Final Engineering Report

330 Maple Road Site
Amherst, New York
BCP Site No. C915207

February 2012 0105-002-300

Abridged Version Due to Size Restraint of Web Page. Refer to Document Repository for complete version

Prepared For:

Buffalo-Maple Road, LLC and Maple Road Lodging, LLC

Prepared By:

BENCHMARK
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BROWNFIELD CLEANUP PROGRAM

FINAL ENGINEERING REPORT

330 MAPLE ROAD SITE
AMHERST, NEW YORK
BCP SITE NO. C915207

February 2012 0105-002-300

Prepared for:

Buffalo-Maple Road, LLC and Maple Road Lodging, LLC
330 Maple Road Site
Amherst, New York 14221

Prepared By:

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CERTIFICATIONS

I, Paul H. Werthman, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Paul H. Werthman, of Benchmark Environmental Engineers, am certifying as Owner's Designated Site Representative for the site.

DATE: _____

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330 MAPLE ROAD SITE

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LIST OF ACRONYMS

AAR	Alternatives Analysis Report
AST	Aboveground Storage Tank
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
COC	Certificate of Completion
CP	Citizen Participation
CY	Cubic Yard
DUSR	Data Usability Summary Report
ESA	Environmental Site Assessment
fbgs	feet below ground surface
FER	Final Engineering Report
FOP	Field Operating Procedure
GWQS	Groundwater Quality Standards
HASP	Health and Safety Plan
IC	Institutional Controls
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photo-ionization Detector
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RAO	Remedial Action Objective
RI	Remedial Investigation
SCO	Soil Cleanup Objective
SVOC	Semi-volatile Organic Compound
TCL	Target Compound List
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

1.0 BACKGROUND AND SITE DESCRIPTION

Benderson Development Company, LLC entered into a Brownfield Cleanup Agreement (BCA) (BCP Site No. C915207, Index No. B9-0724-06-07) with the New York State Department of Environmental Conservation (NYSDEC) in September 2006 to investigate and remediate the 330 Maple Road Site (Site) located at 330 Maple Road, Town of Amherst, County of Erie and State of New York. Buffalo-Maple Road, LLC (BMR) and Maple Road Lodging, LLC (MRL) submitted a BCA Amendment Application in April 2007 and entered into a BCA (BCP Site No. C915207, Index No. B9-0724-06-07) with NYSDEC in May 2007.

The Site was remediated to NYSDEC Part 375 Residential Soil Cleanup Objectives (SCOs).

1.1 Site Description

The 330 Maple Road Site is located in the Town of Amherst, County of Erie, New York and is identified as a portion of Erie County SBL 55.03-1-10. The Site is an approximate 26-acre portion of a greater approximate 32-acre parcel area bounded by Town of Amherst Golf Course to the north and east, Maple Road to the south, and residential-commercial properties to the west (see Figures 1 and 2). The boundaries of the BCP Site are more fully described in Appendix A: Survey Map, Metes and Bounds. An electronic copy of this FER with all supporting documentation is included as Appendix B.

1.2 Environmental History

1.2.1 May 2006 – Supplemental Phase II Site Investigation Findings

In May 2006, Benchmark performed a supplemental soil investigation on-Site focusing on collecting near-surface (i.e., 0-6 inches below ground surface) soil samples across the parcel to better delineate the areal extent of previously identified lead impact on-site. Forty-one soil samples were collected and analyzed for total lead concentrations and one sample was analyzed for toxicity characteristic leaching procedure (TCLP) for lead. The findings of that investigation indicate that the majority of the near-surface soils across the Site have been impacted by lead. Lead concentrations in soil up to 98,000 parts per million

(ppm) were reported. A sample collected from the area of the active shooting range had a TCLP lead concentration which exceeded the regulatory threshold for hazardous waste toxicity characteristic for lead of 5 mg/L. These findings established that some of the soils on-site will either require treatment (including soils with lead shot removed) to render them non-hazardous or be handled and disposed off-site at a permitted hazardous waste landfill.

1.2.2 BCP Remedial Investigation

Benchmark submitted a Remedial Investigation (RI) Work Plan, which was approved by NYSDEC in September 2006. From November 2006 through February 2007, Benchmark performed Remedial Investigation activities at the 330 Maple Road site to evaluate the vertical and horizontal extent of impacts across the Site. Four hundred and twenty-nine (429) sample grids were utilized across the Site. The sampling focused on collecting soil samples 0 to 4 feet below ground surface (fbgs), with samples being collected from the following depth intervals: 0-0.5 fbgs, 0.5-1 fbgs, 1-2 fbgs, 2-3 fbgs, and 3-4 fbgs. The findings of the investigation show that lead-impacted soil is widespread across the site with the highest concentrations observed in the 0-0.5 fbgs depth interval in the area north of the shooting lanes. The areal extent of lead-impacted soil decreased significantly with depth. PAHs were also detected in soils above residential SCOs, with the areal extent of PAH-impacted soil limited to the area directly north of the shooting lanes; PAH-impacts also decreased significantly with depth. Groundwater samples collected during the RI indicated no significant groundwater impact.

TCLP lead analysis revealed that some (six of eleven samples) of the lead-impacted soils exceeded TCLP hazardous waste characteristic threshold concentration of 5 mg/L, indicating the need to treat the characteristic hazardous lead-impacted soil prior to disposal as a non-hazardous waste; or, dispose of the soil exceeding the TCLP threshold as a hazardous waste.

The RI report was approved by the NYSDEC in January 2008.

1.2.3 BCP Remedial Action Work Plan

Based on the findings of the RI, a Remedial Action Work Plan (RAWP) dated October 2008 (revised February 2009) was prepared for the 330 Maple Road site. The remedial activities described in the RAWP included excavation and disposal of non-

hazardous lead- and PAH-impacted soil and excavation, treatment to render non-hazardous and disposal of lead-impacted soils that exceeded 5 mg/L TCLP lead. The remedial party also had the option to reclaim and recycle lead shot from the surface, if determined feasible. Soil cleanup objectives employed for the remedial action NYSDEC Part 375 Residential SCOs. The RAWP was approved by NYSDEC in March 2009.

1.2.4 Interim Remedial Measures

In April 2009, BMR/MRL, Benchmark and NYSDEC met to discuss an extension to begin remedial action at the Site. Benchmark provided an IRM Work Plan letter to NYSDEC in April 2006, which included limiting Site access with a 6-foot fence and mitigating potential exposure to Site contaminants of concern via dermal contact as well as minimizing potential transport of dust, by placing wood chips over certain sample grids. The IRM Work Plan was approved by NYSDEC in June 2009. The IRM was implemented and approved by NYSDEC in September 2009 and the remedial action extension was granted until June 2010. Another remedial action extension was requested by BMR/MRL in April 2010, which was approved by NYSDEC until June 2011.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Soil RAOs

For the 330 Maple Road Site, appropriate RAOs as included in the approved RAWP have been defined by the NYSDEC as:

- Removal of soil impacted with constituents of concern (COCs) above NYSDEC Part 375 SCOs for residential use;
- Treatment of characteristic hazardous lead-impacted soil to render non-hazardous; and,
- Disposal of impacted soils at a NYSDEC approved disposal facility

2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy approved by the NYSDEC in the RAWP dated August 2008, revised February 2009. The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

- Lead shot removal and off-Site recycling;
- Excavation of non-hazardous PAH and lead-impacted soil;
- On-site treatment of soil exhibiting hazardous waste characteristics for lead to render it non-hazardous; and,
- Off-site transportation and disposal of non-hazardous lead and PAH-impacted soil at a permitted solid waste disposal/treatment facility.

3.0 INTERIM REMEDIAL MEASURES

The information and certifications made in the August 2009, Interim Remedial Measures report were relied upon to prepare this report and certify that the remediation requirements for the site have been met.

3.1 Interim Remedial Measures

- A six-foot high chain link fence was placed around the remaining perimeter of the BCP portion of the property in a manner to prevent Site access to the general public.
- Based on soil sampling completed during the Remedial Investigation (RI), seven sample grids had concentrations that exceeded TCLP lead threshold of 5 mg/L. Those sample grids were covered with approximately four inches of wood chips to prevent dermal exposure and/or potential transport of dust from those areas prior to implementation of the RAWP.

The IRM Work Plan was approved by NYSDEC in June 2009. The IRM was implemented in July 2009 and approved by NYSDEC in September 2009.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the 330 Maple Road site (August 2008, revised February 2009). Any deviations from the RAWP are noted below.

4.1 Governing Documents

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Community Air Monitoring Plan (CAMP)

Real-time community air monitoring was performed during remedial activities at the Site. A Community Air Monitoring Plan (CAMP) is included with Benchmark's HASP. Particulate monitoring was performed along the downwind perimeter of the work area during subgrade excavation, grading and soil/fill handling activities in accordance with this plan. This plan is consistent with the requirements for community air monitoring at remediation sites as established by the NYSDOH and NYSDEC. Accordingly, it follows procedures and practices outlined under NYSDEC's DER-10 Appendix 1A (NYSDOH's Generic Community Air Monitoring Plan) and Appendix 1B (Fugitive Dust and Particulate Monitoring).

CAMP results are discussed in section 4.2.5 below and CAMP data is included in Appendix E.

4.1.3 Citizen Participation Plan

The NYSDEC has coordinated and led community relations throughout the course of the BCP project. Benchmark has supported the NYSDEC's community relation activities as necessary. A Citizen Participation (CP) Plan was finalized in September 2006. The CP Plan followed the NYSDEC's template for BCP sites.

As required for BCP sites, copies of the BCP application, RI Work Plan, RI Report, RA Work Plan, including the HASP and CP Plan, for the Site were provided to the Amherst Public Library Williamsville Branch for public review.

Fact Sheets were prepared and mailed to the Department's approved Citizen Participation distribution list. A summary of the project's fact sheets is presented below. Copies of the fact sheets issued to date are provided in Appendix C.

- July 2006 – Draft Remedial Investigation Work Plan on 330 Maple Road Site Available for Public Comment was available for review and public comment. The public comment period was from July 26, 2006 to August 25, 2006. No public comments were received.
- November 2007 - Environmental Investigation Report for Maple Road Site Available for Public Comment.
- August 2008 – Cleanup Plan for 330 Maple Road Site Available for Public Comment. The public comment period was from August 27, 2008 to October 14, 2008. No public comments were received.
- June 2011 – Environmental Cleanup Activities to Begin at the 330 Maple Road Site.

BMR/MRL completed NYSDEC county listserv initiative requirements in February 2011 (see Appendix C).

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Metal Treatment Technologies, LLC (MT2), the prime contractor for the remedial work, performed the following tasks:

- Mobilize personnel and equipment
- Demolish and dispose building components
- Remove 275-gallon tank and recycle as scrap
- Backfill building with crushed stone
- Excavate and load impacted soil/fill for off-site disposal
- Remove lead from soil/fill for recycling

- Treat lead impacted soil/fill to meet requirements of disposal facility
- Dewatering as needed
- Cleaned up site upon completion of work

R.E. Lorenz performed the following tasks:

- Excavate and load impacted soil for off-site treatment

Empire Building Diagnostics, Inc. (Empire) performed the following tasks:

- Remove and dispose asbestos from building materials

NOCO Distribution LLC performed the following tasks:

- Vacuum fuel oil out of 275-gallon tank and recycle fuel oil

Mallare Enterprises (including K&R Day, Serafini Inc., Zoladz Construction Inc., and Iroquois Trucking subcontracted to Mallare) transported materials off-site.

Benchmark Environmental Engineers & Science, PLLC, (Benchmark) inspected the work as completed by the contractors, corresponded with NYSDEC and collected samples for analysis.

4.2.2 Site Preparation

A pre-construction meeting was held with NYSDEC, BMR/MRL, Benchmark, and MT2 on May 31, 2011.

In preparation for remedial activities the following tasks were performed:

- Utility marker layout was completed prior to intrusive activities on the Site
- May 31, 2011 mobilized equipment to the site
- May 31, 2011 began construction of erosion and sediment controls
- June 1, 2011 began construction of access road for loading and unloading
- June 2, 2011 started grubbing the site after erosion controls where in place
- June 8, 2011 started to remove and segregate surface concrete from impacted soil/fill for later recycling

Documentation of agency approvals required by the RAWP is included in Appendix D. A copy of the Town of Amherst Sewer Discharge Permit is also included in Appendix D. A NYSDEC-approved project sign was erected at the project entrance along Maple Road and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

The entire BCP Site was secured by six-foot chain link fence. The fence was opened daily to allow access to the Site.

Benchmark personnel completed daily reports to keep track of daily activities, on-Site visitors, contractors, and deviation from the work plan, as related to the remedial activities. Copies of the daily reports are presented in Appendix F.

Erosion and sedimentation controls for the Site were constructed from May 31 to June 7, 2011. These controls included the use of silt fence, trenches, and berms to mitigate soil erosion damage, off-site sediment migration, and water pollution from erosion.

Surface water management was handled under a Town of Amherst temporary discharge permit, obtained by MT2. A copy of the permit is provided in Appendix D.

Decontamination was completed for all equipment leaving the site and included removal of loose soil/fill debris from truck tires and chaise. MT2 was responsible for any soil/debris removal, related to the remedial action, from Maple Road. Material generated from the street cleaning was disposed with impacted soil/fill.

Upon excavation, and as necessary soil treatment, soil was stockpiled to allow for efficient loading for off-site disposal. Material was stockpiled adjacent to the ingress/egress construction roadway.

4.2.4 Nuisance controls

The nuisance controls employed during the Remedial Action included dust suppression during excavation and soil treatment activities. The remedial contractor, MT2, applied water on the ground surrounding excavation and treatment areas as necessary to mitigate airborne dust formation and migration.

In general, community air monitoring results indicated particulate levels below action levels. All attempts were made to keep visible and/or fugitive dust to a minimum.

Trucks accessed the Site using the access road off Maple Road along the southern boundary of the Site. No nuisance complaints related to the Remedial Action were received during the construction period.

4.2.5 CAMP results

All monitoring results conformed to the CAMP perimeter particulate requirement of 100 ug/m^3 and the organic vapor requirement of less than 5 part per million (ppm), with the exception of August 18, 2011, when work was temporarily ceased.

The work stoppage noted above related to visual observation of dust. Benchmark personnel stopped work until MT2 was able to water the work area sufficiently to reduce dust. Copies of all field data sheets relating to the CAMP are provided electronically in Appendix E.

4.2.6 Reporting

Benchmark completed Daily Report logs during Remedial Action; reports are presented in Appendix D. The photolog of remedial activities is included in Appendix G.

During remedial action, site meetings were held with Buffalo Maple-Road, LLC/Maple Lodging, LLC, Benchmark, MT2, and NYSDEC to discuss the project's progress and planned activities. Monthly progress reports are provided in Appendix G.

4.3 Contaminated Materials Removal

Materials removed from the Site and their final dispositions are summarized in Table 2. These materials, as discussed in greater detail below, include the following:

4.3.1 Target Debris

Between June 20 and June 24, 2011, approximately 1,739-tons of non-hazardous clay target debris were excavated from across the Site and temporarily stockpiled, followed by off-site transportation by Mallare Enterprises, Inc. The clay target debris was concentrated in the following grids: D10, D11, D12, D13, D14, D15, E10, E11, E12, E13, E14, E15, F10, F11, F12, F13, F14, and F15.

4.3.1.1 Disposal Details

Between June 20 and June 24, 2011, 1,739-tons of non-hazardous clay target debris were transported off-site by Mallare Enterprises, Inc. for disposal at Waste Management – Chaffee Landfill in Chaffee, NY under WM Profile #107850NY. Table 2 shows the total quantities of each category of material removed from the Site, the transporter's name and license number, and the disposal locations. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are included in electronic format in Appendix H1. Manifests and disposal receipts are included in electronic format in Appendix H2. Appendix H3 includes the load summary from Waste Management.

4.3.2 Recovered Lead Shot

Between July 6 and August 24, 2011, lead shot recovery operations were conducted by MT2 utilizing their proprietary screening technology. Approximately 279,290-lbs (139.65 tons) of lead shot was removed from the Site, temporarily stored in 55-gallon drums, and followed by off-site transportation for recycling at Exide Technologies in Muncie, IN.

4.3.2.1 Recycling Details

Between August 8 and September 2, 2011, approximately 279,290-lbs of lead shot, contained in a total of 119 drums, were removed and transported off-Site for recycling at Exide Technologies - Muncie Division, located in Muncie, IN. Table 2 shows the total quantities of each category of material removed from the Site, the transporter's name and license number, and the disposal locations. Bills of lading are included in electronic format in Appendix H2.

4.3.3 Remedial Excavation

Impacted soil was excavated to the approved work plan depths across the Site, with limited exception as allowed within the RAWP. The RAWP allowed for grids to be excavated to depths less than the approved work plan depth if additional post-excavation samples were collected to verify conformance with Part 375 Residential SCOs at the excavation depth. The following grids were excavated to depths less than approved work plan depths and have sample results less than Part 375 Residential SCOs: D32, E23, E24, E33, G33, J10, J12, J13, J18, J32, K15, L11, M11, and M13.

For certain grids that were excavated to the approved work plan depth, NYSDEC required additional excavation beyond the approved work plan depth due to the presence of target debris or lead shot. For these grids, NYSDEC required these grids to be excavated until visible impacts were removed and subsequently visually inspected by NYSDEC. In addition to the grids that required excavation in accordance with the RAWP, NYSDEC identified certain additional grids that required excavation due to the presence of target debris or lead shot. NYSDEC required these grids to be excavated until visible impacts were removed and subsequently visually inspected by NYSDEC. The additional grids and grids excavated deeper than approved work plan depths are highlighted in Table 3.

In all, approximately 35,977 tons of impacted soil was excavated, transported and disposed at Waste Management- Chaffee Landfill in Chaffee, NY. 263.54 tons of minimally impacted PAH soil from the former parking area was transported to Tonawanda Terminals biotreatment facility in Tonawanda, New York for treatment. Figure 3 shows the areal extent and vertical depths for each of the excavated grids.

