COST TO CURE REPORT
PARK LAND

9TH STREET EQUITIES LLC
86 KENT AVENUE BETWEEN & INCLUDING
NORTH 9TH AND NORTH 10TH STREETS
BLOCK 2301, LOTS 1, 50, 60 & 70
BROOKLYN, NEW YORK

DDC PROJECT NO. – BEGS2005027
CONTRACT REGISTRATION NO. 20040028082
TASK 3099

Prepared for:

NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

City of New York Department of Design and Construction
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JUNE 2007

WOL NOS. 3099-M&E2R-3253, 3099-M&E2R-3515, 3099-M&E2R-3923

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1.0 INTRODUCTION

On behalf of the City of New York Department of Design & Construction ("DDC"), Metcalf & Eddy of New York, Inc. ("M&E") has prepared this Cost to Cure ("CTC") report for the property owned by the 9th Street Equities LLC (Block 2301, Lots 1, 50, 60 & 70), also known as the Levine Property ("the Site"), located at 86 Kent Avenue in the Borough of Brooklyn (Figure 1). The Site is currently occupied by an Enterprise Rent-a-Car parking lot that contains parked vehicles. The purpose of this CTC report is to provide the DDC with an order-of-magnitude cost estimate for remediation of contaminated soil and groundwater that may be encountered as part of the development of Park Land on the Site.

This CTC report is based on the findings of the Site Investigation ("SI") conducted by M&E and documented in the M&E's August 2006 Site Investigation Report for the Site. The investigation conducted at the Site is representative of the type of environmental investigation that a purchaser would undertake, prior to acquiring real property.

This report is divided into the following sections:

- Section 1 – Introduction
- Section 2 – Site Description
- Section 3 – Investigation Activities and Results
- Section 4 – Conceptual Site Development
- Section 5 – Conceptual Remedial Measures
- Section 6 – Remedial Cost Estimate

1.1 Background

Recognized environmental conditions ("RECs") related to historic fill at the site have been identified by several previous investigations of the Site and surrounding area. Previous investigations reviewed by M&E include a Preliminary Assessment Report prepared by Montgomery Watson in 1996, a Site Assessment report prepared by Fleming Lee Shue ("FLS") in 2002, and a Phase I Environmental Site Assessment ("ESA") report prepared by FLS in 2003.

The CitiStorage property, north of the Site, was the location of a former Standard Oil petroleum bulk storage facility. The facility operated from the turn of the 20th century to sometime in the 1930s or 1940s. Based upon our review of the previous environmental assessments, an underground storage tank ("UST") area was located on the former bulk storage facility, immediately adjacent to the northern property boundary of the Site. Further north of the Site, a former manufactured gas plant ("MGP") was owned and operated by the Brooklyn Union Gas Company. Based upon our review of Sanborn Fire Insurance Maps, the MGP facility appears to have ceased operations sometime during the 1920s or 1930s.

A review of the Sanborn Fire Insurance Maps and aerial photographs dating back to 1916 indicate that the Site contained several warehouses and storage buildings along with numerous railroad spurs. Buildings formerly located near the corner of North 9th and Kent Streets were identified as storing flour. A building formerly located at the corner of North 10th Street and Kent Avenue was identified as the Brooklyn Terminal Stores and was used to store a variety of items. In a 2003 aerial photograph, the buildings and railroad spurs are no longer visible. There is no historical evidence which provides additional information as to the demolition of the former buildings and railroad spurs at the Site.

M&E conducted an SI of the Site from December 7, 2005 through January 4, 2006. The purpose of the SI, as requested by the New York City Office of Environmental Coordination ("OEC") and DDC, was to evaluate the lateral and vertical extent of potential onsite contamination in subsurface soil and groundwater, as a result of historic and current on- and off-site operations.

2.0 SITE DESCRIPTION

2.1 General Physical Setting

The property owner is listed by the City of New York Department of Finance as 9th Street Equities LLC, and the Site is identified as Block 2301, Blocks 1, 50, 60, and 70. The Site is currently occupied by an Enterprise Rent-a-Car parking lot that contains parked vehicles. There is some miscellaneous trash and debris located along the shoreline of the East River. The topography is generally flat with a gentle west-northwesterly slope towards the East River. According to property survey conducted in early 2006 by the DDC, the elevation ranges from 0 to 15 feet above mean sea level ("msl"). The Site and overall area is underlain by fill material used to fill in low-lying areas to allow for the commercial development of the waterfront. The Site is bounded by the East River to the west, a warehouse occupied by CitiStorage to the north, vacant property to the south, and various light commercial operations to the east. The former location of the Standard Oil Company petroleum facility is currently occupied by CitiStorage.

