO
NORTH	NO ①	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

① AREAS INSIDE OF SITE BOUNDRY ARE BELOW GRADE & NO NEED FOR S.F.

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: ~~SEPT 27, 2007~~ WEEKLY & 1 1/4" RAIN OVERNIGHT 9/26 - 9/27

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLEETMEN	NO ①	YES	NO	NA	NO
NORTH	NO ①	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s):

① AREAS INSIDE BOUNDRY ARE BELOW GRADE (BY EXCAVATION) & NO NEED FOR S.F UNTIL THE AREA IS BACKFILLED NO OBSERVED FLOW GOING OFF-SITE. WATER SOAKED IN TO SOIL/SAND

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: OCTOBER 4, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO ①	YES	NO	NA	NO
NORTH	NO ①	YES	NO	NA	NO
SOUTH	NO	YES	NO	NA	NO
EAST	NO	YES	NO	NA	NO

Comment(s): AREAS INSIDE ARE BELOW GRADE. S.F. TO BE REPLACED WHEN BACK FILLED

Name (Print): DENDROSKI Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: OCTOBER 11, 2005

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FLETCHER	NO (1)	YES	NO	NA	NO
NORTH	NO (1)	" (2)	NO	NA	NO
SOUTH	NO	"	NO	NA	NO
EAST	NO	"	NO	NA	NO

Comment(s):

(1) FENCE ALONG NORTH SIDE of FLETCHER & ALONG Q 39, 33, 27, 21, 15 & 10B HAS BEEN REMOVED TO CUT BELOW GRADE. SINCE THIS AREA IS 1-3' BELOW GRADE THERE IS NO NEED FOR FENCE

(2) REMOVE BRANCHES THAT HAVE FALLEN ACROSS S.F. IN Q 47

Name (Print): DONALD J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: OCT. 25, 2007 3/4" EVENT ENDING ON OCT. 24, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
FURTHER	NO (1)	YES	NO	N A	N O
NORTH	NO (1)	YES (2)	NO	N A	N O
SOUTH	NO	YES	NO	N A	NO
EAST	NO	YES	NO	N A	N O

Comment(s):

(1) SITE EXCAVATED TO BELOW GRADE 6" - 3'. SILT FENCE NOT NEEDED @ @ 39, 33, 27, 21, 15, 9 10 3

(2) REPAIR S.F. @ 9 9)

Name (Print): (DAVID) J KUHN Signature:

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: Nov. 1, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
North	NO	SEE BELOW (1)	NO	NA	(2)
Fletcher	NO	↓	NO	NA	↓
East	NO	↓	NO	NA	↓
South	NO	↓	NO	NA	↓

Comment(s):

(1) EXCAVATED BELOW GRADE & REMOVED S.F. WILL REPLACE WITH W BACK FILLED TO GRADE

(2) HAVE BROOM ON SKID STEER & SWEEP ROAD, ALSO SHOVEL BY HAND & HAND BROOM

Name (Print): Donald J Kulow Signature: [signature]

Storm Water Pollution Prevention Plan

Inspection and Maintenance Report Form

Date: Nov. 15, 2007

Location	Has Silt Reached 1/3 of Fence Height?	Is Fence Properly Secured?	Is there evidence of Washout or Over-topping	Are Straw Bales in Place and Working?	Is there evidence of Sediment on Roadways?
NORTH	No	Yes	No	NA	[redacted] NA
SOUTH	No	Yes	No	NA	NA
EAST	No	Yes	No	NA	NA
WEST	No	Yes	No	NA	Yes **

Comment(s):
* SITE BACKFILLED TO GRADE & SILT FENCE INSTALLED ON NORTH AND WEST SIDES.
** ROAD IS SWEPT WITH ROTARY BROOM AFTER TRUCKS LEAVE SITE

Name (Print): Donald T Kuhn Signature: [signature]

E

Attachment E
Photographic Log of Site Activities

Photograph 1. Pre-excavation soil characterization sampling via Geoprobe.

Photograph 2. Brush removal of the northeastern portion of the property. Note the air monitor in the photograph background.

Photograph 3. Construction of the access road and decontamination pad.

Photograph 4. Post-excavation soil sampling conducted by ERM with split samples taken by USEPA's REAC representative.

Photograph 5. Dust control conducted during excavation activities with air monitor in the background.

Photograph 6. Soil staging from excavation activities.

Photograph 7. Excavation of the central portion of the property.

Photograph 8. Community air monitoring equipment located in the southern central portion of the excavation area.

Photograph 9. PID readings taken from the excavator bucket during soil removal.

Photograph 10. Staged soil from excavation activities. Site access road in the foreground.

Photograph 11. PCB sampling via Geoprobe.

Photograph 12. Excavation of the north/northwestern wall face.

Photograph 13. Excavation of the northwest corner near MW2A-93 and MW2B-93.

Photograph 14. Visible paint waste in the northwest corner of the contaminated waste layer.

Photograph 15. Off loading of the staged soil. Decon pad and access road in foreground.

Photograph 16. Visible paint waste located due north of the access road near Fletcher Road in the contaminated waste area.

Photograph 17. Excavation of the contaminated waste layer, near Fletcher Road. Paint waste and debris are visible.

Photograph 18. Monitoring well installation in the southwestern portion of the property (MW5A-07).

Photograph 19. Well decommissioning of the on-site water supply wells.

Photograph 20. Excavation of the contaminated waste layer north of access road and site construction trailer.

Photograph 21. Finished excavation of the contaminated waste layer.

Photograph 22. Looking west across the southern extent of the surface contamination area.

Photograph 23. Excavator decon activities.

Photograph 24. Stabilization of the hazardous soil excavated from the northern wall face.

Photograph 25. Looking east across the excavation area before backfilling of the site.

Photograph 26. Looking southwest across the former contaminated waste layer area toward Fletcher Road, before backfilling began.

Photograph 27. Final grading of top soil before hydro-seeding can begin.

Photograph 28. View of northwest corner after grading (former contaminated waste layer area).

Photograph 29. Wetland restoration area.

Photograph 30. Hydro-seeding of the property after final grading.