4.3.3.1 Non-hazardous Lead and PAH Impacted Soil/Fill

Between June 27 and December 5, 2011, approximately 15,311-tons of non-hazardous lead and PAH impacted soil were excavated from the Site, temporarily stockpiled, and transported off-site by Mallare Enterprises, Inc. for disposal at Waste Management – Chaffee Landfill in Chaffee, NY under WM Profile #107854NY. In February 2012, 263.54 tons of minimally impacted PAH soil was transported by RE Lorenz to Tonawanda Terminals biotreatment facility in Tonawanda, New York.

Table 2 shows the total quantities of each category of material removed from the Site, the transporter's name and license number, and the disposal locations. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are included in electronic format in Appendix H1. Manifests and disposal receipts are included in electronic format in Appendix H2. Appendix H3 includes the load summary from Waste Management.

4.3.3.2 Treated Non-hazardous Lead Impacted Soil/Fill

Between July 20 and November 29, 2011, lead-impacted soil was treated with MT2's proprietary product (EcoBond®) to render non-hazardous. Approximately 20,666-tons of lead-impacted soil required treatment to render soil non-hazardous prior to off-site

transportation by Mallare Enterprises, Inc. Included in the treated soil tonnage, is the soil removed from the off-Site berm, which is estimated at 566-tons.

Between September 12 and November 29, 2011, 20,666-tons of treated lead-impacted non-hazardous soil were transported off-site by Mallare Enterprises, Inc. for disposal at Waste Management – Chaffee Landfill in Chaffee, NY under WM Profile #106544NY. Table 2 shows the total quantities of each category of material removed from the Site, the transporter's name and license number, and the disposal locations. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are included in electronic format in Appendix H1. Manifests and disposal receipts are included in electronic format in Appendix H2. Appendix H3 includes the load summary from Waste Management.

4.3.4 Concrete/ Building Demolition Material

Between June 15 and November 30 2011, concrete and building structures, including on-Site sidewalks, trap and skeet houses, former concrete pad, and the former club house building were removed/demolished, and areas were graded/backfilled to approximate initial grade. A 275-gallon fuel oil tank was also removed from the building basement.

4.3.4.1 Disposal Details

Between September 29 and November 30, 2011, construction and demolition (C&D) debris was transported off-site by Waste Management for disposal at Waste Management Chaffee Landfill, in Chaffee NY. Building scrap metal was transported off-site for recycling by Metalico Buffalo, Inc. in Buffalo, NY. Concrete from the building and sidewalk/shooting houses, was transported off-site by Mallare for recycling at Metzger Removal, Inc. concrete recycling facility located in Tonawanda NY.

On September 6, 2011, NOCO Distribution, LLC recovered approximately 200-gallons of fuel oil from a steel 275-gal fuel oil tank located in the basement of the former club house. The fuel oil tank was subsequently cleaned by MT2, and recycled for scrap at Metalico. Table 2 shows the total quantities of each category of material removed from the Site, the transporter's name and license number, and the disposal locations. Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are attached in Appendix H1. Bills of lading are included in electronic format in Appendix H2.

4.3.5 Surface Water

From October 28 to November 24, 2011 approximately 160,000 gallons of surface water was removed from the Site by MT2 during remedial activities. The surface water was pumped from various locations on the Site to access excavation areas. Water was stored in two portable 20,000-gallon steel tanks (frac tanks) and pumped through a bag filter prior to the approved discharge to the Town of Amherst sanitary sewer via a catch basin along Maple Road. The Town of Amherst permit is provided in Appendix D.

4.4 Remedial Performance/Documentation Sampling

In accordance with the approved RAWP, grids which were excavated to the planned work plan depth would utilize the existing RI data as end-point confirmatory samples. For grids which were excavated less than the planned work plan depth, Benchmark personnel collected post-excavation samples to confirm compliance with Part 375 Residential SCOs. Benchmark collected a total of 556 confirmatory samples, including a total of 474 RI samples and 82 post-excavation samples during the remedial action. Tables 4 and 5 present the end-point concentrations for lead and PAHs, respectively, with comparison to Part 375 Residential SCOs. All remedial excavation end-point soil sample results were below 6NYCRR Part 375 Residential SCOs.

All samples were collected and analyzed in accordance with USEPA SW-846 methodology with equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment. Appendix K includes an electronic copy of the laboratory analytical data package.

The Data Usability Summary Reports (DUSRs) completed by Data Validation Services (see Appendix J) for the RI and RA indicates that the analytical results are usable as reported, or usable with minor qualification.

4.5 Imported Backfill

Approximately 1,742.85-tons of virgin gravel/stone from Lafarge Lockport Plant were used for construction of the ingress/egress roadway and backfill in certain areas (former club house basement). In accordance with DER-10, and in consultation with and approval by the NYSDEC project manager, the virgin gravel/stone was approved for import without chemical testing since it contains less than 10% by weight material that would pass

through a size 200 sieve and originated from a permitted mine or quarry. Appendix I includes the backfill materials documentation.

4.6 Contamination Remaining at the Site

The remedial work described in Section 4.3 removed all known and encountered lead- and PAH- impacted soil above Part 375 Residential SCOs. Based on the removal of historic impacts and the results of the post-excavation verification sampling, no soil contamination remains at the Site above Part 375 Residential Use SCOs.

Since contaminated soil and groundwater does not remain on-Site after completion of the Remedial Action, long-term Institutional and Engineering Controls (IC/ECs) are not required to protect human health and the environment.

4.7 Other Engineering Controls

The remedy for the site did not require the construction of any engineering control systems.

4.8 Institutional Controls

The remedy for the site does not require any institutional controls.

4.9 Deviations from the Remedial Action Work Plan

The following deviations from the Department-approved Remedial Action Work Plan included:

- The RAWP proposed utilizing Portland cement as the remedial soil treatment agent to render lead-impacted soil non-hazardous, as necessary. With the approval of the NYSDEC, MT2 utilized their proprietary treatment agent (EcoBond®) and lime for soil treatment. Based on information provided by MT2, approximately 225 tons of soil treatment agents were used.
- Several grids were excavated to less than the approved work plan depth. Post-excavation samples were collected in accordance with the RAWP to verify

conformance with Part 375 Residential SCOs. The following grids were excavated to depth less than work plan and have sample results less than Part 375 Residential SCOs: D32, E23, E24, E33, G33, J10, J12, J13, J18, J32, K15, L11, M11, and M13.

- Additional grids that were originally not slated for remedial excavation in the RAWP were added by the NYSDEC due to the presence of visible impacts. NYSDEC required these grids to be excavated until visible impacts were removed and subsequently visually inspected by NYSDEC. These grids are highlighted in Table 3.
- Multiple grids required additional excavation beyond the approved work plan depth due to the presence of visible impacts (i.e. target debris, lead shot, shot shell debris). NYSDEC required these grids to be excavated until visible impacts were removed and subsequently visually inspected by NYSDEC. Those grids are also highlighted in Table 3.

All deviations from the work plan were discussed with and pre-approved by the Department.

5.0 REFERENCES

1. Benchmark Environmental Engineering and Science, PLLC. *Remedial Action Work Plan, 330 Maple Road, Amherst, New York*. August 2008, revised February 2009.

2. New York State Department of Environmental Conservation. *DER-10; Technical Guidance for Site Investigation and Remediation*. May 2010.

TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

Part 375 Residential Soil Cleanup Objectives (SCOs)
for Lead and Polycyclic Aromatic Hydrocarbons (PAHs)

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Parameter	Residential SCOs (ppm) [1]
Lead - mg/Kg	
Lead	**400**
PAHs - mg/Kg	
Acenaphthene	**100**
Acenaphthylene	**100**
Anthracene	**100**
Benzo(a)anthracene	**1**
Benzo(b)fluoranthene	**1**
Benzo(k)fluoranthene	**1**
Benzo(g,h,i)perylene	**100**
Benzo(a)pyrene	**1**
Chrysene	**1**
Dibenzo(a,h)anthracene	**0.33**
Fluoranthene	**100**
Fluorene	**100**
Indeno(1,2,3-cd)pyrene	**0.5**
Naphthalene	**100**
Phenanthrene	**100**
Pyrene	**100**

Notes:
1. Values per NYSDEC Part 375 Soil Cleanup Objectives (December 2006).

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF MATERIALS RECYCLED/DISPOSED OFF-SITE

Final Engineering Report

330 Maple Road Site

Buffalo-Maple Road LLC

Remedial Action Activity and Material/Item	Quantity	Units	Responsible Company(ies)	Trucking No.	Disposal Location
Building Demolition					
Building debris C&D	145.76	tons	Waste Management	NA	Waste Management Chaffee Landfill
Asbestos waste	30.5	CY	Empire Building Diagnostics	9A-329	Allied Waste Niagara Falls Landfill
Scrap metal	14440	lbs	Metalico Buffalo, Inc.	NA	Metalico Buffalo, Inc.
Soil/Fill Excavation					
Non-hazardous, clay target debris	1739.18	tons	Malare Enterprises	9A-738	Waste Management Chaffee Landfill
Non-hazardous soil	15311.25	tons	Malare Enterprises	9A-738	Waste Management Chaffee Landfill
Non-hazardous soil	263.54	tons	RE Lorenz	9A-799	Tonawanda Terminals Corp. - Biotreatment Facility
Non-hazardous, lead impacted soil (post treatment)	20666.00	tons	Malare Enterprises	9A-738	Waste Management Chaffee Landfill
Groundwater from dewatering excavations	160,000	gallons	MT2	NA	Town of Amherst Sanitary Sewer
UST Removal					
Steel 275-gallon USTs (cleaned)	1	tank	Metalico Buffalo, Inc.	NA	Metalico Buffalo, Inc. (recycled as scrap include in weight above)
Residual fuel oil	200	gallons	NOCO Distribution LLC	9A-430	NOCO Distribution LLC
Lead Removal					
Recovered Lead	139.65	tons	MT2/contract trucking companies	NA	Exide Technologies, Muncie Division
Concrete Removal					
Concrete (for recycling)	26	Trucks	Mallare Enterprises	9A-738	Metzger Removal, Inc.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Table 3
Excavation Depth and Soil Volume Summary
330 Maple Road Site
Buffalo-Maple Road LLC

Grid	Pre-excavation elevation (famsl)					Post-excavation elevation (famsl)					Average Depth (ft)	Actual Volume Excavated (CY)
	NW	NE	SW	SE	C	NW	NE	SW	SE	C		
A5	595.11	595.92	595.10	595.37	595.45	594.58	595.38	594.60	594.80	594.95	0.5	48.89
A6	595.92	595.80	595.37	595.35	595.75	595.38	595.30	595.37	595.35	595.25	0.5	46.30
A9	596.57	596.68	595.80	596.35	596.39	595.99	596.09	595.20	595.54	595.87	0.6	57.32
A10	596.68	596.92	596.35	596.48	596.60	596.09	595.82	595.54	595.94	596.03	0.7	66.83
A11	596.92	597.81	596.48	597.34	597.26	596.42	597.31	595.98	596.84	596.76	0.5	46.30
A12	597.81	597.78	597.34	597.86	597.94	597.31	597.28	596.84	597.36	597.44	0.5	46.30
A13	597.78	598.59	597.86	597.41	598.12	597.28	598.09	597.36	596.91	597.62	0.5	46.30
A14	598.59	598.22	597.41	597.65	598.48	598.09	597.72	596.91	597.15	597.98	0.5	46.30
A15	598.22	597.60	597.65	597.51	597.91	597.72	597.10	597.15	597.01	597.41	0.5	46.30
A16	597.60	597.73	597.51	597.51	597.83	596.70	597.21	596.99	597.01	597.30	0.6	54.93
A17	597.73	597.88	597.51	597.58	597.74	597.21	597.10	597.01	597.04	597.05	0.6	55.95
A18	597.88	597.90	597.58	597.69	597.89	597.10	597.35	597.04	597.06	597.30	0.6	57.10
A21	597.95	597.61	597.75	597.58	597.90	597.28	596.88	597.25	597.02	597.12	0.6	60.00
A22	597.61	597.31	597.58	597.49	597.75	596.88	596.70	597.02	596.98	597.14	0.6	55.93
B5	595.25	595.55	595.11	595.92	595.36	594.71	595.01	594.58	595.41	594.85	0.5	48.70
B6	595.55	595.81	595.92	595.80	595.80	595.01	595.30	595.41	595.30	595.26	0.5	48.14
B9	596.69	596.54	596.57	596.68	596.74	596.10	596.01	596.02	596.14	596.19	0.6	51.01
B10	596.54	596.59	596.68	596.92	596.81	596.01	596.01	596.12	596.32	596.10	0.6	55.37
B11	596.59	596.93	596.92	597.92	596.83	596.09	596.43	596.42	597.42	596.33	0.5	46.30
B12	596.93	597.06	597.92	598.23	597.20	596.43	596.56	597.42	597.73	596.70	0.5	46.30
B13	597.06	597.31	598.23	598.51	597.44	596.56	596.81	597.73	598.01	596.94	0.5	46.30
B14	597.31	597.42	598.51	598.10	597.83	596.81	596.92	598.01	597.60	597.33	0.5	46.30
B15	597.42	597.53	598.10	597.76	597.69	596.92	597.03	597.60	597.26	597.19	0.5	46.30
B16	597.53	597.62	597.76	597.73	597.67	595.88	597.11	596.77	597.05	596.95	0.9	83.98
B17	597.62	597.59	597.73	597.88	597.89	597.11	596.91	597.05	597.38	596.80	0.7	63.89
B18	597.59	597.61	597.88	597.90	597.77	596.91	596.77	597.36	597.26	597.11	0.7	61.73
B21	597.57	597.80	597.89	597.61	597.78	597.02	597.04	597.28	596.88	597.06	0.7	62.46
B22	597.80	597.17	597.61	597.37	597.37	597.04	596.64	596.88	596.70	596.73	0.7	61.68
C7	596.41	596.15	595.81	596.23	596.16	595.21	595.20	594.70	595.17	595.20	1.1	97.86
C8	596.15	596.46	596.23	596.69	596.34	595.20	595.46	595.17	595.69	595.09	1.1	97.55
C9	596.46	596.44	596.69	596.54	596.29	595.46	595.45	596.18	596.00	595.69	0.7	67.31
C10	596.44	596.55	596.54	596.85	596.36	595.45	595.50	596.03	596.30	595.86	0.7	66.50
C11	596.55	596.96	596.59	596.93	596.71	595.42	595.35	596.01	596.41	596.05	0.9	83.35
C12	596.96	596.96	596.93	597.06	596.76	595.35	596.00	596.41	596.25	595.88	1.0	88.40
C13	596.96	597.25	597.06	597.31	596.83	596.15	595.96	596.55	596.37	596.15	0.8	78.19
C14	597.25	597.28	597.31	597.42	597.14	595.96	596.71	596.37	596.80	596.40	0.8	76.89
C15	597.28	597.55	597.42	597.53	597.40	596.25	596.49	596.39	596.50	596.38	1.0	95.63
C16	597.55	597.40	597.53	597.62	597.65	596.22	596.16	596.00	596.63	596.52	1.2	115.03
C17	597.40	597.14	597.62	597.59	597.44	595.40	595.13	595.58	595.37	595.34	2.1	191.90
C18	597.14	596.85	597.59	597.61	597.25	595.13	594.89	595.37	595.50	595.20	2.1	191.57
C19	596.85	597.17	597.61	597.67	596.97	595.57	595.65	596.21	596.60	595.85	1.3	118.33
C20	597.17	596.92	597.67	597.57	597.45	595.73	595.75	596.45	596.36	595.43	1.4	130.80
C21	596.92	596.81	597.57	597.80	597.12	595.90	595.80	596.54	596.65	596.08	1.1	97.31
C22	596.81	597.35	597.80	597.17	596.96	595.80	596.30	596.65	596.10	595.94	1.1	98.01
C26	596.50	596.28	596.51	596.40	596.45	595.90	595.70	595.96	595.85	595.91	0.6	52.14
D3	596.06	596.29	595.47	595.79	595.81	595.53	596.04	595.20	595.25	595.41	0.4	36.77
D4	596.29	596.30	595.79	595.63	595.76	595.55	595.47	595.13	595.10	595.25	0.7	60.57
D5	596.26	596.43	595.40	595.25	595.42	595.47	595.25	595.18	595.08	595.27	0.5	46.65
D6	596.43	596.72	595.25	596.41	595.54	595.25	595.19	595.08	595.32	595.02	0.9	83.26
D7	596.72	596.95	596.41	596.15	595.92	595.19	595.12	595.32	595.05	595.00	1.3	119.90
D8	596.95	596.93	596.15	596.46	596.59	595.42	595.35	595.20	595.23	595.06	1.4	126.44
D9	596.93	596.97	596.46	596.44	596.52	595.93	595.75	595.46	595.51	596.02	0.9	86.08
D10	596.97	596.41	596.44	596.55	596.28	595.34	595.53	595.19	595.44	595.41	1.1	106.15
D11	596.41	596.52	596.55	596.96	597.15	595.28	595.50	595.00	595.93	595.38	1.3	120.28
D12	596.52	596.57	596.96	596.96	597.07	595.87	596.02	595.75	596.29	596.41	0.7	69.24
D13	596.57	596.60	596.96	597.25	597.28	595.70	595.69	596.00	595.97	595.90	1.1	99.98
D14	596.60	597.70	597.25	597.28	597.10	595.69	595.84	595.97	596.06	596.10	1.3	116.07
D15	597.70	597.24	597.28	597.55	597.30	596.00	596.05	596.11	596.38	596.11	1.3	118.87
D16	597.24	597.19	597.55	597.40	597.38	596.05	596.01	596.38	596.21	596.18	1.2	109.80
D17	597.19	596.63	597.40	597.14	597.02	595.11	594.62	595.40	595.13	595.00	2.0	187.39
D18	596.63	596.74	597.14	596.85	596.70	594.62	594.70	595.13	594.89	594.70	2.0	185.43
D19	596.74	596.58	596.85	597.17	596.89	595.52	595.13	595.57	595.65	595.40	1.4	128.93
D20	596.58	596.43	597.17	596.92	596.72	595.59	595.40	596.14	595.90	595.71	1.0	94.16
D21	596.43	596.52	596.92	596.81	596.64	595.40	595.48	595.90	595.80	595.61	1.0	95.08
D22	596.52	597.25	596.81	597.35	596.76	595.48	596.10	595.80	596.30	595.76	1.0	97.10