2.2 Geology

Two major stratigraphic units were identified during the SI; in order of increasing depth, they are fill and native soil. Bedrock was not encountered during this investigation

2.2.1 Fill Material

Based on information obtained from the previous environmental investigations conducted in the area, and from observations made during the SI performed at the Site, the uppermost geologic unit consists of a 5- to 20-foot thick layer of fill. The fill generally comprises sand and silty sand with crushed stone, coal, wood, concrete, ash, cinders, and brick. The thickness of the fill decreases across the Site from west to east, which suggests that the portion of the Site along the East River was filled to create land for waterfront development. Fill was encountered in each of the soil borings advanced during the SI.

2.2.2 Native Soils

The fill is underlain by alternating strata of fine sandy silts and silty clays to approximately 50 to 60 feet below grade. A discontinuous layer of peat was encountered in several of the soil borings at a depth of approximately 20 feet below grade.

2.3 Hydrogeology

Groundwater was encountered at depths ranging from 5 to 10 feet bgs throughout the Site. Based upon groundwater elevations measured from the nine (9) monitoring wells installed at the Site, groundwater flows in a westerly direction towards the East River.

3.0 INVESTIGATION ACTIVITIES AND RESULTS

The purpose of the SI, as requested by the DDC, was for the initial evaluation of the lateral and vertical extent of contamination in subsurface soil and groundwater that may exist from the historic and current on-site and off-site operations, prior to the redevelopment of the Site.

The investigation was performed in general accordance with New York State Department of Environmental Conservation ("NYSDEC") Draft DER-10 Technical Guidance for Site Investigation and Remediation dated December 2002. The investigation findings were evaluated based on the Technical and Administrative Guidance Memorandum ("TAGM") No. 4046, Spill Technology and Remediation Services ("STARS") Memorandum No.1, Toxicity Characteristic Leachate Procedure ("TCLP") Alternative Guidance Values, and the NYSDEC Technical and Operational Guidance Series ("TOGS") 1.1.1 Memorandum (Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations).

3.1 Summary of Site Investigation Activities

The SI activities were conducted from December 7, 2005 through January 4, 2006 and consisted of the advancement of soil borings and installation of monitoring wells for the collection of soil and groundwater samples, respectively (Figure 2). Soil and groundwater samples were collected to characterize groundwater conditions at the Site.

The SI field work included:

- Advancement of twenty (20) soil borings (LPB-1 through LPB-20) using truck-mounted hollow-stem auger drill rigs.
- Installation of nine (9) monitoring wells through nine (9) boring locations (MW-1 through MW-9) using truck-mounted hollow-stem auger drill rigs.
- Containment of drill cuttings and well development water in 55-gallon drums.
- Survey of boring/monitoring well locations by the DDC.

The following samples were collected from each of these investigation points:

- 45 soil samples were collected from 20 boring locations.
- Nine (9) groundwater samples were collected from nine (9) monitoring well locations.

- Two (2) composite soil samples and one (1) composite groundwater sample were collected from the drill cuttings and well development water respectively, generated during the SI for the purposes of waste classification.

3.2 Results of the Investigation Activities

3.2.1 Soils

In order to evaluate the subsurface soil quality, laboratory analytical results were compared with NYSDEC regulatory standards identified in:

- TAGM No. 4046 (Recommended Soil Cleanup Objectives ["RSCO"] and Soil Cleanup Objectives to Protect Groundwater Quality ["SCOPGQ"]); and,
- STARS Memo No.1, TCLP Alternative Guidance Values.

The laboratory results of the samples are summarized in Tables 1 through 5 and on Figure 3. The analytical data revealed the following:

- The predominant contaminants in the Site soils are semivolatile organic compounds ("SVOCs") and metals at concentrations above the NYSDEC TAGM and STARS Alternative TCLP Guidance Value criteria. SVOCs consisting of polynuclear aromatic hydrocarbons ("PAHs") were detected above the NYSDEC TAGM RSCO and SCOPGQ criteria primarily near the former UST area (LPB-8/MW-4) and former fuel storage facility (LPB-1/MW-1 and LPB-6/MW-9) located on the adjacent property occupied by CitiStorage. The CitiStorage property was formerly occupied by the Standard Oil Company. Metals were detected above applicable NYSDEC TAGM RSCO and Eastern U.S. Background criteria in all of the soil samples collected at the Site.
- The detection of SVOCs, particularly PAHs, at concentrations above NYSDEC TAGM and/or STARS Alternative TCLP Guidance Value criteria indicates the presence of fill material (consisting of ash and cinders) throughout the Site. Thus, there is a limited, potential exposure risk during construction/redevelopment activities, especially in the areas where SVOCs were elevated.
- Samples obtained near the former UST area and the former fuel storage facility located in the northern portion of the Site generally contained higher levels of SVOCs than those encountered elsewhere on the Site. The sources of these compounds are likely residual, undocumented petroleum releases from the UST or during UST filling. The detection of

SVOCs in the remaining soil borings is attributed to contaminants within the historic fill throughout the Site. The potential exposure risk during construction/redevelopment activities near the former UST area may be slightly higher than elsewhere on the Site, due to the elevated SVOC concentrations.

- A limited exposure risk is also posed by metals such as arsenic, cadmium, chromium, mercury, lead, nickel, and zinc, which were detected at concentrations above the NYSDEC TAGM and Eastern U.S. Background criteria. These compounds, along with other metals detected at concentrations below NYSDEC TAGM criteria are attributed to historic fill material present throughout the Site.

3.2.2 Groundwater

The groundwater results were compared with the following regulatory criteria:

- NYSDEC TOGS 1.1.1 Memorandum (Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations).

The laboratory results of the samples are summarized in Tables 6 through 8 and on Figure 4. The analytical data revealed the following:

- Volatile organic compounds ("VOCs") benzene, toluene, ethylbenzene, and xylene ("BTEX"), several SVOCs, and metals were detected at concentrations above the NYSDEC TOGS criteria. The highest concentration of these compounds was detected in MW-1, which is located near the former Standard Oil Company facility (occupied by CitiStorage). The presence of BTEX compounds is generally associated with refined petroleum products, such as gasoline.
- The TAL Metals aluminum, barium, arsenic, chromium, calcium, copper, iron, magnesium, manganese, lead, mercury, potassium, sodium, vanadium, and zinc were detected in the nine groundwater samples (MW-1 through MW-9) collected at the Site. Barium, arsenic, iron, magnesium, lead, manganese, mercury, potassium, sodium, and zinc were detected at concentrations above the NYSDEC TOGS criteria. The remaining metals, including antimony, beryllium, cadmium, cobalt, nickel, potassium, sodium, silver, selenium, and thallium were detected at concentrations below NYSDEC TOGS criteria or the corresponding method detection levels ("MDLs"). The inorganic compounds iron, magnesium, manganese, and sodium detected at concentrations above the NYSDEC TOGS criteria are likely derived from compounds associated with the East River, which has a hydraulic connection to groundwater at the Site. These compounds as well as the

other inorganic compounds may be artifacts of the sampling and analytical procedures used for this investigation. Some suspended sediment from the historic fill may have been entrained in the groundwater sample submitted for analysis. Due to the methods used by the laboratory to extract and analyze the samples, the possibility exists that some of the results may be indicative of the inorganic compounds that have leached from the historic fill rather than the inorganic compounds that are dissolved in the groundwater.

3.3 Conclusions

The Site contains widespread contaminated historic fill that is typically found throughout the City of New York, especially where lowlands or marsh areas near the East River were filled for residential, commercial, and manufacturing land uses. The contaminants present in the historic fill, such as ash and cinders, are typically associated with the burning of coal which was prevalent throughout New York City during the 19th and early 20th centuries.

Based upon the contamination detected at the Site and the Site's physical setting, there are three (3) receptors that may be impacted:

- the East River through surface runoff, dust, and groundwater;
- humans, through on-site direct contact with surface water, soils or sediments, and inhalation; and,
- groundwater, as a result of petroleum contamination.

The East River may be impacted through several means of transport including surface water runoff from the Site which could potentially carry contaminated sediments; contaminated dust particles from historic fill carried by the wind; and contaminated groundwater flowing towards the river.

Human receptors may be exposed to contaminants via dermal contact through swimming or wading in the East River or through direct contact with historic fill when digging or performing other invasive activities at the Site. Exposure by inhalation of dust blown from contaminated areas also provides an additional path to human receptors.

Based upon the results of the samples collected from the northern portion of the Site, groundwater has been impacted from potential undocumented petroleum discharges such as gasoline. As previously discussed, the petroleum contamination appears to originate from both the former UST area and from the operations of the former Standard Oil Company facility on the adjacent property. Although unlikely, exposure to contaminated groundwater through ingestion or dermal contact during groundwater sampling or dewatering activities can occur.

4.0 CONCEPTUAL SITE DEVELOPMENT

The DDC has requested that M&E prepare a conceptual site plan associated with the redevelopment of the site as Park Land, a use that is currently inconsistent with the M3-1 heavy manufacturing zoning for the Site. The development of a conceptual site plan will assist M&E in preparing an order-of-magnitude cost estimate for the remediation of contaminated soil and groundwater that may be encountered should redevelopment of the Site occur.

In order to prepare the conceptual site plan, M&E used the following assumptions, which are based upon information provided by the City and collected during the field investigation:

- The area of the Site is 296,400 square feet ("SF"), which is roughly divided between 154,000 SF of upland and approximately 142,400 SF of land underwater (the City of New York Department of Citywide Administrative Services ["DCAS"]). For the purposes of this report, only the upland portion of the Site will be addressed by the conceptual development plan.
- The Site is zoned M3-1 heavy manufacturing (The New York City Department of City Planning ["DCP"]). The City restricts manufacturing operations that may have potentially noxious uses in the M3-1 Zone; however, this zoning designation will need to be changed to accommodate the proposed use of the Site as Park Land. This analysis assumes that the zoning change will be granted.
- The topographic map prepared for the Site indicates that approximately 40% of the upland portion (61,600 SF) is classified as a flood zone. It is assumed that buildings constructed on the Site will be constructed outside the boundary of the flood zone. However, a waiver may be obtained to extend the building into the flood zone (such as the case with CitiStorage).
- Based upon the soil lithology, depth to groundwater, and construction information obtained concerning the buildings owned by CitiStorage, it is anticipated that structures constructed on the Site will be built upon a concrete slab at grade, supported by concrete piles. Thus, there would be no need for basement excavation or associated dewatering. The number and depth of the piles would be determined as part of a final design. For the purposes of this report, such information is not required.