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Table 3
Excavation Depth and Soil Volume Summary
330 Maple Road Site
Buffalo-Maple Road LLC

Grid	Pre-excavation elevation (famsl)					Post-excavation elevation (famsl)					Average Depth (ft)	Actual Volume Excavated (CY)
	NW	NE	SW	SE	C	NW	NE	SW	SE	C		
D24	597.34	597.07	597.93	597.16	597.78	596.70	596.50	597.48	596.62	597.30	0.5	49.62
D25	597.07	596.40	597.16	596.50	596.41	596.50	595.90	596.62	595.85	595.90	0.6	51.33
D31	595.85	595.72	596.04	595.71	595.93	595.39	595.21	595.49	595.10	595.13	0.6	54.30
D32	595.47	595.44	595.71	595.27	595.25	595.09	595.24	595.25	595.02	595.20	0.3	24.84
E3	596.81	596.80	596.06	596.29	596.40	596.18	596.27	595.40	595.40	595.45	0.7	67.75
E4	596.80	596.77	596.29	596.26	596.42	596.27	595.90	595.40	595.25	595.49	0.8	78.34
E5	596.77	596.49	596.26	596.43	596.43	595.45	595.15	595.20	595.10	595.21	1.3	116.19
E6	596.49	596.72	596.43	596.72	596.44	595.27	595.18	595.32	595.31	595.30	1.3	118.98
E7	596.72	597.02	596.72	596.95	596.97	595.62	596.02	595.28	595.94	595.94	1.1	103.42
E8	597.02	597.23	596.95	596.93	597.18	595.65	595.73	595.84	596.00	595.73	1.3	117.82
E9	597.23	597.29	596.93	596.97	597.43	596.21	595.92	595.93	595.75	596.25	1.2	107.20
E10	597.29	596.55	596.97	596.41	596.53	595.50	595.19	595.34	595.41	595.18	1.4	132.04
E11	596.55	596.71	596.41	596.52	596.80	594.48	594.68	594.37	594.52	594.76	2.0	188.52
E12	596.71	596.58	596.52	596.57	596.77	594.68	594.47	594.52	594.53	594.74	2.0	189.07
E13	596.58	596.54	596.57	596.60	596.78	594.45	594.52	594.54	594.56	594.71	2.1	190.56
E14	596.54	596.43	596.60	597.20	596.69	594.52	594.44	594.56	594.20	594.69	2.2	204.63
E15	596.43	596.54	597.20	597.24	596.71	594.38	594.49	594.97	595.10	594.70	2.1	194.07
E16	596.54	596.71	597.24	597.19	597.22	594.49	594.85	595.25	594.61	595.19	2.1	194.63
E17	596.70	596.46	597.19	596.63	596.53	595.95	595.75	596.34	595.69	595.58	0.8	77.69
E18	596.46	596.43	596.63	596.74	596.60	595.75	595.69	595.69	595.52	595.58	0.9	85.79
E19	596.43	596.14	596.74	596.58	596.49	595.69	595.31	595.52	595.13	595.72	1.0	92.78
E20	596.14	596.16	596.58	596.43	596.24	595.31	595.23	595.13	595.79	595.25	1.0	89.60
E23	596.17	596.52	596.61	597.22	596.54	595.88	596.19	596.29	596.82	596.17	0.3	31.71
E24	596.52	596.61	597.22	596.79	596.70	596.19	596.35	596.57	596.35	596.36	0.4	37.45
E28	596.66	596.33	596.58	596.44	596.34	595.98	595.71	596.10	595.83	595.89	0.6	52.59
E31	595.67	595.37	595.85	595.72	595.69	595.17	594.86	595.39	595.21	595.08	0.5	47.86
E33	595.37	595.37	595.52	595.46	595.37	594.88	594.80	595.09	595.08	594.85	0.5	44.14
F3	597.48	597.30	596.81	596.80	597.01	596.88	596.79	596.18	596.27	596.53	0.5	50.89
F4	597.30	596.85	596.80	596.77	597.07	596.79	596.34	596.27	596.01	596.53	0.6	52.74
F5	596.85	596.55	596.77	596.49	596.59	595.83	595.42	595.74	595.49	595.45	1.1	98.57
F6	596.55	596.70	596.49	596.72	596.51	595.58	595.39	595.24	595.25	595.50	1.2	111.34
F7	596.70	597.05	596.72	597.02	596.90	595.48	595.50	595.33	595.31	595.32	1.5	138.02
F8	597.05	597.27	597.02	597.23	597.07	595.50	595.82	595.31	595.55	595.77	1.5	142.28
F9	597.27	597.36	597.23	597.29	597.32	595.75	595.72	595.65	595.58	595.78	1.6	147.80
F10	597.36	597.46	597.29	596.55	597.43	595.48	595.50	595.50	595.19	595.42	1.8	166.67
F11	597.46	597.39	596.55	596.71	596.74	595.45	595.40	594.52	594.66	594.76	2.0	186.30
F12	597.39	597.17	596.71	596.58	596.66	595.36	595.11	594.71	594.47	594.65	2.0	189.07
F13	597.17	596.72	596.58	596.54	596.62	595.10	594.70	594.39	594.49	594.59	2.1	191.85
F14	596.72	597.27	596.54	596.43	596.52	594.68	595.25	594.50	594.39	594.52	2.0	187.78
F15	597.27	596.87	596.43	596.54	596.53	595.25	594.35	594.35	594.51	594.35	2.2	200.56
F16	596.87	596.44	596.54	596.71	596.87	594.35	594.45	594.51	594.85	594.84	2.1	193.15
F17	596.44	596.26	596.70	596.46	596.30	595.91	595.73	595.95	595.75	595.78	0.6	56.46
F18	596.26	596.08	596.46	596.43	596.40	595.73	595.45	595.88	595.45	595.79	0.7	61.79
F19	596.08	595.96	596.43	596.14	596.03	595.13	595.00	595.55	595.07	595.29	0.9	85.18
F20	595.96	596.04	596.14	596.16	596.04	595.21	595.44	595.46	595.41	595.31	0.7	64.97
F21	596.04	596.09	596.16	596.23	596.11	595.05	595.10	595.11	595.21	595.09	1.0	93.99
F22	596.09	596.05	596.23	596.36	596.18	594.86	594.82	595.02	595.11	594.95	1.2	113.89
F23	596.05	596.24	596.36	596.52	596.13	595.14	595.68	595.27	595.74	595.43	0.8	74.76
F24	596.24	596.27	596.52	596.51	596.47	595.68	595.67	595.74	595.85	595.63	0.7	63.72
F25	596.27	596.13	596.51	596.33	596.34	595.67	595.34	595.85	595.64	595.75	0.7	61.69
F26	596.13	596.20	596.33	596.26	596.21	595.45	595.47	595.64	595.39	595.49	0.7	68.36
F27	596.20	596.27	596.26	596.32	596.31	595.47	595.46	595.39	595.39	595.46	0.8	77.69
F28	596.27	595.87	596.32	596.07	596.27	595.54	595.26	595.67	595.46	595.73	0.6	58.16
F29	595.87	595.56	596.07	595.71	595.64	595.38	595.10	595.32	595.25	595.08	0.5	50.38
F30	595.56	595.35	595.71	595.67	595.67	595.06	594.79	595.25	595.17	595.16	0.5	46.83
G3	597.78	597.89	597.48	597.30	597.51	597.29	597.31	596.99	596.79	597.00	0.5	47.69
G4	597.89	597.01	597.30	596.85	597.13	597.31	596.39	596.79	596.35	596.68	0.5	49.23
G5	597.01	596.72	596.85	596.55	596.58	596.50	596.20	596.02	595.91	595.98	0.6	57.39
G6	596.72	597.01	596.55	596.70	596.53	596.20	596.45	595.91	595.87	595.88	0.6	59.19
G7	597.00	597.39	596.70	597.05	597.05	596.37	596.69	595.55	595.63	596.35	0.9	85.21
G8	597.40	597.58	597.05	597.27	597.25	596.89	597.03	596.49	596.74	596.74	0.5	49.01
G9	597.58	597.49	597.27	597.51	597.51	596.61	596.77	596.32	596.55	596.80	0.9	79.60
G10	597.49	597.32	597.51	597.69	597.45	597.00	596.80	596.98	597.18	596.92	0.5	47.75
G11	597.32	597.08	597.69	597.47	597.30	596.80	596.56	597.18	596.95	596.78	0.5	48.08
G12	597.08	596.77	597.47	597.19	597.16	596.21	595.71	596.68	596.31	595.82	1.0	91.59

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Table 3
Excavation Depth and Soil Volume Summary
330 Maple Road Site
Buffalo-Maple Road LLC

Grid	Pre-excavation elevation (famsl)					Post-excavation elevation (famsl)					Average Depth (ft)	Actual Volume Excavated (CY)
	NW	NE	SW	SE	C	NW	NE	SW	SE	C		
G13	596.77	596.89	597.17	596.72	596.65	595.71	596.21	596.31	596.01	596.15	0.8	70.48
G14	596.89	596.88	596.72	597.27	596.85	595.90	595.87	595.70	595.65	595.82	1.1	105.02
G15	596.88	596.50	597.27	596.87	596.65	596.39	595.95	596.79	596.32	596.15	0.5	47.65
G16	596.50	596.20	596.87	596.44	596.50	595.98	595.68	596.31	595.90	595.97	0.5	49.49
G17	596.20	596.03	596.44	596.26	596.07	595.68	595.52	595.80	595.73	595.54	0.5	50.67
G18	596.03	595.89	596.26	596.08	596.02	595.50	595.35	595.75	595.54	595.49	0.5	49.17
G19	595.89	595.89	596.08	595.96	595.81	595.38	595.37	595.55	595.44	595.25	0.5	48.79
G20	595.89	595.92	595.96	596.04	595.94	595.37	595.36	595.44	595.55	595.48	0.5	47.17
G23	595.70	595.83	595.85	596.24	595.79	595.19	595.30	595.28	595.71	595.22	0.5	50.09
G24	595.83	595.87	596.24	596.32	595.93	595.30	595.37	595.71	595.84	595.46	0.5	46.39
G26	595.96	596.06	596.13	596.20	596.03	595.43	595.80	595.73	595.82	595.89	0.3	31.56
G27	596.06	596.18	596.20	596.27	596.24	595.48	595.49	595.46	595.76	595.69	0.6	56.76
G28	596.18	595.75	596.27	595.87	596.02	595.49	595.23	595.76	595.37	595.35	0.6	53.43
G29	595.75	595.31	595.87	595.56	595.37	595.23	594.85	595.37	595.06	594.89	0.5	45.48
G30	595.31	595.28	595.56	595.35	595.38	594.85	594.68	595.06	594.79	594.79	0.5	50.07
G31	595.28	595.36	595.35	595.47	595.30	594.76	594.87	594.82	594.91	594.80	0.5	47.89
G32	595.36	595.42	595.47	595.36	595.35	594.60	594.47	594.75	594.88	594.54	0.7	68.72
G33	595.42	595.41	595.36	595.35	595.32	594.75	594.99	594.91	594.69	594.82	0.5	50.13
H2	598.22	598.48	597.67	597.78	597.93	597.67	597.96	597.11	597.28	597.44	0.5	48.43
H4	598.38	597.47	597.89	597.01	597.64	597.85	596.96	597.31	596.39	597.12	0.6	51.01
H5	597.47	597.33	597.01	596.72	596.84	596.90	596.80	596.48	596.16	596.32	0.5	50.10
H6	597.33	597.36	596.71	597.00	596.99	596.78	596.63	596.17	596.42	596.26	0.6	58.03
H7	597.37	597.60	597.01	597.40	597.56	596.83	597.04	596.45	596.87	597.03	0.5	50.23
H8	597.60	597.77	597.40	597.58	597.72	597.09	597.27	596.86	597.08	597.20	0.5	47.53
H9	597.77	597.41	597.58	597.49	597.52	597.19	596.84	597.07	596.97	596.97	0.5	50.50
H10	597.41	597.25	597.49	597.32	597.33	596.87	596.71	596.95	596.78	596.80	0.5	49.74
H11	597.25	597.16	597.32	597.08	597.11	596.71	596.63	596.78	596.59	596.58	0.5	48.60
H12	597.16	597.08	597.08	596.77	596.81	596.56	596.36	596.21	595.71	595.36	0.9	86.84
H13	597.08	596.96	596.77	596.89	597.05	596.36	596.08	595.71	596.21	596.01	0.9	81.04
H14	596.96	596.72	596.89	596.88	597.20	596.37	596.18	596.32	596.34	596.62	0.6	52.34
H15	596.72	596.39	596.88	596.50	596.42	596.18	595.89	596.37	596.00	595.85	0.5	48.66
H16	596.39	596.01	596.50	596.20	596.18	596.13	595.51	596.15	596.00	595.90	0.3	29.43
H17	596.01	595.92	596.20	596.03	596.01	595.40	595.39	595.66	595.47	595.47	0.6	51.44
H18	595.92	595.85	596.03	595.89	595.89	595.58	595.44	595.90	595.45	595.53	0.3	31.13
H19	595.85	595.78	595.89	595.89	595.87	595.35	595.12	595.34	595.26	595.20	0.6	55.63
H20	595.78	595.71	595.89	595.92	595.81	594.47	594.68	595.20	595.31	595.32	0.8	76.44
H21	595.71	595.54	595.92	595.86	595.69	594.68	595.04	595.31	595.26	595.09	0.7	61.81
H22	595.54	595.47	595.86	595.76	595.48	595.04	594.89	595.26	595.21	594.96	0.5	50.85
H24	595.50	595.57	595.83	595.85	595.55	595.00	595.08	595.30	595.37	595.03	0.5	46.67
H26	595.93	595.29	595.96	596.06	595.92	595.11	595.23	595.43	595.80	595.87	0.3	31.75
H27	595.29	595.62	596.06	596.19	595.64	595.23	595.50	595.80	595.61	595.49	0.2	21.63
H28	595.62	595.27	596.19	595.75	595.69	595.11	594.77	595.44	595.26	595.19	0.5	50.78
H29	595.27	594.97	595.75	595.31	595.01	595.11	594.92	595.38	595.04	594.85	0.2	18.43
H30	595.12	595.17	595.31	595.28	594.98	594.61	594.67	594.85	594.68	594.50	0.5	47.09
H32	595.25	595.53	595.36	595.42	595.42	594.72	594.96	594.60	594.68	594.75	0.7	60.63
I1	597.60	597.78	597.05	598.22	597.61	596.92	597.23	596.55	597.56	597.10	0.6	53.61
I2	597.78	598.30	598.22	598.48	598.37	597.23	597.78	597.56	597.96	597.84	0.6	51.53
I3	598.30	598.17	598.48	597.95	598.27	597.78	597.71	597.96	597.38	597.80	0.5	47.04
I4	598.17	597.88	597.95	597.47	597.93	597.70	597.36	597.38	596.88	597.48	0.5	48.00
I5	597.88	597.54	597.47	597.33	597.61	597.36	596.91	596.88	596.80	597.06	0.6	52.23
I6	597.54	597.44	597.33	597.37	597.24	597.04	596.69	596.78	596.63	596.74	0.6	56.36
I7	597.44	597.57	597.37	597.60	597.54	596.92	597.05	596.86	597.08	596.99	0.5	48.55
I8	597.57	597.39	597.60	597.77	597.93	597.05	596.87	597.08	597.25	597.39	0.5	48.58
I9	597.39	597.54	597.77	597.41	597.43	596.80	597.02	597.24	596.84	596.85	0.6	51.55
I10	597.54	597.56	597.41	597.25	597.38	596.50	596.50	596.36	596.20	596.33	1.0	97.06
I11	597.56	597.31	597.25	597.16	597.54	596.50	595.54	596.20	596.12	596.48	1.2	110.58
I12	597.31	596.71	597.16	597.08	597.12	596.78	596.20	596.61	596.54	596.58	0.5	49.32
I13	596.71	596.68	597.08	596.96	596.70	595.69	595.63	596.04	595.90	595.63	1.0	97.19
I14	596.68	596.52	596.96	596.72	596.90	595.63	595.50	595.95	595.69	595.87	1.0	95.29
I15	596.52	596.18	596.72	596.39	596.74	595.48	595.13	595.69	595.40	595.71	1.0	95.29
I16	596.18	595.71	596.39	596.01	596.43	595.55	595.18	595.86	595.51	595.90	0.5	50.52
I17	595.71	595.86	596.01	595.92	595.76	595.08	595.15	595.50	595.39	595.24	0.6	53.73
I18	595.86	596.83	595.92	595.85	595.79	595.20	595.75	595.39	595.28	595.23	0.7	63.09
I19	596.83	595.66	595.85	595.78	595.65	595.77	595.35	594.85	594.38	595.40	0.8	74.58
I20	595.66	595.54	595.78	595.71	595.65	595.13	594.93	594.47	594.68	595.06	0.8	75.55

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Table 3
Excavation Depth and Soil Volume Summary
330 Maple Road Site
Buffalo-Maple Road LLC