- All utility service for the conceptual building would be obtained from the underground utilities located along Kent Avenue, via subsurface connections.
- The historic fill remaining onsite will be geotechnically suitable for construction purposes.

Based upon these assumptions, M&E's conceptual site plan for the Site is as follows:

- Approximately 120,000 SF of the upland area will be developed as Park Land for recreational use. For the purposes of the CTC, this area will be vegetated open space, requiring a cap having a minimum of 2 ft. thickness of certified clean fill.
- Approximately 15,000 SF of the upland area will be developed as asphalt walkways and sidewalks throughout the park area. The asphalt walkways will also act as a cap to limit direct contact with the contaminated fill by visitors.
- Approximately 13,000 SF of the upland area will be developed as a one-story District Headquarters and Comfort Station building for the Parks Department.
- Approximately 6,000 SF of the upland area will be developed as a one-story restaurant and boardwalk terrace.

Figure 5 provides a conceptual site plan for the Site. Please note that this is a simple conceptual design for the development of Park Land, based upon the assumptions previously identified. This conceptual design was developed only as a means of evaluating the potential costs to manage contaminated soil and groundwater at the site, should the Site be developed. There are numerous other development plans that could be pursued on this Site. However, it is likely that costs associated with managing contaminated soil and groundwater at the Site would be similar to the costs associated with this conceptual plan.

5.0 CONCEPTUAL REMEDIAL MEASURES

The majority of the remedial activities would be associated with excavation and offsite disposal of contaminated historic fill. Petroleum contaminated, non-hazardous soil may be present in the northern portion of the Site. Dewatering may be required but is expected to be minimal, since depth to groundwater ranges from five (5) to ten (10) ft bgs and the conceptual design assumes construction on an at-grade slab. Excavations for utilities would likely extend less than five (5) ft bgs.

For the purposes of this CTC Report, we have assumed that the entire Site will be capped with a minimum of two (2) feet of clean fill or one (1) foot of clean fill/one (1) foot of pavement, to act as a barrier to potential visitor contact with contaminated historic fill. In order to maintain existing grades for drainage and access purposes, this would result in the excavation of historic fill across most of the Site, and development of Park Land at the existing grade. Figure 6 provides a generalized site elevation illustrating the present topographic profile of the Site and a profile illustrating the conceptual design.

The conceptual remedial measures have been divided into three (3) construction categories:

- Parks and Recreation District Headquarters/Comfort Station and Restaurant;
- Park Land Area; and
- Paved Walkway Area.

5.1 Parks and Recreation District Headquarters/Comfort Station and Restaurant

The grade from the proposed conceptual District Headquarters and Comfort Station is proposed decreases to the west from approximately 14 feet above msl at Kent Avenue to 12 feet above msl, approximately 150 feet west of Kent Avenue. If the foundation slab is set at an elevation of 13 feet above msl, no additional clean fill will be required beyond that necessary to establish the foundation grades (Figure 6). It is estimated that 1,200 cubic yards of fill will be removed from this area, which will be replaced with an equal volume of clean fill to act as the two (2) foot buffer to the historic fill.

The elevation where the conceptual Restaurant is proposed is at approximately six (6) feet above msl. If the foundation slab is set at an elevation of 6 feet above msl, no additional clean fill (as a two foot barrier) would be needed to raise the elevation of that area (Figure 6). It is estimated that 500 cubic yards of fill will be removed from this area, which will be replaced with an equal volume of clean fill to act as the two (2) foot buffer to the historic fill.

5.2 Park Land Area

The elevation of the conceptual Park Land area matches the existing grade, decreasing to the west from approximately 14 feet above msl at Kent Avenue to seven (7) feet above msl, approximately 420 feet west of Kent Avenue. It is assumed that a two (2) foot layer of historic fill and petroleum contaminated soil will be excavated for off-site disposal or re-use elsewhere on-site. It is estimated that 9,000 cubic yards of fill will be removed from this area, which will be replaced by equal volume of clean fill. The 9,000 cubic yards of clean fill will act as the two (2) foot buffer to the historic fill.

5.3 Paved Walkway Area

The conceptual design assumes that 10 percent of the upland area will be developed as paved walkways within the Park Land area. The conceptual design of the walkways assumes two (2) feet of excavation, requiring about 1,400 cubic yards of the historic fill and petroleum contaminated soil to be removed for off-site disposal or re-use elsewhere on-site. To balance the grade in the paved walkway areas, 600 cubic yards of clean fill would be imported and placed in a one (1) foot lift, overlain by six (6) inches of crushed stone and six (6) inches of asphalt.

5.3 Miscellaneous Remedial Concerns

Based upon our experience with similar sites in New York City, the NYSDEC typically will only get involved in cases of significant contamination or if there are petroleum spill indicators at the site. Though there is evidence of a historic petroleum discharge in the northern portion of the Site, the petroleum discharge appears to be associated with the adjacent property. However, according to the latest New York City Zoning Map (February 13, 2007), the Site is "E" designated which will require a City Environmental Quality Review ("CEQR") Declaration.

Therefore, in accordance with the CEQR process the New York City Department of Environmental Protection ("NYCDEP") will be involved with construction/redevelopment activities at the Site.

Therefore, for costing purposes, the following additional tasks may be required:

5.3.1 Agency Interaction

The possibility always exists for the need to interact with the NYSDEC and/or the NYCDEP as to the proposed re-use of historic fill at the site or its off-site disposal. It is also anticipated that an application will be required for Beneficial Use Determination ("BUDS") from NYSDEC for the on- or off-site re-use of excavated contaminated historic fill/soil. An allowance has been included in the cost estimate for coordinating construction/redevelopment activities with these agencies.

5.3.2 Additional Investigation

It is our opinion that the SI activities conducted by M&E at the Site, along with previous investigation activities by others substantially fulfill the sampling requirements of the NYSDEC and the NYCDEP. However, once specific site plans have been developed, some additional SI activities will likely be required by the NYSDEC, the NYCDEP, or the prospective site developer.

5.3.3 Use of Health and Safety Trained Construction Workers

It is likely that excavation and grading activities will require health and safety trained construction workers. Although it is not difficult to locate construction companies that employ such people, the additional cost for properly trained and equipped personnel may be up to 30% above a typical construction labor.

5.3.4 Health and Safety – Dust Monitoring

Due to the presence of contaminated historic fill, there will likely be a need to monitor the amount of dust generated during construction/redevelopment activities at the site. A Community Air-Monitoring Program ("CAMP") will need to be developed and implemented during construction/redevelopment activities. Personnel will need to operate and calibrate air monitoring equipment to assess levels of dust with respect to the requirements of the CAMP. For the

purposes of this report, we have established an allowance for monitoring dust generated during construction/redevelopment activities.

6.0 REMEDIAL COST ESTIMATE

Based upon the conceptual site plan and remedial measures discussed in Sections 4 and 5, this section presents the order-of-magnitude remedial cost estimate for the development of the Site for Park Land use. Additionally, a request was made by the NYC Department of Parks and Recreation to prepare an alternate remedial cost estimate that would consider the re-use of the proposed excavated contaminated soil to level the existing grade of the Site; in lieu of off-site disposal of excavated contaminated soil.

Therefore, two (2) separate remedial cost estimates have been prepared for the Site, with both estimates including a 2 ft. layer of clean fill placed above the existing ground surface. Cost Estimate A assumes the excavated contaminated soil (construction-related) would be transported for off-site disposal. Cost Estimate B assumes the excavated contaminated soil (construction-related) would be spread throughout the Site to level the existing grade. In Cost Estimate B, the costs for the excavation of contaminated soils and re-grading are assumed to be related to typical site development activities (grading) with no additional environmental costs for this construction activity. The following tables summarize the order-of-magnitude environmental costs that could be encountered.

COST ESTIMATE A

DISTRICT HEADQUARTERS/COMFORT STATION					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, Grading, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	1,200	Cubic Yard	No Cost	No Cost	The costs associated with this task would be associated with typical site development activities even if the historic fill was not contaminated with ash, cinders, or petroleum hydrocarbons.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	1,800	Ton	$50	$90,000	This is for 1,200 cubic yards of historic fill / petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	1,800	Ton	$30	$54,000	This cost is only for the 2 foot cap that would act as a barrier to the historic fill. It is based upon 1,200 cubic yards at 1.5 tons per cubic yard.
SUBTOTAL ESTIMATE				**$144,000**	

RESTAURANT					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, Grading, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	500	Cubic Yard	No Cost	No Cost	The costs associated with this task would be associated with typical site development activities even if the historic fill was not contaminated with ash, cinders, or petroleum hydrocarbons.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	750	Ton	$50	$38,000	This is for 500 cubic yards of historic fill / petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	750	Ton	$30	$23,000	This cost is only for the 2 foot cap that would act as a barrier to the historic fill. It is based upon 500 cubic yards at 1.5 tons per cubic yard.
SUBTOTAL ESTIMATE				**$61,000**	

PAVED WALKWAYS AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	2,100	Ton	$20	$42,000	This is for 1,400 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	2,100	Ton	$50	$105,000	This is for 1,400 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	900	Ton	$30	$27,000	A 1 foot lift of clean fill will subsequently be covered by crushed stone and asphalt pavement. It is based upon 600 cubic yards at 1.5 tons per cubic yard.
Crushed stone for parking lot base	300	Cubic Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
Asphalt Pavement – 6 inches thick	1,700	Square Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
SUBTOTAL ESTIMATE				**$174,000**	