Grid	Pre-excavation elevation (famsl)					Post-excavation elevation (famsl)					Average Depth (ft)	Actual Volume Excavated (CY)
	NW	NE	SW	SE	C	NW	NE	SW	SE	C		
I21	595.54	595.35	595.71	595.54	595.49	594.93	594.80	594.68	594.97	594.89	0.7	62.35
I22	595.35	595.17	595.54	595.47	595.33	594.80	594.66	594.97	594.89	594.84	0.5	50.00
I23	595.17	595.22	595.44	595.50	595.36	594.66	594.71	594.89	594.96	594.76	0.5	50.26
I24	595.22	595.15	595.50	595.41	595.28	594.63	594.64	594.96	594.63	594.75	0.6	54.63
I25	595.15	595.38	595.52	595.79	595.22	594.64	594.87	595.02	595.30	594.71	0.5	46.56
I26	595.38	595.08	595.71	595.64	595.39	594.82	594.60	595.05	595.17	594.88	0.5	49.56
I27	595.08	595.64	595.64	595.62	595.35	594.60	595.08	595.17	595.10	594.67	0.5	50.13
I30	594.95	594.92	595.12	595.17	595.15	594.47	594.28	594.63	594.67	594.63	0.5	48.70
J1	597.73	597.76	597.55	597.77	597.60	597.16	597.25	596.90	597.23	597.08	0.6	51.67
J2	597.76	598.11	597.78	598.30	597.95	596.75	596.79	596.72	596.99	596.93	1.1	106.17
J3	598.11	598.18	598.30	598.17	598.35	597.60	597.66	597.78	597.71	597.84	0.5	46.89
J4	598.18	598.13	598.17	597.88	598.09	597.67	597.58	597.70	597.36	597.58	0.5	47.53
J5	598.13	597.78	597.87	597.54	597.78	597.58	597.28	597.25	597.04	597.07	0.6	53.49
J6	597.78	597.57	597.54	597.44	597.38	597.10	597.12	596.81	596.61	596.65	0.7	63.34
J7	597.57	597.57	597.44	597.57	597.40	597.03	597.04	596.92	597.05	596.88	0.5	48.64
J8	597.57	597.73	597.57	597.39	597.21	596.99	597.02	597.05	596.87	596.70	0.6	52.47
J9	597.73	597.62	597.39	597.54	597.66	596.72	596.62	596.37	596.53	596.65	1.0	93.31
J10	597.62	597.50	597.54	597.56	597.57	595.79	595.83	595.88	595.58	595.70	1.8	166.73
J11	597.50	596.93	597.56	597.31	597.51	596.40	595.92	596.51	596.35	596.37	1.1	97.37
J12	596.93	596.89	597.31	596.71	596.73	595.38	595.30	595.70	595.05	595.25	1.6	146.21
J13	596.89	596.54	596.71	596.68	596.47	595.30	594.89	595.05	594.89	595.04	1.6	150.61
J14	596.54	596.49	596.68	596.52	596.23	595.50	595.31	595.70	595.49	595.23	1.0	96.88
J15	596.49	595.94	596.52	596.18	596.21	595.65	595.19	595.51	595.27	595.51	0.8	77.93
J16	595.94	595.88	596.18	595.71	595.60	594.85	594.92	595.21	594.69	594.62	1.0	93.17
J17	595.88	595.46	595.71	595.86	595.96	594.88	594.45	594.69	594.80	594.89	1.0	95.84
J18	595.46	596.29	595.86	596.83	595.21	594.10	594.69	594.44	595.16	594.69	1.3	121.91
J19	596.29	595.54	596.83	595.66	595.67	594.89	594.89	595.49	594.96	595.11	0.9	86.26
J20	595.54	595.40	595.66	595.54	595.56	594.89	594.77	594.96	595.00	594.80	0.7	60.87
J21	595.40	595.20	595.54	595.35	595.33	594.85	594.63	594.93	594.80	594.70	0.6	53.98
J22	595.20	594.96	595.35	595.17	595.11	594.64	594.51	594.97	594.83	594.72	0.4	39.28
J23	594.96	594.97	595.17	595.22	594.90	594.45	594.41	594.66	594.71	594.38	0.5	48.34
J24	594.97	594.82	595.22	595.15	595.01	594.22	594.22	594.71	594.59	594.51	0.6	54.03
J25	594.82	594.87	595.15	595.38	594.94	594.00	594.30	594.59	594.82	594.05	0.7	62.79
J26	594.87	594.91	595.38	595.08	595.07	594.33	594.26	594.82	594.60	594.44	0.6	52.88
J27	594.91	594.86	595.03	595.03	594.83	594.68	594.62	594.86	594.98	594.70	0.2	15.30
J32	594.61	594.80	594.82	595.09	594.73	594.23	594.42	594.40	594.52	594.44	0.4	37.64
K1	597.81	597.82	597.75	597.76	597.58	597.31	597.30	597.19	597.21	597.10	0.5	48.43
K2	597.82	598.03	597.76	598.11	597.93	597.30	597.40	597.21	597.55	597.45	0.6	50.94
K3	598.03	598.18	598.11	598.18	598.19	597.40	597.70	597.55	597.69	597.70	0.5	49.24
K4	598.18	598.22	598.18	598.13	598.38	597.68	597.68	597.67	597.58	597.78	0.5	50.12
K5	598.22	597.92	598.13	597.78	598.08	597.68	597.36	597.58	597.24	597.46	0.6	52.14
K6	597.92	597.75	597.78	597.57	597.67	597.34	596.85	597.10	596.78	596.75	0.8	71.69
K7	597.75	597.72	597.57	597.57	597.76	596.85	596.98	596.78	596.61	597.15	0.8	73.96
K8	597.72	597.60	597.57	597.73	597.93	596.70	596.60	596.61	596.25	596.60	1.2	107.10
K9	597.60	597.43	597.73	597.62	597.62	596.60	596.39	596.70	596.57	596.55	1.0	95.99
K10	597.43	597.20	597.62	597.50	597.46	596.13	596.20	596.57	596.10	596.06	1.2	113.71
K11	597.20	597.22	597.50	596.93	597.11	595.20	595.18	595.41	594.90	595.09	2.0	188.50
K12	597.22	596.94	596.93	596.89	597.31	596.25	595.94	595.95	595.91	596.25	1.0	92.57
K13	596.94	596.70	596.89	596.54	596.85	595.94	595.67	595.85	595.52	595.83	1.0	94.68
K14	596.70	596.65	596.54	596.49	596.78	595.63	595.19	595.50	595.28	595.39	1.2	114.26
K15	596.65	595.82	596.49	595.94	596.77	595.08	594.77	595.28	593.90	594.74	1.6	146.37
K16	595.82	595.58	595.94	595.88	595.82	595.14	594.88	595.18	595.08	594.84	0.8	72.75
K17	595.58	595.37	595.88	595.46	595.47	594.09	594.17	594.22	594.49	594.10	1.3	124.01
K18	595.37	596.74	595.46	596.29	595.44	594.17	594.29	594.34	594.44	594.37	1.5	142.32
K19	596.74	595.38	596.29	595.54	595.44	594.89	594.40	595.10	594.52	594.44	1.2	111.87
K20	595.38	595.27	595.54	595.40	595.39	594.80	594.71	594.95	594.76	594.85	0.6	54.02
K21	595.27	595.03	595.40	595.20	595.18	594.20	594.01	594.29	594.06	594.13	1.1	99.92
K22	595.03	594.95	595.20	594.96	595.02	594.49	594.45	594.63	594.47	594.51	0.5	48.33
K23	594.95	594.68	594.96	594.97	594.92	594.46	594.20	594.45	594.43	594.39	0.5	47.07
K24	594.68	594.44	594.97	594.82	594.63	594.16	593.86	594.22	594.22	594.13	0.6	54.59
K27	594.63	594.59	594.91	594.86	594.70	594.09	594.14	594.24	594.22	594.15	0.6	52.74
L1	597.74	597.94	597.81	597.82	597.71	597.18	597.24	597.31	597.30	597.20	0.6	51.69
L2	597.94	598.07	597.82	598.03	597.93	597.24	597.18	597.30	597.23	597.40	0.7	63.86
L3	598.07	597.99	598.03	598.18	598.01	597.18	597.45	597.23	597.66	597.51	0.7	60.24
L4	597.99	598.02	598.18	598.22	598.34	597.49	597.49	597.68	597.76	597.80	0.5	46.81

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Table 3
Excavation Depth and Soil Volume Summary
330 Maple Road Site
Buffalo-Maple Road LLC

Grid	Pre-excavation elevation (famsl)					Post-excavation elevation (famsl)					Average Depth (ft)	Actual Volume Excavated (CY)
	NW	NE	SW	SE	C	NW	NE	SW	SE	C		
L5	598.02	597.84	598.22	597.92	598.11	597.49	597.31	597.76	597.36	597.56	0.5	48.67
L6	597.84	597.90	597.92	597.75	597.75	597.38	597.31	597.38	597.20	597.28	0.5	48.45
L7	597.90	597.65	597.75	597.72	597.52	597.32	597.10	597.15	596.90	596.99	0.6	57.13
L8	597.65	597.64	597.72	597.60	597.48	597.15	596.95	596.93	596.90	597.00	0.6	58.54
L9	597.64	597.40	597.60	597.43	597.34	596.62	596.22	596.60	596.19	596.43	1.1	99.06
L10	597.39	597.38	597.43	597.19	597.26	596.18	595.83	596.13	596.18	596.03	1.3	116.56
L11	597.38	597.30	597.20	597.22	597.16	595.85	595.89	595.20	595.18	595.83	1.7	153.82
L12	597.30	597.26	597.22	596.94	597.04	596.32	596.16	596.24	595.95	596.00	1.0	94.22
L13	597.26	597.01	596.94	596.70	596.62	596.12	595.97	595.97	595.63	595.58	1.1	97.25
L14	597.01	596.53	596.70	596.65	596.58	595.97	595.49	595.63	595.48	595.60	1.1	98.14
L15	596.53	596.05	596.65	595.82	595.86	595.49	595.12	595.48	594.93	595.13	1.0	88.23
L16	596.05	596.04	595.82	595.58	595.70	594.99	594.77	595.14	594.88	594.87	0.9	84.11
L17	596.04	596.01	595.58	595.37	595.35	594.37	594.02	594.09	594.23	594.08	1.5	140.05
L18	596.01	596.41	595.37	596.74	595.26	594.13	594.58	594.17	594.29	594.22	1.7	155.41
L19	596.41	595.32	596.74	595.38	595.36	594.80	594.32	594.89	594.40	594.36	1.3	119.24
L20	595.32	594.95	595.38	595.27	595.31	594.65	594.40	594.85	594.71	594.75	0.6	53.27
L21	594.95	594.84	595.27	595.03	595.01	594.41	594.32	594.71	594.54	594.46	0.5	49.29
L22	594.84	594.66	595.03	594.95	594.96	594.32	594.03	594.54	594.40	594.43	0.5	50.36
L25	594.22	594.40	594.44	594.59	594.21	593.60	593.92	593.99	594.01	593.72	0.5	48.63
L27	594.20	594.25	594.63	594.49	594.29	593.70	593.71	594.08	593.96	593.80	0.5	48.27
M2	597.92	600.93	597.83	598.07	598.18	597.27	600.43	597.26	597.50	597.65	0.6	52.33
M3	600.93	597.92	598.07	597.99	597.77	600.43	597.21	597.50	597.62	597.39	0.5	46.96
M4	597.92	597.96	597.99	598.02	597.98	597.38	597.46	597.49	597.49	597.47	0.5	47.75
M5	597.96	598.17	598.02	597.84	597.87	596.99	597.19	597.03	596.76	596.84	1.0	93.51
M6	598.05	597.92	597.84	597.90	598.07	597.40	597.13	597.34	597.39	597.50	0.6	56.01
M7	597.88	597.84	597.90	597.65	597.70	597.37	597.36	597.41	596.95	597.20	0.5	49.74
M8	597.95	597.37	597.65	597.64	597.79	597.40	596.65	597.16	597.09	597.20	0.6	53.77
M9	597.37	597.07	597.64	597.40	597.46	596.35	596.00	596.48	596.14	596.50	1.1	101.29
M10	597.03	596.78	597.39	597.38	597.10	596.23	595.81	596.18	595.83	596.14	1.1	101.66
M11	596.65	596.60	597.38	597.30	597.58	595.31	594.58	595.85	595.89	595.56	1.7	153.97
M12	596.60	596.58	597.30	597.26	597.35	595.61	595.57	596.32	596.25	596.32	1.0	92.85
M13	596.58	596.20	597.26	597.01	597.42	595.66	595.01	596.05	595.83	596.24	1.1	105.09
M14	596.20	595.72	597.01	596.53	596.51	595.19	594.74	595.97	595.34	595.34	1.1	99.84
M15	595.60	595.45	596.53	596.05	596.50	593.61	593.50	594.47	594.09	594.55	2.0	183.50
M16	595.45	595.50	596.05	596.04	596.41	593.50	593.48	594.09	594.07	594.24	2.0	186.50
M17	595.36	595.19	596.04	596.01	595.29	593.69	594.07	594.37	594.02	594.06	1.5	142.32
M18	595.19	595.42	596.01	596.41	595.38	593.91	594.26	593.75	594.89	593.91	1.5	142.44
M19	595.34	594.86	596.41	595.32	595.32	594.40	593.90	594.80	594.32	594.31	1.1	102.21
M20	594.86	594.77	595.32	594.95	594.85	594.59	594.46	594.72	594.35	594.50	0.4	39.45
M21	594.77	594.62	594.95	594.84	594.71	594.20	594.09	594.43	594.30	594.20	0.5	49.36
M22	594.62	594.62	594.84	594.66	594.58	594.09	594.05	594.30	594.14	594.12	0.5	48.41

Notes:
famsl= feet above mean sea level
CY= cubic yards
= Grids that deviated from RAWP (additional grids or grids excavated greater than planned)

TABLE 4

SUMMARY OF POST-EXCAVATION SOIL - LEAD

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Buffalo-Maple Road LLC

Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
A5	RI	--	48.3 J	0.5-1.0'
A6	RI	--	95.7 J	0-0.5'
A9	RI	--	22.9 J	0.5-1.0'
A10	RI	--	41.1 J	0.5-1.0'
A11	RI	--	40.6 J	0.5-1.0'
A12	RI	--	11.4 J	0.5-1.0'
A14	RI	--	38.6 J	0.5-1.0'
A15	RI	--	17.7 J	0.5-1.0'
A16	RI	--	45 J	0.5-1.0'
A17	RI	--	31.3 J	0.5-1.0'
A18	RI	--	32.2 J	0.5-1.0'
A21	RI	--	47 J	0.5-1.0'
A22	RI	--	11.6 J	0.5-1.0'
B5	RI	--	36.3 J	0.5-1.0'
B6	RI	--	30.6	0.5-1.0'
B9	RI	--	19.3 E*	0.5-1.0'
B10	RI	--	33.6	0.5-1.0'
B11	RI	--	77.7	0.5-1.0'
B12	RI	--	20.0	0.5-1.0'
B13	RI	--	33.5	0.5-1.0'
B14	RI	--	25.6	0.5-1.0'
B15	RI	--	18.8	0.5-1.0'
B16	RI	--	202	0-0.5'
B17	RI	--	32.6	0.5-1.0'
B18	RI	--	35.3	0.5-1.0'
B21	RI	--	8.7	0.5-1.0'
B22	RI	--	14.2	0.5-1.0'
C7	RI	--	43.5*	0.5-1.0'
C8	RI	--	24*	0.5-1.0'
C9	RI	--	15.1*	0.5-1.0'
C10	RI	--	40.6*	0.5-1.0'
C11	RI	--	23.9*	0.5-1.0'
C12	RI	--	32.3*	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
C13	RI	--	13.6*	0.5-1.0'
C14	RI	--	31.1*	0.5-1.0'
C15	RI	--	215* J	1.0-2.0'
C16	RI	--	39.4*	0.5-1.0'
C17	RI	--	40.8* J	1.0-2.0'
C18	RI	--	16.7* J	1.0-2.0'
C19	RI	--	17.1* J	1.0-2.0'
C20	RI	--	11.3* J	1.0-2.0'
C21	RI	--	13.7* J	1.0-2.0'
C22	RI	--	30.2* J	0.5-1.0'
C26	RI	--	16.9	0.5-1.0'
D3	RI	--	167 J	0-0.5'
D4	RI	--	13.6 J	0.5-1.0'
D5	RI	--	17.3 J	0.5-1.0'
D6	RI	--	14.2 J	0.5-1.0'
D7	RI	--	12.9 J	1.0-2.0'
D8	RI	--	16.3 J	0.5-1.0'
D9	RI	--	134 J	0.5-1.0'
D10	RI	--	22.7 J	0.5-1.0'
D11	RI	--	11.6 J	1.0-2.0'
D12	RI	--	30 J	0.5-1.0'
D13	RI	--	11.8 J	0.5-1.0'
D14	RI	--	36.9 J	0.5-1.0'
D15	RI	--	20 J	1.0-2.0'
D16	RI	--	12.3* J	1.0-2.0'
D17	RI	--	13.7 J	0.5-1.0'
D18	RI	--	14.9 J	0.5-1.0'
D19	RI	--	20 J	0.5-1.0'
D20	RI	--	14.5* J	0.5-1.0'
D21	RI	--	13.8* J	0.5-1.0'
D22	RI	--	18* J	0.5-1.0'
D24	RI	--	137	0.5-1.0'
D25	RI	--	36.6	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
D31	RI	--	12.8* J	0.5-1.0'
D32 (2)	7/8/2011	A	252	0.4'
	7/8/2011	B	188	0.2'
	7/8/2011	C	93.3	0.3'
	7/8/2011	D	172 A	0.5'
E3	RI	--	8.8*	0.5-1.0'
E4	RI	--	8.4*	0.5-1.0'
E5	RI	--	11.9*	0.5-1.0'
E6	RI	--	18.4*	0.5-1.0'
E7	RI	--	33.9*	0.5-1.0'
E8	RI	--	20.8 J	0.5-1.0'
E9	RI	--	8 J	0.5-1.0'
E10	RI	--	24.2 J	0.5-1.0'
E11	RI	--	34.5* J	1.0-2.0'
E12	RI	--	28.3* J	0.5-1.0'
E13	RI	--	23.6* J	1.0-2.0'
E14	RI	--	36.4* J	0.5-1.0'
E15	RI	--	18.9* J	0.5-1.0'
E16	RI	--	44.8* J	0.5-1.0'
E17	RI	--	11.9* J	0.5-1.0'
E18	RI	--	10.4*	0.5-1.0'
E19	RI	--	10.3*	0.5-1.0'
E20	RI	--	13.3*	0.5-1.0'
E23 (2)	7/12/2011	A	106	0.3'
	7/12/2011	B	362	0.3'
	7/12/2011	C	376	0.4'
	7/12/2011	D	351	0.3'
E24 (2)	7/12/2011	A	244	0.3'
	7/12/2011	B	148	0.3'
	7/12/2011	C	225	0.4'
	RI	D	11.3*	0.5-1.0'
E28 (1)	RI	--	19.1	0.5-1.0'
E31	RI	--	35.2*	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
E33 [2]	RI	A	12.7* J	0.5-1.0'
	RI	B	12.7* J	0.5-1.0'
	7/8/2011	C	161 J	0.4'
	7/8/2011	D	214 J	0.4'
F3	RI	--	14.2	0.5-1.0'
F4	RI	--	18.0	0.5-1.0'
F5	RI	--	17.9	0.5-1.0'
F6	RI	--	16.5	0.5-1.0'
F7	RI	--	21.9 J	0.5-1.0'
F8	RI	--	19.5 J	0.5-1.0'
F9	RI	--	12.1 J	1.0-2.0'
F10	RI	--	14.3 J	1.0-2.0'
F11	RI	--	10.7 J	1.0-2.0'
F12	RI	--	31.3 J	0.5-1.0'
F13	RI	--	12.8 J	0.5-1.0'
F14	RI	--	11.7 J	1.0-2.0'
F15	RI	--	13.5* J	1.0-2.0'
F16	RI	--	17.6 J	0.5-1.0'
F17	RI	--	30 J	0.5-1.0'
F18	RI	--	14.1 J	0.5-1.0'
F19	RI	--	14 J	0.5-1.0'
F20	RI	--	17.4 J	0.5-1.0'
F21	RI	--	17.5 J	1.0-2.0'
F22	RI	--	17.4 J	1.0-2.0'
F23	RI	--	16.1 J	0.5-1.0'
F24	RI	--	47.6 J	0.5-1.0'
F25	RI	--	18.8 J	0.5-1.0'
F26	RI	--	17.3 J	0.5-1.0'
F27	RI	--	22.5 J	0.5-1.0'
F28 [1]	RI	--	10.1 J	0.5-1.0'
F29	RI	--	12.6 J	0.5-1.0'
F30 [1]	RI	--	36.6 J	0.5-1.0'
G3	RI	--	10.6 J	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
G4	RI	--	16.3	0.5-1.0'
G5	RI	--	14.2	0.5-1.0'
G6	RI	--	36.0	0.5-1.0'
G7	RI	--	21.8	0.5-1.0'
G8	RI	--	11.3	0.5-1.0'
G9	RI	--	29.0	0.5-1.0'
G10	RI	--	9.6	0.5-1.0'
G11	RI	--	25.1	0.5-1.0'
G12	RI	--	15.9	1.0-2.0'
G13	RI	--	22.2	0.5-1.0'
G14	RI	--	10.6	1.0-2.0'
G15	RI	--	21.0	0.5-1.0'
G16	RI	--	48.6	0.5-1.0'
G17	RI	--	34.0	0.5-1.0'
G18 (1)	RI	--	59.9 J	0.5-1.0'
G19	RI	--	10.3	0.5-1.0'
G20 (1)	RI	--	135	0-0.5'
G23	RI	--	20.8	0.5-1.0'
G24 (1)	RI	--	14.1	0.5-1.0'
G26	RI	--	136* J	0-0.5'
G27	RI	--	11.1 J	0.5-1.0'
G28	RI	--	105 J	0.5-1.0'
G29	RI	--	12.4	0.5-1.0'
G30	RI	--	26.9* J	0.5-1.0'
G31	RI	--	18.7 J	0.5-1.0'
G32 (1)	RI	--	15.7 J	0.5-1.0'
G33 (2)	7/8/2011	A	196 J	0.7'
	7/8/2011	B	376 J	0.4'
	7/8/2011	C	359 J	0.7'
	7/8/2011	D	112 J	0.5'
H2	RI	--	17.8 J	0.5-1.0'
H4	RI	--	16.4 J	0.5-1.0'
H5	RI	--	14 J	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
H6	RI	--	54.5 J	0.5-1.0'
H7	RI	--	28.6 J	0.5-1.0'
H8	RI	--	15.6 J	0.5-1.0'
H9	RI	--	25.2 J	0.5-1.0'
H10	RI	--	22.4 J	0.5-1.0'
H11	RI	--	12.4	0.5-1.0'
H12	RI	--	17.4 J	0.5-1.0'
H13 (1)	RI	--	18.3	1.0-2.0
H14	RI	--	125 J	0.5-1.0'
H15	RI	--	78.4 J	0.5-1.0'
H16	RI	--	324 J	0-0.5'
H17	RI	--	10.9 J	0.5-1.0'
H18	RI	--	359 J	0-0.5'
H19	RI	--	12.6 J	0.5-1.0'
H20	RI	--	13.8 J	0.5-1.0'
H21	RI	--	15.3* J	0.5-1.0'
H22	RI	--	81.3*	0.5-1.0'
H24	RI	--	16.6* JN	0.5-1.0'
H26	RI	--	42.6* JN	0-0.5'
H27	RI	--	19.4* JN	0-0.5'
H28	RI	--	14.9* J	0.5-1.0'
H29 (1)	RI	--	65.9*	0-0.5'
H30	RI	--	12.9* J	0.5-1.0'
H32	RI	--	11* J	0.5-1.0'
I1 (1)	RI	--	8.9* J	0.5-1.0'
I2	RI	--	16.3 J	0.5-1.0'
I3	RI	--	13.7 J	0.5-1.0'
I4	RI	--	19 J	0.5-1.0'
I5	RI	--	73.2 J	0.5-1.0'
I6	RI	--	86.9 J	0.5-1.0'
I7	RI	--	31.2 J	0.5-1.0'
I8	RI	--	11.5 J	0.5-1.0'
I9	RI	--	19.4 J	0.5-1.0'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
I10	RI	--	15.9 J	1.0-2.0'
I11	RI	--	23.3 J	1.0-2.0'
I12	RI	--	19.4 J	0.5-1.0'
I13	RI	--	13.8 J	1.0-2.0'
I14	RI	--	18.1 J	1.0-2.0'
I15	RI	--	13.6 J	1.0-2.0'
I16	RI	--	21.3 J	0.5-1.0'
I17	RI	--	13.1	0.5-1.0'
I18	RI	--	21.6 J	0.5-1.0'
I19	RI	--	46.1 J	0-0.5'
I20	RI	--	60.7 J	0.5-1.0'
I21	RI	--	12.8* JN	0.5-1.0'
I22 (1)	RI	--	18.6* JN	0.5-1.0'
I23	RI	--	16.4* JN	0.5-1.0'
I24	RI	--	11.8* JN	0.5-1.0'
I25 (1)	RI	--	179	0-0.5'
I26	RI	--	19.3* JN	0.5-1.0'
I27	RI	--	11.7* JN	0.5-1.0'
I30	RI	--	11.8* JN	0.5-1.0'
J1	RI	--	32.7* J	0.5-1.0'
J2	RI	--	16.3 J	1.0-2.0'
J3	RI	--	10.1 J	0.5-1.0'
J4	RI	--	17.2 J	0.5-1.0'
J5	RI	--	29.7 J	0.5-1.0'
J6	RI	--	39.1 J	0.5-1.0'
J7	RI	--	59.8 J	0.5-1.0'
J8	RI	--	29.2 J	0.5-1.0'
J9	RI	--	13.9 J	1.0-2.0'
J10 (2)	9/23/2011	--	18.2	1.8'
J11	RI	--	13.7 J	1.0-2.0'
J12 (2)	9/23/2011	--	18.0	1.6'
J13 (2)	9/23/2011	--	14.5	1.6'

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Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
J14	RI	--	15.1 J	1.0-2.0'
J15	RI	--	38.5 J	0.5-1.0'
J16	RI	--	35.8 J	1.0-2.0'
J17	RI	--	11.1 J	1.0-2.0'
J18 [(2)]	9/20/2011	--	14.3	1.3'
J19 [(1)]	RI	--	26.7 J	0.5-1.0'
J20 [(1)]	RI	--	19.5 J	0.5-1.0'
J21	RI	--	14.1*	0.5-1.0'
J22	RI	--	54*	0-0.5'
J23	RI	--	14.9*	0.5-1.0'
J24 [(1)]	RI	--	77.3* J	0.5-1.0'
J25	RI	--	14.2	0.5-1.0'
J26	RI	--	32.3	0.5-1.0'
J27	RI	--	28.2 J	0-0.5'
J32 [(2)]	7/11/2011	A	336	0.4'
	7/11/2011	B	234	0.4'
	7/11/2011	C	67.3	0.6'
	7/11/2011	D	220	0.4'
K1	RI	--	114* J	0.5-1.0'
K2 [(1)]	RI	--	149	0-0.5'
K3	RI	--	18 J	0.5-1.0'
K4	RI	--	14.8 J	0.5-1.0'
K5	RI	--	13.3 J	0.5-1.0'
K6	RI	--	12.2 J	0.5-1.0'
K7	RI	--	18.6 J	0.5-1.0'
K8	RI	--	14 J	1.0-2.0'
K9	RI	--	11.9 J	1.0-2.0'
K10	RI	--	47 J	1.0-2.0'
K11	RI	--	13.4 J	2.0-3.0'
K12	RI	--	18.7 J	1.0-2.0'
K13	RI	--	16.9 J	1.0-2.0'

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			Result	Depth (fbgs)
Lead (mg/Kg)				
K14	RI	--	18.9 J	1.0-2.0'
K15 [2]	9/23/2011	A	32.9	1.5'
	9/23/2011	B	312 J	1.1'
	RI	C	15.2 J	2.0-3.0'
	9/23/2011	D	165	1.2'
K16	RI	--	28.4 J	0.5-1.0'
K17 [2]	9/20/2011	--	22.9	1.3'
K18 [2]	9/20/2011	--	85.3	1.5'
K19	RI	--	42.1* J	1.0-2.0'
K20	RI	--	28.6* J	0.5-1.0'
K22	RI	--	203* J	0.5-1.0'
K23	RI	--	49.3* J	0.5-1.0'
K24	RI	--	180* J	0.5-1.0'
K27	RI	--	19.3* J	0-0.5'
L1 [1]	RI	--	89.6* J	0.5-1.0'
L2	RI	--	198 J	0.5-1.0'
L3	RI	--	31.1 J	0.5-1.0'
L4	RI	--	15.4 J	0.5-1.0'
L5	RI	--	24.7 J	0.5-1.0'
L6	RI	--	26.9 J	0.5-1.0'
L7	RI	--	49.1 J	0.5-1.0'
L8	RI	--	21.3 J	0.5-1.0'
L9	RI	--	23.6 J	1.0-2.0'
L10	RI	--	14.8 J	1.0-2.0'
L11 [2]	9/29/2011	--	18.0	1.7'
L12	RI	--	15.7 J	1.0-2.0'
L13	RI	--	47.1 J	1.0-2.0'
L14	RI	--	13.8 J	1.0-2.0'
L15	RI	--	24.2 J	1.0-2.0'
L16	RI	--	17.4 J	0.5-1.0'
L17 [2]	9/20/2011	--	13.1	1.5'

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			Result	Depth (fbgs)
Lead (mg/Kg)				
L18 [(2)]	9/20/2011	A	22.7	1.9'
	9/20/2011	B	84.3	1.8'
	9/20/2011	C	39.3	2.5'
	9/20/2011	D	17.2	1.2'
L19	RI	--	24* J	1.0-2.0'
L20	RI	--	20.1* J	0.5-1.0'
L21	RI	--	65.6* J	0.5-1.0'
L22	RI	--	19.5* J	0.5-1.0'
L25	RI	--	22.6* J	0.5-1.0'
L27	RI	--	16.7* J	0.5-1.0'
M2	RI	--	38.4	0.5-1.0'
M3	RI	--	15.5 J	0.5-1.0'
M4	RI	--	20.1 J	0.5-1.0'
M5	RI	--	45.9 J	1.0-2.0'
M6	RI	--	35.7 J	0.5-1.0'
M7	RI	--	22.8 J	0.5-1.0'
M8	RI	--	48.7	0.5-1.0'
M9	RI	--	42.4	1.0-2.0'
M10	RI	--	14.1	1.0-2.0'
M11 [(2)]	9/29/2011	--	38.5	1.7'
M12	RI	--	22.1	1.0-2.0'
M13 [(2)]	10/3/2011	A	197	0.9'
	10/3/2011	B	74.9	1.2'
	10/3/2011	C	161	1.2'
	10/3/2011	D	77.0	1.2'
M14	RI	--	19.1	1.0-2.0'
M15	RI	--	14.3	2.0-3.0'
M16	RI	--	13.2	2.0-3.0'
M17 [(2)]	9/20/2011	A	14.9	1.7'
	9/20/2011	B	17.0	1.1'
	9/20/2011	C	16.3	2.0'
	9/20/2011	D	207.0	1.7'

TABLE 4

SUMMARY OF POST-EXCAVATION SOIL - LEAD

Final Engineering Report

330 Maple Road Site

Buffalo-Maple Road LLC

Sample Grid	Sample Date	Sample Grid Quadrant	Post-Excavation Sample	
			Result	Depth (fbgs)
Lead (mg/Kg)				
M18 [2]	11/8/2011	A	12.1	1.3'
	9/20/2011	B	10.8	1.2'
	9/20/2011	C	72.8	1.5'
	11/8/2011	D	13.3	2.3'
M19	RI	--	155* J	1.0-2.0'
M20	RI	--	57.7*	0-0.5'
M21	RI	--	87.4* J	0.5-1.0'
M22	RI	--	41.9* J	0.5-1.0'

Notes:

[1] Samples were collected and analyzed during the Supplemental Lead Sampling Event on May 2006.

[2] Post-excavation samples were collected and analyzed during remedial action. Individial quadrants were sample if composite samples exceeded of 125 ppm in accordance with

RI= Sample results from Remedial Investigation.

Definitions:

N = Spike sample recovery is not within quality control limits.

E = Value estimated or not reported due to the presence of interferences.

J = estimated value

A = ICV, CCV, ICB, CCB, ISA, ISB, CRI, DLCK, or MRL standard: Instrument related QC exceeds the control limits.

* = Spike or duplicate analysis is not within the quality control limits.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 5

SUMMARY OF POST-EXCAVATION SOIL- PAHs

Final Engineering Report

330 Maple Road Site

Buffalo-Maple Road LLC

Parameter	Residential (ppm) [3]	A5-2 (0.5-1.0')	A5-SW (0.5')	A6 (0-0.5')	A9-2 (0.5-1.0')	A9/A10-1 (0-0.5)	A11-2 (0.5-1.0')	A11-SW (0.5')	A12-SW (0.5')	A13/A14-1 (0-0.5')	A14-2 (0.5-1.0')	A15-SW (0.5')	A16-2 (0.5-1.0')	A16-SW (0.5')	A17-SW (0.5')	A18-2 (0.5-1.0')	A18-SW (0.5')	A21/A22-1 (0-0.5')	A22-2 (0.5-1.0')	C4-1 (0-0.5')	C6-1 (0-0.5')	C8-3 (1.0-2.0')	C10-2 (0.5-1.0')
		A5, A6, B5, B6	A5 [3]	A6	A9, A10, B9, B10	A9, A10	A11, A12, B11, B12	A11 [2]	A12 [3]	A13, A14	A13, A14, B13, B14	A15 [3]	A15, A16, B15, B16	A16 [3]	A17 [3]	A17, A18, B17, B18	A18 [3]	A21, A22	A21, A22, B21, B22	C3, C4, D3, D4	C5, C6, D5, D6	C7, C8, D7, D8	C9, C10, D9, D10
PAHs - mg/Kg																							
Acenaphthene	**100**	0.051 J	ND	0.042 J	ND	ND	ND	ND	ND	ND	0.016 J	ND	0.026 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**100**	0.077 J	ND	0.08 J	ND	ND	ND	ND	ND	ND	0.027 J	ND	0.05 J	ND	ND	0.015 J	ND	ND	ND	0.014 J	ND	ND	ND
Benzo(a)anthracene	**1**	0.38	ND	0.46	0.053 J	0.498	0.013 J	ND	ND	ND	0.15 J	ND	0.24 J	ND	ND	0.12 J	ND	ND	0.093 J	0.097 J	ND	ND	0.06 J
Benzo(b)fluoranthene	**1**	0.58 J	ND	0.68	0.064699 J	0.685	0.011339 J	ND	ND	ND	0.22 J	ND	0.32016 J	ND	ND	0.19 J	ND	ND	0.085 J	0.16 J	ND	ND	ND
Benzo(k)fluoranthene	**1**	0.17 J	ND	0.4	ND	0.374	ND	ND	ND	ND	0.079 J	ND	ND	ND	ND	0.07 J	ND	ND	0.03 J	0.049 J	ND	ND	ND
Benzo(g,h,i)perylene	**100**	0.38 J	ND	0.45	0.042 J	0.514	ND	ND	ND	ND	0.093 J	ND	0.12 J	ND	ND	0.064 J	ND	ND	0.11 J	0.056 J	0.066 J	ND	0.034 J
Benzo(a)pyrene	**1**	0.53	ND	0.69	0.065 J	0.794	0.017 J	ND	ND	ND	0.2 J	ND	0.3 J	ND	ND	0.14 J	ND	ND	0.099 J	0.14 J	ND	ND	0.074 J
Chrysene	**1**	0.40	ND	0.59	0.06 J	0.644	0.019 J	ND	ND	ND	0.16 J	ND	0.23 J	ND	ND	0.13 J	ND	ND	0.16 J	0.11 J	ND	ND	0.064 J
Dibenzo(a,h)anthracene	**0.33**	0.1 J	ND	0.13 J	0.012 J	ND	0.02	ND	ND	ND	0.032 J	ND	0.045 J	ND	ND	0.02 J	ND	ND	0.024 J	0.018 J	ND	ND	0.012 J
Fluoranthene	**100**	0.55	ND	0.67	0.064 J	0.572	0.016 J	ND	ND	ND	0.21 J	ND	0.31 J	ND	ND	0.17 J	ND	ND	0.068 J	0.13 J	ND	ND	0.079 J
Fluorene	**100**	0.03	ND	0.028 J	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.5**	0.37 J	ND	0.37	0.037 J	0.437	ND	ND	ND	ND	0.094 J	ND	0.14 J	ND	ND	0.066 J	ND	ND	0.064 J	0.063 J	0.035 J	ND	0.035 J
2-Methylnaphthalene	**--**	0.006 J	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**100**	0.014 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**100**	0.33	ND	0.33	0.011 J	0.305	ND	ND	ND	ND	0.12 J	ND	0.16 J	ND	ND	0.066 J	ND	ND	0.052 J	0.074 J	ND	ND	0.034 J
Pyrene	**100**	0.44	ND	0.61	0.054 J	0.622	0.012 J	ND	ND	ND	0.16 J	ND	0.21 J	ND	ND	0.12 J	ND	ND	0.09 J	0.11 J	ND	ND	0.058 J