PARK LAND AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	13,500	Ton	$20	$270,000	This is for 9,000 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	13,500	Ton	$50	$675,000	This is for 9,000 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill – 2 foot cap	13,500	Ton	$30	$390,000	Clean fill to limit exposure to historic fill.
Landscaping – Hydroseeding	8,000	Square Yard	$0.50	$4,000	Hydroseeding for grass cover only.
SUBTOTAL ESTIMATE				**$1,339,000**	

MISCELLANEOUS REMEDIAL CONCERNS					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Agency Interaction	1	Lump Sum	$40,000	$40,000	Estimated cost should involvement by the NYSDEC and/or NYCDEP be required.
Additional Investigation	1	Lump Sum	$60,000	$60,000	Estimated cost should the NYSDEC, NYCDEP, or the developer require further investigation based upon site design.
Use of Health & Safety Trained Construction Workers	1	Lump Sum	$360,000	$360,000	This cost is based upon 30% of the costs associated with the excavation and disposal of historic fill.
Health & Safety Dust Monitoring	1	Lump Sum	$100,000	$100,000	Cost estimated for budgeting purposes only.
SUBTOTAL ESTIMATE				**$560,000**	
TOTAL ESTIMATE				**$2,278,000**	
CONTINGENCY (25% OF TOTAL ESTIMATE)				**$570,000**	
TOTAL ESTIMATED COST TO CURE				**$2,848,000**	

COST ESTIMATE B

DISTRICT HEADQUARTERS/COMFORT STATION					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, Grading, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	1,200	Cubic Yard	No Cost	No Cost	This assumes that all of the 1,200 cubic yards of historic fill / petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	1,800	Ton	No Cost	No Cost	This assumes that all of the 1,200 cubic yards of historic fill / petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	1,800	Ton	$30	$54,000	This cost is only for the 2 foot cap that would act as a barrier to the historic fill. It is based upon 1,200 cubic yards at 1.5 tons per cubic yard.
SUBTOTAL ESTIMATE				**$54,000**	

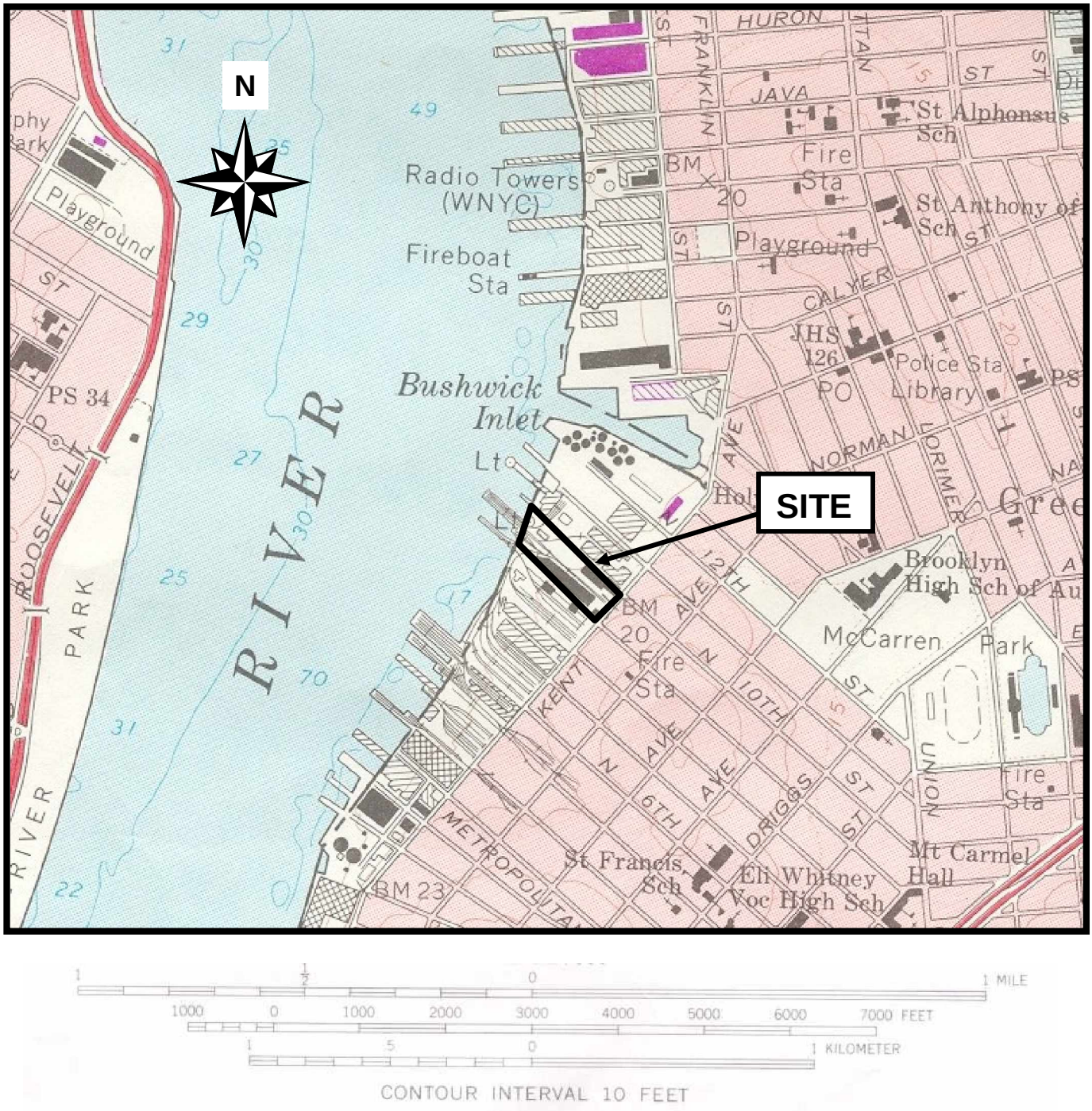
RESTAURANT					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, Grading, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	500	Cubic Yard	No Cost	No Cost	This assumes that all of the 500 cubic yards of historic fill / petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	750	Ton	No Cost	No Cost	This assumes that all of the 500 cubic yards of historic fill / petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	750	Ton	$30	$23,000	This cost is only for the 2 foot cap that would act as a barrier to the historic fill. It is based upon 500 cubic yards at 1.5 tons per cubic yard.
SUBTOTAL ESTIMATE				**$23,000**	