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Residential Soil Cleanup Objectives (June 2006).
3. Represents the extension of noted grid to the southern property boundary

Definitions:
ND = Parameter not detected above laboratory detection limit.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
D = All compounds were identified in an analyisis at the secondary dilution factor.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 5

SUMMARY OF POST-EXCAVATION SOIL- PAHs

Final Engineering Report

330 Maple Road Site

Buffalo-Maple Road LLC

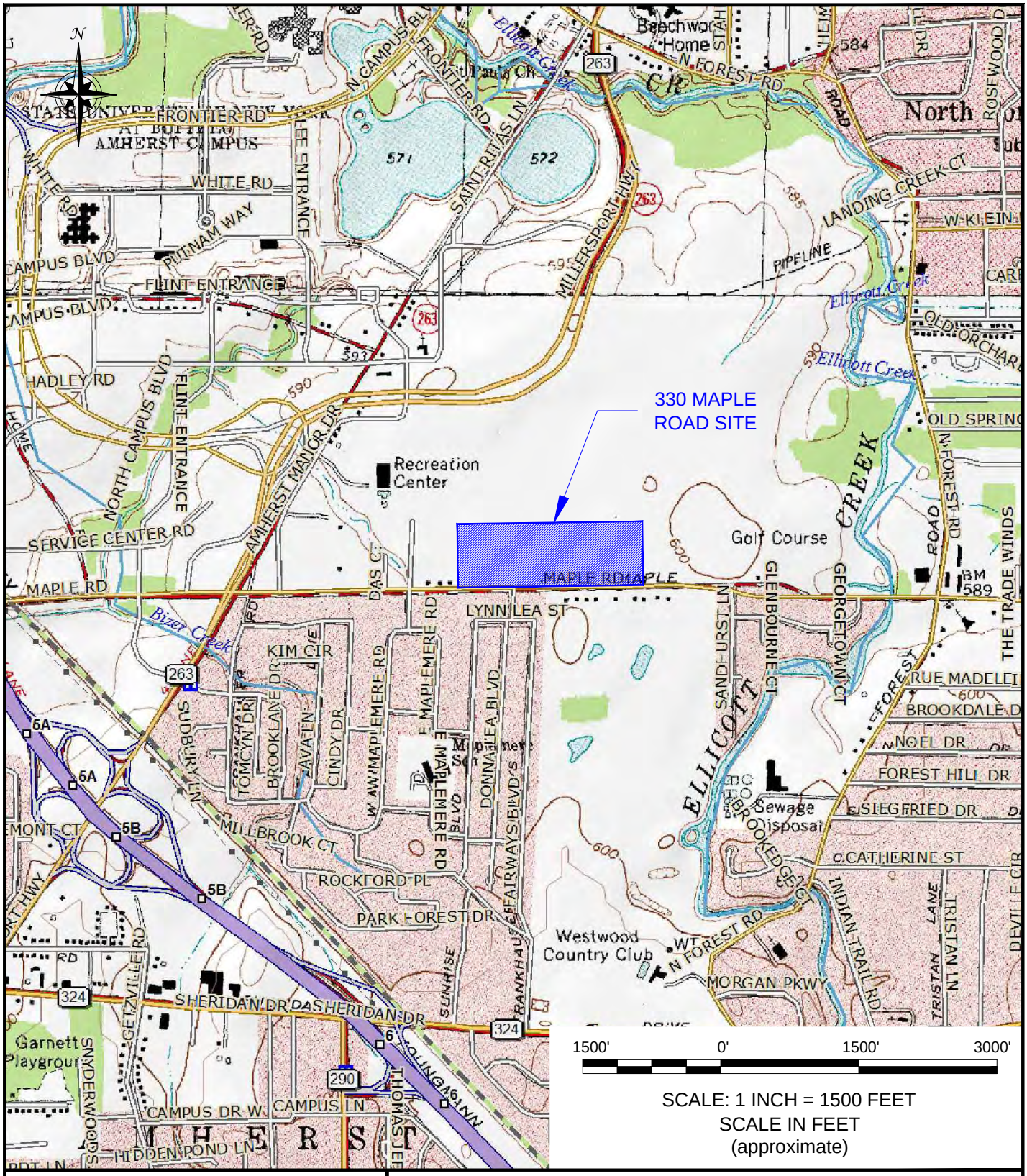
Parameter	Residential (ppm) [3]	C12-2 (0.5-1.0')	C14-2 (0.5-1.0')	C16-3 (1.0-2.0')	C20-3 (1.0-2.0')	C22-3 (1.0-2.0')	C24-1 (0-0.5')	E4-2 (0.5-1.0')	E6-3 (1.0-2.0')	E8-3 (1.0-2.0')	E10-3 (1.0-2.0')	E18-2 (0.5-1.0')	E20-2 (0.5-1.0')	E22-1 (0-0.5')	E24-1 (0-0.5')	G4-2 (0.5-1.0')	G6-2 (0.5-1.0')	G8-2 (0.5-1.0')	G10-2 (0.5-1.0')	G12-2 (0.5-1.0')	G14-3 (1.0-2.0')	G16-2 (0.5-1.0')	G18-2 (0.5-1.0')	G21-1 (0-0.5')
		C11, C12, D11, D12	C13, C14, D13, D14	C15, C16, D15, D16	C19, D20, D19, D20	C21, C22, D21, D22	C23, C24, D23, D24	E3, E4, F3, F4	E5, E6, F5, F6	E7, E8, F7, F8	E9, E10, F9, F10	E17, E18, F17, F18	E19, E20, F19, F20	E21, E22, F21, F22	E23, E24, F23, F24	G3, G4	G5, G6	G7, G8	G9, G10	G11, G12	G13, G14	G15, G16	G17, G18	G20, G21
PAHs - mg/Kg																								
Acenaphthene	**100**	ND	ND	0.02 J	0.044 J	ND	ND	ND	0.027 J	ND	ND	ND	0.035 J	ND	0.061 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**100**	0.01 J	ND	0.036 J	0.045 J	ND	ND	ND	0.043 J	ND	ND	ND	0.061 J	ND	0.034 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**1**	0.096 J	0.024 J	0.21 J	0.34 J	0.057 J	0.054 J	0.014 J	0.2 J	0.075 J	0.18 J	0.059 J	0.41 J	0.033 J	0.19 J	ND	0.018 J	ND	ND	0.032 J	ND	ND	ND	0.052 J
Benzo(b)fluoranthene	**1**	0.19 J	0.036 J	0.35 J	0.52	0.086 J	0.085 J	0.024 J	0.34 J	0.1 J	0.11 J	0.094 J	0.57	0.041 J	0.35 J	0.012 J	0.013 J	ND	ND	0.047 J	ND	0.014 J	ND	0.085 J
Benzo(k)fluoranthene	**1**	0.059 J	0.021 J	0.12 J	0.2 J	0.03 J	0.028 J	ND	0.12 J	0.03 J	0.022 J	0.028 J	ND	0.016 J	0.11	ND	ND	ND	ND	0.018	ND	ND	ND	0.028 J
Benzo(g,h,i)perylene	**100**	0.11 J	0.036 J	0.15 J	0.23 J	0.046 J	0.036 J	0.01 J	0.16 J	0.049 J	0.072 J	0.095 J	0.21 J	0.017 J	0.14 J	ND	ND	ND	ND	0.018 J	ND	ND	ND	0.042 J
Benzo(a)pyrene	**1**	0.15 J	0.034 J	0.28 J	0.46	0.083 J	0.065 J	0.017 J	0.31 J	0.097 J	0.22 J	0.075 J	0.52	0.034 J	0.3 J	ND	0.023 J	ND	ND	0.038 J	ND	ND	ND	0.067 J
Chrysene	**1**	0.1 J	0.023 J	0.21 J	0.37 J	0.069 J	0.062 J	0.015 J	0.22 J	0.095 J	0.32 J	0.06 J	0.46	0.033 J	0.2 J	ND	0.024 J	ND	ND	0.033 J	ND	ND	ND	0.06 J
Dibenzo(a,h)anthracene	**0.33**	0.022 J	ND	0.056 J	0.1 J	0.015 J	0.014 J	ND	0.065 J	0.023 J	0.042 J	0.011 J	0.073 J	ND	0.062 J	ND	ND	ND	ND	ND	ND	ND	ND	0.017 J
Fluoranthene	**100**	0.12 J	0.023 J	0.29 J	0.42	0.074 J	0.076 J	0.016 J	0.32 J	0.067 J	0.033 J	0.074 J	0.56	0.041 J	0.28 J	ND	ND	ND	ND	0.052 J	ND	0.012 J	ND	0.077 J
Fluorene	**100**	ND	ND	0.011 J	0.018 J	ND	ND	ND	0.016 J	ND	ND	ND	0.027 J	ND	0.015 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.5**	0.084 J	0.026 J	0.21 J	0.32 J	0.051 J	0.046 J	ND	0.23 J	0.055 J	0.039 J	0.039 J	0.25 J	0.019 J	0.2 J	ND	ND	ND	ND	0.028 J	ND	ND	ND	0.05 J
2-Methylnaphthalene	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**100**	ND	ND	ND	0.011 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**100**	0.047 J	0.011 J	0.14 J	0.2 J	0.048 J	0.029 J	ND	0.18 J	0.033 J	0.031 J	0.041 J	0.27 J	0.026 J	0.14 J	ND	ND	ND	ND	0.034 J	ND	ND	ND	0.037 J
Pyrene	**100**	0.16 J	0.029 J	0.24 J	0.37 J	0.071 J	0.063 J	0.013 J	0.26 J	0.061 J	0.097 J	0.066 J	0.48	0.04 J	0.22 J	ND	0.022 J	ND	ND	0.041 J	ND	0.011 J	ND	0.061 J

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Residential Soil Cleanup Objectives (June 2006).
3. Represents the extension of noted grid to the southern property boundary

Definitions:
ND = Parameter not detected above laboratory detection limit.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
D = All compounds were identified in an analyisis at the secondary dilution factor.

FIGURES

FIGURE 1



SCALE: 1 INCH = 1500 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

PROJECT NO.: 0105-002-300

DATE: FEBRUARY 2012

DRAFTED BY: BCH

SITE LOCATION AND VICINITY MAP

FINAL ENGINEERING REPORT

330 MAPLE ROAD SITE
WILLIAMSVILLE, NEW YORK

PREPARED FOR

BENDERSON DEVELOPMENT COMPANY, LLC

LEGEND:

- SITE DEVELOPMENT BOUNDARY (APPROX. 32.0 ACRES)
- BCP SITE BOUNDARY (APPROX. 26.0 ACRES)

140' 0' 140' 280'

SCALE: 1 INCH = 140 FEET
SCALE IN FEET
(approximate)

N

DATE: FEBRUARY 2012
DRAFTED BY: BCH

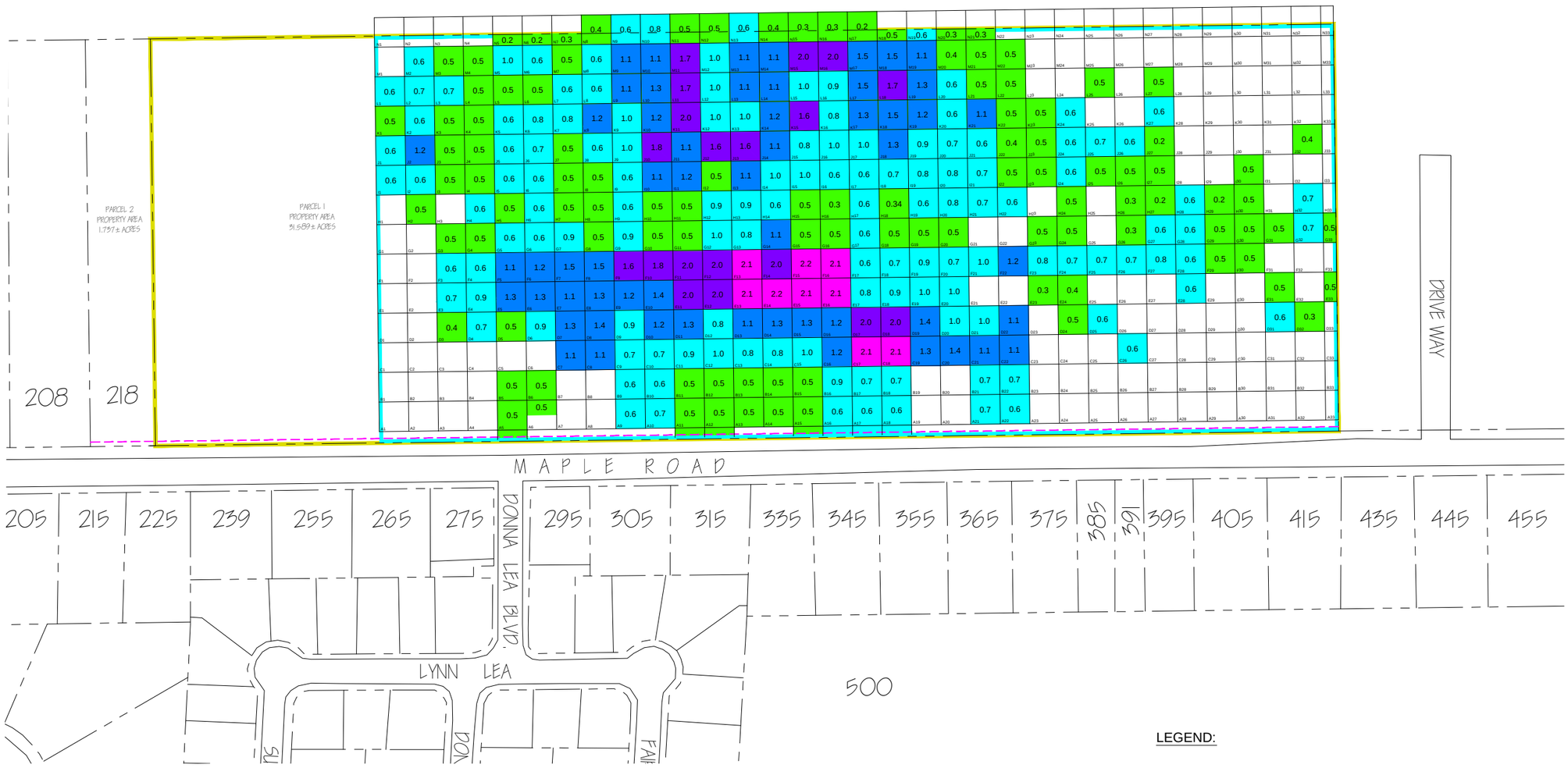
BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

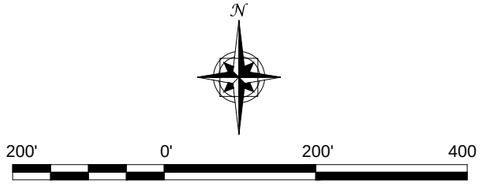
JOB NO.: 0105-002-300

SITE PLAN

FINAL ENGINEERING REPORT
330 MAPLE ROAD SITE
AMHERST, NEW YORK
PREPARED FOR
BENDERSON DEVELOPMENT COMPANY

FIGURE 2





SCALE: 1 INCH = 200 FEET
SCALE IN FEET
(approximate)

LEGEND:

- SITE DEVELOPMENT BOUNDARY (APPROX. 32.0 ACRES)
- BCP SITE BOUNDARY (APPROX. 26.0 ACRES)
- SANITARY SEWER (APPROX.)
- NO EXCAVATION
- EXCAVATION DEPTH - 0.0 TO 0.5 FBGS
- EXCAVATION DEPTH - 0.6 TO 1.0 FBGS
- EXCAVATION DEPTH - 1.1 TO 1.5 FBGS
- EXCAVATION DEPTH - 1.6 TO 2.0 FBGS
- EXCAVATION DEPTH - > 2.0 FBGS

DATE: FEBRUARY 2012
DRAFTED BY: BCH

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0105-002-300

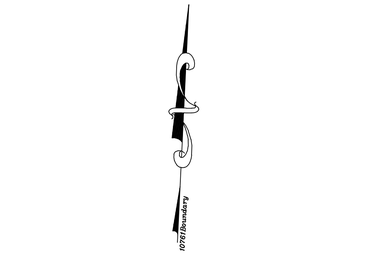
APPROXIMATE EXCAVATION LIMITS & DEPTHS

REMEDIAL WORK PLAN
330 MAPLE ROAD SITE
AMHERST, NEW YORK
PREPARED FOR
BENDERSON DEVELOPMENT COMPANY

FIGURE 3

APPENDIX A

SURVEY MAP
METES & BOUNDS



GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

LEGAL DESCRIPTION:

SCHEDULE "A"

PARCEL "1A"
All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:

Beginning at a point in a line drawn parallel with the southerly line of said Lot Number 67 and distant 288.85 feet northerly therefrom, as measured along the westerly line of said Lot Number 67, said point of beginning being 969.43 feet distant easterly from the westerly line of said Lot Number 67; running thence easterly along said line so drawn parallel with the southerly line of Lot Number 67, a distance of 2000 feet; running thence northerly at right angles, 633.27 feet to a point in a line drawn parallel with the southerly line of said Lot Number 67; running thence westerly along said parallel line, 2000 feet; running thence southerly in a straight line, 633.27 feet more or less to the place of beginning.