PARK LAND AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	13,500	Ton	No Cost	No Cost	This assumes that all of the 9,000 cubic yards of historic fill / petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	13,500	Ton	No Cost	No Cost	This assumes that all of the 9,000 cubic yards of historic fill/petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill – 2 foot cap	13,500	Ton	$30	$390,000	Clean fill to limit exposure to historic fill.
Landscaping – Hydroseeding	8,000	Square Yard	$0.50	$4,000	Hydroseeding for grass cover only.
SUBTOTAL ESTIMATE				**$394,000**	

PAVED WALKWAYS AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	2,100	Ton	No Cost	No Cost	This assumes that all of the 1,400 cubic yards of historic fill/petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	2,100	Ton	No Cost	No Cost	This assumes that all of the 1,400 cubic yards of historic fill/petroleum contaminated soil that can be reused at the site. It assumes 1.5 tons per cubic yard.
Clean Fill	900	Ton	$30	$27,000	A 1 foot lift of clean fill will subsequently be covered by crushed stone and asphalt pavement. It is based upon 600 cubic yards at 1.5 tons per cubic yard.
Crushed stone for parking lot base	300	Cubic Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
Asphalt Pavement – 6 inches thick	1,700	Square Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
SUBTOTAL ESTIMATE				**$27,000**	

MISCELLANEOUS REMEDIAL CONCERNS					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Agency Interaction	1	Lump Sum	$40,000	$40,000	Estimated cost should involvement by the NYSDEC and/or NYCDEP be required.
Additional Investigation	1	Lump Sum	$60,000	$60,000	Estimated cost should the NYSDEC, NYCDEP, or the developer require further investigation based upon site design.
Use of Health & Safety Trained Construction Workers	1	Lump Sum	$120,000	$150,000	This cost is related to handling and re-use of historic fill. For budgetary purposes, we have assumed that the cost for re-use is the same as the cost of clean fill placement. Workers health and safety training related costs are estimated at 30% of the clean fill costs.
Health & Safety Dust Monitoring	1	Lump Sum	$100,000	$100,000	Cost estimated for budgeting purposes only.
SUBTOTAL ESTIMATE				**$350,000**	
TOTAL ESTIMATE				**$850,000**	
CONTINGENCY (25% OF TOTAL ESTIMATE)				**$215,000**	
TOTAL ESTIMATED COST TO CURE				**$1,065,000**	

These conceptual cost to cure estimates are based upon only those activities that would be outside typical construction/redevelopment activities as a result of contaminated historic fill at the site. They should only to be used for budgeting purposes, as discussed with the DDC. Significant differences may arise between the conceptual and actual costs of managing the historic fill depending upon the actual redevelopment scenario. This conceptual cost to cure estimates also assumes the NYSDEC and/or NYCDEP would allow of the placement of fill within the flood zone as the case of CitiStorage site.