PARCEL "1B"
All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:
Beginning at a point in the north line of Maple Road, 969.43 feet distant easterly from the westerly line of said Lot Number 67; thence east along the north line of Maple Road, 2,000.00 feet to a point; thence north and parallel to the east line of Lot Number 67, a distance of 54.84 feet to the southerly line of lands conveyed to Henry Knapp by Deed recorded in the Erie County Clerk's Office in Liber 1477 of Deeds at page 98; thence westerly parallel with the south line of Lot Number 67 and along the southerly line of lands so conveyed to Henry Knapp, 2,000.00 feet; thence southerly parallel to the east line of Lot Number 67, 54.75± feet to the place of beginning.

SCHEDULE "B"

STEWART TITLE INSURANCE COMPANY
TITLE NO: BA11-4184 (DEC)
DATED: MAY 20, 2011

PARCEL 1;

11. EASEMENT GRANTED BY THE BUFFALO SHOOTING CLUB TO NEW YORK TELEPHONE, DATED AUGUST 10, 1960 AND RECORDED OCTOBER 31, 1960 IN LIBER 6605 OF DEEDS, PAGE 76. (PLOTTED ON DRAWING)

12. EASEMENT GRANTED BY THE BUFFALO SHOOTING CLUB, INC. TO TOWN OF AMHERST, DATED NOVEMBER 1, 1962 AND RECORDED JANUARY 9, 1963 IN LIBER 6852 OF DEEDS, PAGE 269. (PLOTTED ON DRAWING)

BCP AREA DESCRIPTION

All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:
Beginning at a point in the north line of Maple Road, 1,349.12 feet distant easterly from the westerly line of said Lot Number 67; thence east along the north line of said Maple Road, 1,620.31 feet to a point; thence north and parallel to the east line of Lot Number 67, a distance of 688.00 feet to a point in a line drawn parallel with the southerly line of said Lot Number 67; running thence westerly along said parallel line, 1,620.31 feet; running thence southerly and parallel to the east line of Lot Number 67, 688.00 feet to the point and place of beginning.

This parcel containing 1,114,776 Square feet or 25.592 Acres of land more or less.

UTILITY NOTE:

The underground utilities shown have been located from field survey information & existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

LEGEND

Ø	UTILITY / SERVICE POLE	R.O.W.	RIGHT OF WAY
⊠	WATER LINE VALVE	CONC.	CONCRETE
⊱	FIRE HYDRANT	INV.	INVERT
□	D.I. (DROP INLET – STORM)	M.H.	MANHOLE
Ⓓ	MANHOLE (STORM)	—G—	GAS LINE
Ⓔ	MANHOLE (ELECTRIC)	—W—	WATER LINE
Ⓣ	MANHOLE (TRAFFIC)	—T—	TELEPHONE LINE
Ⓢ	MANHOLE (SANITARY)	—E—	ELECTRIC LINE
○	LDR (LIGHT DUTY RECEIVER – STORM)	—P—	UTILITY LINES
○	BYD (BACKYARD DRAIN INLET – STORM)	—C—	CABLE LINES
⊠	GAS LINE VALVE	D.	DEED
☼	LIGHT STANDARD	M.	MEASURED
—○—	SIGN	L.	LIBER
H.C.	HANDICAP	P.	PAGE

2-7-12: AMEND TO ADD BCP AREA

INSTRUMENT(S) UTILIZED IN DETERMINING LOCATION OF BOUNDARY LINES: Legal Description

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED IN SAID ABSTRACT.

NOTE: PROPERTY CORNER MONUMENTS WERE NOT PLACED AS PART OF THIS SURVEY.

I HEREBY CERTIFY TO The People of the State of New York acting through its Commissioner of the Department of Environmental Conservation,
THAT THIS SURVEY MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT STANDARD FOR LAND SURVEYS ADOPTED BY THE ERIE COUNTY BAR ASSOCIATION. THIS CERTIFICATION SHALL EXTEND TO THE PRESENT OWNER AND TO THE LENDING INSTITUTION, ASSIGNORS AND/OR ASSIGNEES OF THE LENDING INSTITUTION. THIS CERTIFICATION IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS OTHER THAN STATED ABOVE.
FRANCIS C. DELLES NYSPLS No. 050477

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LAND SURVEYORS, LLP
150 AERO DRIVE
BUFFALO, NEW YORK 14225
PHONE (716) 631-5140 ~ FAX 631-3811

"ALL RIGHTS RESERVED"

AMEND:
SURVEY DATE: 12-23-11
©DRAWING DATE: 1-2-12
SCALE: 1" = 40'

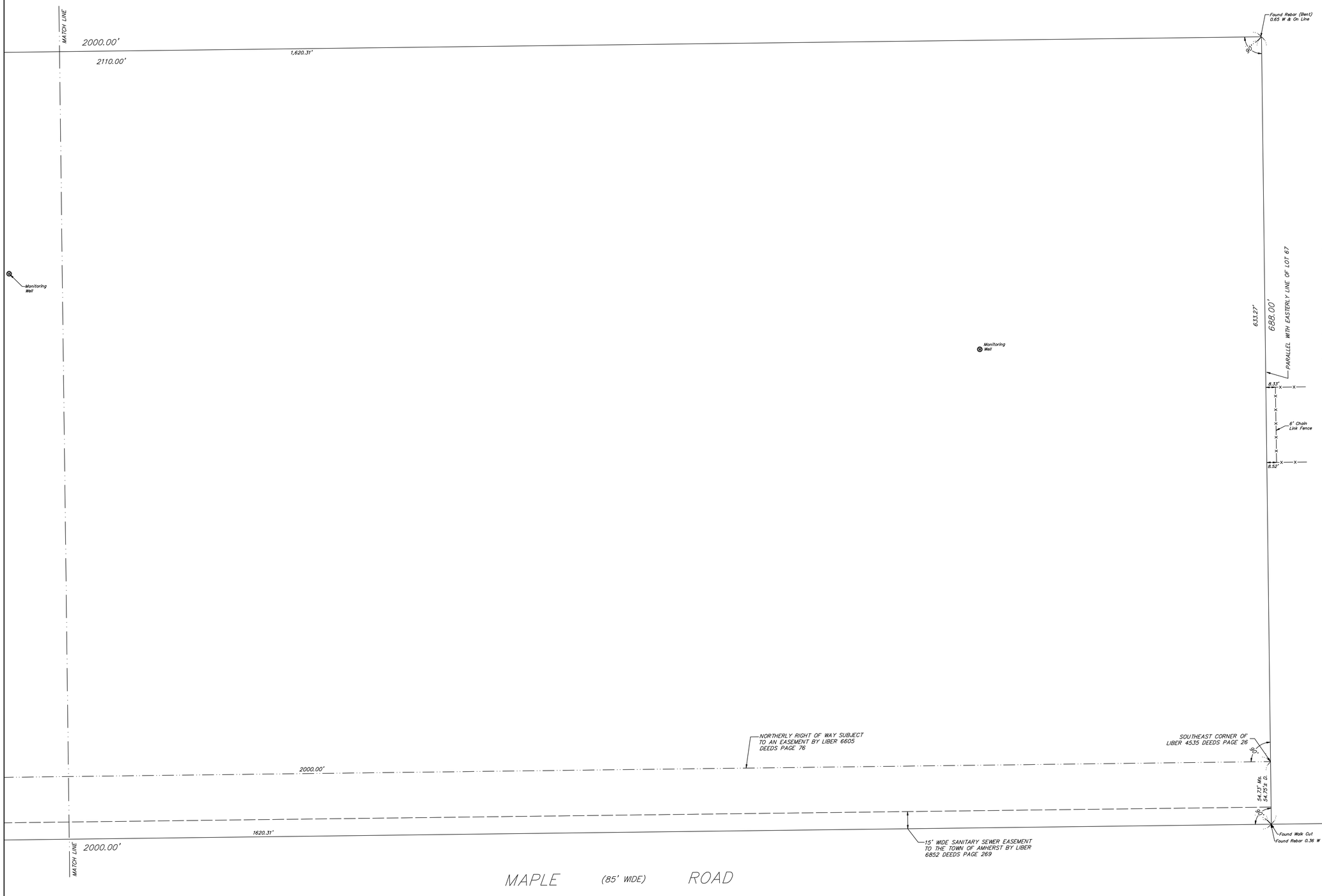
SHEET 1 OF 2

PART OF LOT 67 SECTION ____ TOWNSHIP 12 RANGE 7 OF THE: Holland Land Company's SURVEY- Erie COUNTY, N.Y.

SURVEY OF: 330 Maple Road, Town of Amherst

THIS MAP VOID UNLESS EMBOSSED WITH NEW YORK STATE LICENSED LAND SURVEYOR'S SEAL. ALTERING ANY ITEM ON THIS MAP IS A VIOLATION OF THE LAW EXCEPT AS PROVIDED IN SECTION 7209, PART 2, OF THE NEW YORK STATE EDUCATION LAW.

SBL No. 55.03-1-10



GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

LEGAL DESCRIPTION:

SCHEDULE "A"

PARCEL "1A"
All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:

Beginning at a point in a line drawn parallel with the southerly line of said Lot Number 67 and distant 288.85 feet northerly therefrom, as measured along the westerly line of said Lot Number 67, said point of beginning being 969.43 feet distant easterly from the westerly line of said Lot Number 67; running thence easterly along said line so drawn parallel with the southerly line of Lot Number 67, a distance of 2000 feet; running thence northerly at right angles, 633.27 feet to a point in a line drawn parallel with the southerly line of said Lot Number 67; running thence westerly along said parallel line, 2000 feet; running thence southerly in a straight line, 633.27 feet more or less to the place of beginning.

PARCEL "1B"
All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:
Beginning at a point in the north line of Maple Road, 969.43 feet distant easterly from the westerly line of said Lot Number 67; thence east along the north line of Maple Road, 2,000.00 feet to a point; thence north and parallel to the east line of Lot Number 67, a distance of 54.84 feet to the southerly line of lands conveyed to Henry Knapp by Deed recorded in the Erie County Clerk's Office in Liber 1477 of Deeds at page 98; thence westerly parallel with the south line of Lot Number 67 and along the southerly line of lands so conveyed to Henry Knapp, 2,000.00 feet; thence southerly parallel to the east line of Lot Number 67, 54.75± feet to the place of beginning.

SCHEDULE "B"

STEWART TITLE INSURANCE COMPANY
TITLE NO: BA11-4184 (DEC)
DATED: MAY 20, 2011

PARCEL 1;

11. EASEMENT GRANTED BY THE BUFFALO SHOOTING CLUB TO NEW YORK TELEPHONE, DATED AUGUST 10, 1960 AND RECORDED OCTOBER 31, 1960 IN LIBER 6605 OF DEEDS, PAGE 76. (PLOTTED ON DRAWING)

12. EASEMENT GRANTED BY THE BUFFALO SHOOTING CLUB, INC. TO TOWN OF AMHERST, DATED NOVEMBER 1, 1962 AND RECORDED JANUARY 9, 1963 IN LIBER 6852 OF DEEDS, PAGE 269. (PLOTTED ON DRAWING)

BCP AREA DESCRIPTION

All that tract or parcel of land, situate in the Town of Amherst, County of Erie and State of New York, being part of Lot Number 67, Township 12, Range 7 of the Holland Land Company's Survey, bounded and described as follows:
Beginning at a point in the north line of Maple Road, 1,349.12 feet distant easterly from the westerly line of said Lot Number 67; thence east along the north line of said Maple Road, 1,620.31 feet to a point; thence north and parallel to the east line of Lot Number 67, a distance of 688.00 feet to a point in a line drawn parallel with the southerly line of said Lot Number 67; running thence westerly along said parallel line, 1,620.31 feet; running thence southerly and parallel to the east line of Lot Number 67, 688.00 feet to the point and place of beginning.

This parcel containing 1,114,776 Square feet or 25.592 Acres of land more or less.

UTILITY NOTE:

The underground utilities shown have been located from field survey information & existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

LEGEND

⌀	UTILITY / SERVICE POLE	R.O.W.	RIGHT OF WAY
⊠	WATER LINE VALVE	CONC.	CONCRETE
⋇	FIRE HYDRANT	INV.	INVERT
□	D.I. (DROP INLET – STORM)	M.H.	MANHOLE
Ⓓ	MANHOLE (STORM)	—G—	GAS LINE
Ⓔ	MANHOLE (ELECTRIC)	—W—	WATER LINE
Ⓣ	MANHOLE (TRAFFIC)	—T—	TELEPHONE LINE
Ⓢ	MANHOLE (SANITARY)	—E—	ELECTRIC LINE
∘	LDR (LIGHT DUTY RECEIVER – STORM)	—P—	UTILITY LINES
∘	BYD (BACKYARD DRAIN INLET – STORM)	—C—	CABLE LINES
⊠	GAS LINE VALVE	D.	DEED
☼	LIGHT STANDARD	M.	MEASURED
—o—	SIGN	L.	LIBER
H.C.	HANDICAP	P.	PAGE

2-7-12: AMEND TO ADD BCP AREA

INSTRUMENT(S) UTILIZED IN DETERMINING LOCATION OF BOUNDARY LINES: Legal Description
THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED IN SAID ABSTRACT.
NOTE: PROPERTY CORNER MONUMENTS WERE NOT PLACED AS PART OF THIS SURVEY.

I HEREBY CERTIFY TO The People of the State of New York acting through its Commissioner of the Department of Environmental Conservation,
THAT THIS SURVEY MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT STANDARD FOR LAND SURVEYS ADOPTED BY THE ERIE COUNTY BAR ASSOCIATION. THIS CERTIFICATION SHALL EXTEND ONLY TO THE ENTITIES LISTED HEREON AND TO THE SUCESSORS AND/OR ASSIGNEES OF THE LENDING INSTITUTION. THIS CERTIFICATION IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS OTHER THAN STATED ABOVE.
FREDRICK E. DELLES — NYSPLS No. 050477

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Millard, MacKay & Delles
LAND SURVEYORS, LLP
150 AERO DRIVE
BUFFALO, NEW YORK 14225
PHONE (716) 631-5140 ~ FAX 631-3811

AMEND:
SURVEY DATE: 12-23-11
©DRAWING DATE: 1-2-12
SCALE: 1" = 40'

SHEET 2 OF 2

PART OF LOT 67 SECTION ____ TOWNSHIP 12 RANGE 7 OF THE: Holland Land Company's SURVEY – Erie COUNTY, N.Y.

SURVEY OF: 330 Maple Road, Town of Amherst

THIS MAP VOID UNLESS EMBOSSED WITH NEW YORK STATE LICENSED LAND SURVEYOR'S SEAL. ALTERING ANY ITEM ON THIS MAP IS A VIOLATION OF THE LAW EXCEPT AS PROVIDED IN SECTION 7209, PART 2, OF THE NEW YORK STATE EDUCATION LAW.

SBL No. 55.03-1-10

APPENDIX B

ELECTRONIC COPY OF FER
(CD ENCLOSED)

APPENDIX C

FACT SHEETS

New York State Department of Environmental Conservation

FACT SHEET

Brownfield Cleanup Program

330 Maple Road Site **July 2006**
C915207
Williamsville, NY

Draft Remedial Investigation Work Plan Available for Public Comment

The New York State Department of Environmental Conservation (NYSDEC) requests public comments as it reviews a draft work plan to investigate 330 Maple Road Site located at 330 Maple Road in Williamsville, Erie County. See map for the location of the site. The draft "Remedial Investigation Work Plan" was submitted by Benderson Developmental Company, LLC under New York's Brownfield Cleanup Program (BCP).

NYSDEC previously accepted an application submitted by Benderson Developmental Company, LLC to participate in the BCP. The application proposes that the site will be used for commercial purposes.

Public Comments About the Draft Remedial Investigation Work Plan
NYSDEC is accepting written public comments about the draft Remedial Investigation (RI) Work Plan for 30 days, from **July 26, 2006** through **August 25, 2006.** The draft RI Work Plan is available for public review at the document repository identified in this fact sheet.

Written comments should be submitted to:

Michael Hinton, P.E.
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

Highlights of the Proposed Remedial Investigation
The remedial investigation has several goals:

1) define the nature and extent of contamination in soil, surface water, groundwater and any other impacted media;
2) identify the source(s) of the contamination;
3) assess the impact of the contamination on public health and/or the environment; and
4) provide information to support the development of a Remedial Work Plan to address the contamination.
The investigation will be performed by Benderson Developmental Company, LLC with oversight by NYSDEC and the New York State Department of Health (NYSDOH).

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing and business.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit:
www.dec.state.ny.us/website/der/bcp

Next Steps
NYSDEC will consider public comments when it completes its review, has any necessary revisions made, and approves the RI Work Plan. NYSDOH must concur in the approval of the RI Work Plan. The approved RI Work Plan will be placed in the document repository (see below). After the RI Work Plan is approved, Benderson Developmental Co., LLC may proceed with the remedial investigation of the site. It is estimated that the remedial investigation will take about three weeks.

The applicant will develop a Remedial Investigation Report that summarizes the results of the remedial investigation.

NYSDEC will keep the public informed during the investigation and remediation of 330 Maple Road Site.

Background

The Site is located on the north side of Maple Road in the Town of Amherst, New York (see Figure 1). The site is currently utilized by the Buffalo Shooting Club as a shooting range and includes one building, a small arms shooting range and associated trap houses. The central area of the site is the "active" shooting range area and the eastern and western portions of the site are vacant land with vegetative cover comprised of grass, shrubs and young trees.
.
A Phase I Environmental Site Assessment (ESA) was performed for the subject property in March 2005. The Phase I ESA indicated that the primary concern is potential lead contamination from shooting (gun) range activities, which cover a significant portion of the property. The former indoor gun range located in the basement was also of concern.

A limited Phase II environmental investigation was performed in April 2005. Due to the nature of the shooting activities, the Phase II investigations focused on sampling for lead and semi-volatile organic compounds (SVOCs) in surface and subsurface soil, and in the basement of the clubhouse. Based on the Phase II investigation, it was determined that site soil has been impacted with lead and certain SVOCs. Groundwater was not studied during that investigation.

A supplemental soil investigation was performed in May 2006. The investigation focused on collecting site-wide near-surface (i.e., 0-6 inches below ground surface) soil samples to evaluate the areal extent of previously identified lead impact on-site. The findings of that study indicated that the majority of the near-surface soils on-site have been impacted by lead.

Benderson Developmental Company, LLC has elected to pursue cleanup and redevelopment of 330 Maple Road under the New York State Brownfield Cleanup Program (BCP), and has applied for entrance into the BCP with the intent to execute a Brownfield Cleanup Agreement (BCA) as a non-responsible party (volunteer) per ECL§27-1405.

FOR MORE INFORMATION

Document Repository
A local document repository has been established at the following location to help the public to review important project documents. These documents include the draft RI Work Plan and the application to participate in the BCP accepted by NYSDEC:

Amherst Public Library
Williamsville Branch
5571 Main Street
Amherst, New York 14221
716-632-6176

Who to Contact
Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Michael Hinton
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Health Related Questions
Cameron O'Connor
New York State Department of Health
584 Delaware Avenue
Buffalo, New York 14202
(716) 847-4385

If you know someone who would like to be added to the project mailing list, have them contact the NYSDEC project manager above. We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

New York State Department of Environmental Conservation

FACT SHEET

Brownfield Cleanup Program

330 Maple Road Site
C915207
Williamsville, NY

November 2007

Environmental Investigation Report for Maple Road Site Available for Public Review

The New York State Department of Environmental Conservation (DEC) welcomes public comments as it reviews a draft Remedial Investigation (RI) Report for the 330 Maple Road Site located at 330 Maple Road in the Town of Amherst, Erie County. (See map on last page for the location of the site.) The draft "Remedial Investigation Report" was submitted by Benderson Development Company, LLC under New York's Brownfield Cleanup Program (BCP).

DEC previously approved a BCP application and RI Work Plan submitted by Benderson Development Company, LLC to participate in the BCP. The RI Work Plan was approved by DEC in August 2006 and a Brownfield Cleanup Agreement (BCA) was executed between Benderson Development Company, LLC and DEC on September 22, 2006. As indicated in the BCA, and based on the approximate area of lead-impacted soil/fill, DEC determined that an approximate 26-acre portion (Site or BCP Site) of the greater 32-acre parcel is subject to the BCA (see Figure 2).

Public Review of the Draft Remedial Investigation Report
The draft RI Report is available for public review at the locations identified on the last page of this fact sheet.

Highlights of the Remedial Investigation
The remedial investigation consisted of:
1) completing over 400 soil borings, and installation of groundwater monitoring wells on-site to define the type and location of contamination;
2) identifying the source of the contamination (i.e. historic site use as a gun-shooting range);
3) collecting sufficient data to support selection of a remedy to address the contamination.

Site Background

The site is located on the north side of Maple Road in the Town of Amherst. The site was formerly utilized by the Buffalo Shooting Club as a shooting range, and includes one building, a small arms shooting range, and associated trap houses. The central area of the site is the former "active" shooting range area and the eastern and western portions of the site are vacant land with vegetative cover comprised of grass, shrubs, and young trees.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing and business.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit:
www.dec.state.ny.us/website/der/bcp

Environmental History
A Phase I Environmental Site Assessment (ESA) was performed for the site in March 2005. The Phase I ESA indicated that the primary concern is lead contamination from shooting (gun) range activities, which cover a significant portion of the property. The former indoor gun range located in the basement was also identified as an area of concern.

A limited Phase II environmental investigation was performed in April 2005. Due to the nature of the shooting activities, the Phase II investigations focused on sampling for lead and semi-volatile organic compounds (SVOCs) in surface and subsurface soil, and in the basement of the clubhouse. Based on the Phase II investigation, it was determined that site soil has been impacted with lead and certain SVOCs. Groundwater was not studied during that investigation.

A supplemental soil investigation was performed in May 2006. The investigation focused on collecting site-wide near-surface (i.e., 0-6 inches below ground surface) soil samples to evaluate the area of extent of previously identified lead impact on-site. The findings of that study indicated that the majority of the near-surface soils on-site have been impacted by lead.

Benderson Development Company, LLC elected to pursue cleanup and redevelopment of 330 Maple Road under the New York State Brownfield Cleanup Program (BCP), and executed a Brownfield Cleanup Agreement (BCA) as a non-responsible party (volunteer).

Starting in November 2006, Benchmark Environmental Engineering and Science, PLLC (Benchmark) performed RI fieldwork, which included completion of over 400 soil borings and installation of groundwater monitoring wells on-site to define the nature and extent of contamination. Based on the findings of the RI fieldwork and previous investigations, the extent of the contamination (i.e., lead and certain semi-volatile organic compounds in surface and near surface soil/fill) on-site was defined.

BCP Status

- The RI Work Plan was approved by the DEC in August 2006.
- A Brownfield Cleanup Agreement (BCA) was executed between Benderson Development Company, LLC and the NYSDEC on September 22, 2006.

Next Steps
DEC will review the RI Report and make any necessary revisions. After the necessary revisions have been made, the RI report will be approved. NYS Department of Health (DOH) must concur in the approval of these reports. The approved RI Report will be placed in the document repository (see below).

FOR MORE INFORMATION

Locations to View Project Related Documents
The public is welcome to review important project documents at the locations identified below. These documents include the RI Report, the RI Work Plan and the BCP application accepted by DEC:

Amherst Public Library
Williamsville Branch
5571 Main Street
Amherst, New York 14221
716-632-6176

NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203
Hours: 8:30 AM – 4:30 PM
Please call 716-851-7220 to schedule an appointment.

Who to Contact
Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Mr. Michael Hinton, P.E.
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999
(716) 851-7220

Health Related Questions
Mr. Matthew Forcucci
New York State Department of Health
584 Delaware Avenue
Buffalo, New York 14202
(716) 847-4385

If you know someone who would like to be added to the project mailing list, please have them contact the NYSDEC project manager above. We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Figure 1- Site Location

New York State Department of Environmental Conservation

FACT SHEET

Brownfield Cleanup Program

330 Maple Road Site **C915207**
Williamsville, NY **August 2008**

Cleanup Plan for 330 Maple Road Site Available for Public Comment

The New York State Department of Environmental Conservation (NYSDEC) requests public comments as it reviews a draft cleanup plan, called a Remedial Action (RA) Work Plan, to address contamination at the former Buffalo Shooting Club located at 330 Maple Road in the Town of Amherst, Erie County (see map on last page for the location of the site). Benderson Development Company, LLC submitted the plan under New York's Brownfield Cleanup Program (BCP). The plan includes an Alternative Analysis Report that evaluated environmental cleanup technologies to address the contamination.

Public Comments About the Draft Cleanup Plan

NYSDEC is accepting written public comments about the draft Remedial Action Work Plan for 45 days, from **August 27, 2008** through **October 14, 2008.** The draft RA Work Plan is available for public review at the locations identified on the back page of this fact sheet.

Written comments should be submitted to the project manager, Michael Hinton (see back page for contact information).

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing and business.

A **brownfield** is any property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: **www.dec.ny.gov/chemical/8450.html**

Highlights of the Proposed Remedial Action Work Plan:

The remedial action has several goals, including:

- Removing contaminated soil so it will meet residential cleanup standards;
- Treating lead-contaminated soil exhibiting hazardous characteristics prior to off-site disposal;
- Disposing of contaminated soils at a NYSDEC approved disposal facility; and if necessary
- Preparing a Site Management Plan(SMP) that includes an environmental easement filed with the Erie County Clerk.

The remedial work will be performed by Benderson Development Company, LLC with oversight by NYSDEC and the New York State Department of Health (NYSDOH).

Next Steps

NYSDEC will consider public comments when it completes its review, makes any necessary revisions, and approves the RA Work Plan. The New York State Department of Health must concur in the approval of the RA Work Plan. The approved RA Work Plan will be available for public review at the locations identified at the end of this fact sheet. After the RA Work Plan is approved, Benderson Development Co., LLC may proceed with cleaning up the site. It is estimated that the cleanup will take about six to eight weeks to complete.

Background

The Site is located on the north side of Maple Road in the Town of Amherst, New York. The site was formerly utilized by the Buffalo Shooting Club as a shooting range and includes one building, a small arms shooting range and associated trap houses. The central area of the site is the "active" shooting range area

and the eastern and western portions of the site are vacant land with vegetative cover comprised of grass, shrubs and young trees.

Previous environmental investigations at the site revealed that shooting (gun) range activities contaminated the site's surface and subsurface soils with lead and semi-volatile organic compounds (SVOCs). The basement of the clubhouse is also contaminated. Groundwater at the site has not been impacted.

Benderson Development Company, LLC elected to pursue cleanup and redevelopment of 330 Maple Road under the New York State Brownfield Cleanup Program (BCP), and executed a Brownfield Cleanup Agreement (BCA) as a non-responsible volunteer (one that was not responsible for creating the contamination).

FOR MORE INFORMATION

Locations to View Project Related Documents

The public is welcome to review important project documents at the locations identified below. These documents include the draft RA Work Plan and the application to participate in the BCP accepted by NYSDEC:

Amherst Public Library
Williamsville Branch
5571 Main Street
Amherst, New York 14221
716-632-6176

NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203
Hours: 8:30 AM – 4:30 PM
Please call 716-851-7220 to schedule an appointment.

Who to Contact

Comments and questions are always welcome and should be directed as follows:

<u>Project Related Questions</u>
Mr. Michael Hinton, P.E.
NYSDEC
270 Michigan Avenue
Buffalo, New York 14203
(716) 851-7220

<u>Health Related Questions</u>
Mr. Matthew Forcucci
NYSDOH
584 Delaware Avenue
Buffalo, New York 14202
(716) 847-4385

If you know someone who would like to be added to the project mailing list, please have them contact the NYSDEC project manager above. We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Site Location

FACT SHEET

Environmental Cleanup Activities to Begin at the 330 Maple Road Site

Brownfield Cleanup Program **Project No. C915207** **June 2011**

Introduction

The New York State Department of Environmental Conservation (NYSDEC) would like to inform you that environmental cleanup activities have begun at the 330 Maple Road Site in Amherst. The site was once the location of the former Buffalo Shooting Club. The Site is contaminated with lead and polycyclic aromatic hydrocarbons (PAHs) related to the shooting range operation.

Work at the site is being conducted under New York's Brownfield Cleanup Program (BCP), a program that encourages private individuals, developers, or businesses to voluntarily clean up and redevelop former brownfield sites. Buffalo-Maple Road LLC as a volunteer is performing the cleanup activities under the oversight of the NYSDEC and the NYS Department of Health (NYSDOH).

Site Location Map

Highlights of the Cleanup Work

The upcoming cleanup work will address environmental concerns related to the former use of the site as a shooting range. Under the oversight of the DEC, cleanup activities will include:

- Clearing and grubbing of vegetation and woody material on the remedial action areas;
- Demolition and disposal of the former club house building, and former trap and skeet houses;
- Removal of lead shot from soil for off-site recycling;
- Treatment of select lead-impacted soil to render non-hazardous;
- Excavation and off-site disposal of non-hazardous lead- and PAH-impacted soil; and
- Excavation and off-site disposal of clay target debris.
- Clean-up of the site is being performed to meet residential use Site Clean-up Goals.

During the remedial work to address the on-site contamination, dust and odor monitoring will be conducted and procedures will be in place to reduce or eliminate potential dust and odor if they become a problem.

Next Steps

The cleanup activities at the site are expected to be complete within three to four months. After the cleanup activities are complete, the applicant will prepare a Final Engineering Report (FER) that describes the cleanup activities and certifies that cleanup requirements have been achieved. The report is expected to be available in the Fall of 2011. DEC will keep the public informed about project milestones through fact sheets similar to this one.

Site Background

The Site is an approximate 26-acre portion of the larger former Buffalo Shooting Club, located along Maple Road, and was formerly used as a shooting range from approximately 1943 to 2006. Former shooting range operations have impacted on-site soil with lead and PAHs which will require remediation.

Who Should I Call If I Have Questions About the Site?

Questions regarding the investigation of this site are welcome. Should you have any questions, please contact the following representatives:

Environment Questions

Mr. Michael Hinton, P.E.
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999
(716) 851-7220

Health Questions

Mr. Matthew Forcucci
New York State Department of Health
584 Delaware Avenue
Buffalo, New York 14202
(716) 847-4501

Locations to View Project Documents

Two locations have been established as document repositories to provide you with access to project information. Documents are available at:

NYSDEC Region 9 Office
270 Michigan Avenue
Buffalo, NY 14203
(716) 851-7220

Amherst Public Library
Williamsville Branch
5571 Main Street
Amherst, NY 14094
(716) 433-5935

Project documents are also available on the DEC website at http://www.dec.ny.gov/chemical/74859.html.

Receive Site Fact Sheets by Email
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:
www.dec.ny.gov/chemical/61092.html
It's *quick*, it's *free*, and it will help keep you *better informed*.

Nathan Munley

From: Larry Ennist [ldennist@gw.dec.state.ny.us]
Sent: Wednesday, February 16, 2011 11:22 AM
To: Nathan Munley
Cc: Mark Baetzhold
Subject: Re: ListServ Initiative - Roberts Road Redevelopment

Mr. Munley, I'm in receipt of mailing certifications from you for both the [redacted] and the 330 Maple Road Site. Thanks for your assistance with this public outreach initiative.

Larry Ennist
NYSDEC
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

(518) 402-9751 (desk)
(518) 402-9764 (bureau)
(518) 402-9722 (fax)

ldennist@gw.dec.state.ny.us
>>> Nathan Munley <NMunley@benchmarkturnkey.com> 2/16/2011 11:10 AM >>>
Gentlemen,
Attached is the executed Mailing Certification for the Roberts Road Redevelopment Site (C907032). The mailings were completed within the required timeframe as presented in the Department's Nov 23, 2010 correspondence.

Please let me know if you have any questions, or need additional information
Regards
Nate

Nathan T. Munley
Project Environmental Scientist

Strong Advocates | Effective Solutions | Integrated Implementation

Phone: (716) 856-0635/856-0599
Direct Dial: (716) 508-5209
Facsimile: (716) 856-0583
E-mail: **nmunley@benchmarkturnkey.com**

2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
www.benchmarkturnkey.com

New York State Department of Environmental Conservation
Division of Environmental Remediation

MAILING CERTIFICATION

SITE NAME: 330 Maple Rd Site

SITE NO.: C915207

I certify that the entity/party identified as the site contact in the letter sent by the New York State Department of Environmental Conservation (DEC) completed all the tasks identified in that letter regarding the county email listserv initiative within 75 calendar days of the date of that letter.

First post card: Date mailed: 1/6/11
Number of parties mailed to: 84

Second post card: Date mailed: 2/14/11
Number of parties mailed to: 84

Samples of the two post cards mailed and the site contact list used are being maintained and will be provided to DEC within five (5) business days of DEC's request.

Signature (Authorized Representative of Entity/Party on Letter)

Date 2/15/11

Print Name
Michael Lesakowski

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7012

330 Maple Road Site,
Erie County

NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7012

330 Maple Road Site,
Erie County

APPENDIX G

PROJECT PHOTO LOG

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: Erosion control on west side of Site (looking West).

Photo 2: Cutting out impacted soil and building access road for Site (looking North).

Photo 3: Asbestos roll-off ready for disposal.

Photo 4: Clay target debris being cut and stockpiled for later disposal (looking West).

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: North east portion of the site after grubbing (looking North).

Photo 6: Roto-tilling grids to aid in lead shot recovery (looking Northwest).

Photo 7: Cut grids along west side of site (looking Southwest).

Photo 8: Visible lead shot.

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: Screen used in lead shot recovery (looking North).

Photo 10: Recovered lead shot.

Photo 11: Power screen brought on-Site to help break up soil/fill for lead recovery.

Photo 12: Drums of lead shot staged on-Site for later recycling (looking North).

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13: Club house building demolition (looking West).

Photo 14: Fuel oil tank found in club house basement (looking East).

Photo 15: Fuel oil tank being removed from basement.

Photo 16: Fuel oil tank crushed going off-Site to be recycled with scrap.

SITE PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 19:

Photo 20:

Photo 17: Soil/fill treatment reagents (Ecobond® on left and lime on right).

Photo 18: Mixing treatment reagents with excavator.

Photo 19: Cutting and pushing soil/fill with dozer.

Photo 20: Treatment piles in various stages (looking West).

SITE PHOTOGRAPHS

Photo 21:

Photo 22:

Photo 23:

Photo 24:

Photo 21: Loading impacted soil/fill into dump trucks (looking North).

Photo 22: Loading impacted soil into dump truck.

Photo 23: Benchmark employee relays elevation data to dozer operator to aid in cutting grids (looking North).

Photo 24: Delivery of two 20,000-gallon tanks used to store surface water before treatment and discharge to sewer (looking West).

SITE PHOTOGRAPHS

Photo 25:

Photo 26:

Photo 27:

Photo 28:

Photo 25: Loading soil/fill in to dump trucks (looking North).

Photo 26: Club house basement being backfilled with crusher and compacted with roller (looking east).

Photo 27: Off-Site berm excavation (looking West).

Photo28: South side of site after excavation complete (looking East).

SITE PHOTOGRAPHS

Photo 29:

Photo 30:

Photo 29: West side of site after excavation complete (looking Southwest).

Photo 30: East side of site after excavation complete (looking Southeast).