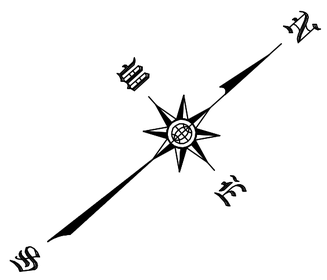


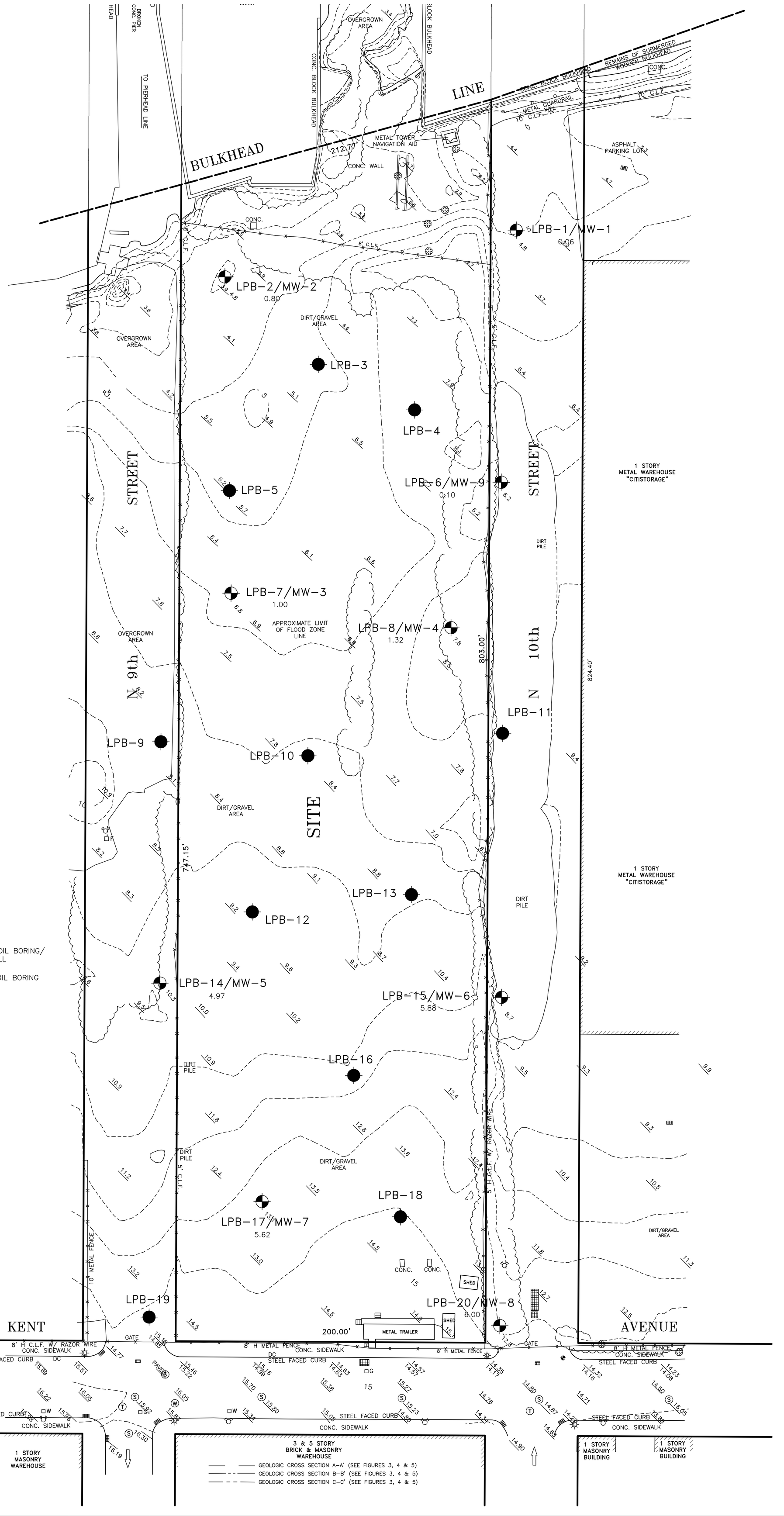
Brooklyn, NY
7.5 Minute U.S.G.S. Quadrangle – 1967, photorevised 1979

METCALF & EDDY | AECOM

WOL NOS. 3099-M&E2R-3252
3099-M&E2R-3515
3099-M&E2R-3923

Figure 1
Site Location Map
9th Street Equities LLC Property
86 Kent Avenue
Brooklyn, New York





LEGEND

LPB-14/MW-5 — LOCATION OF SOIL BORING/ MONITORING WELL

LPB-12 — LOCATION OF SOIL BORING

METCALF & EDDY | AECOM

DESIGNED BY:	S. MUSTHYALA
DRAWN BY:	B. PAPA
DEPT. CHECK:	S. MUSTHYALA
PROJ. CHECK:	N. ABRAMS

SCALE:

0 30 60 90

SCALE IN FEET

SCALE:1"=30'-0"

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION

COST TO CURE REPORT-PARKLAND

9TH STREET EQUITIES LLC, BROOKLYN, N.Y.

SOIL BORINGS/MONITORING WELL LOCATIONS

WOL NOS. 3099-M&E2R-3253

3099-M&E2R-3515

3099-M&E2R-3923

CIVIL

MAY 2007

JOB 60003815

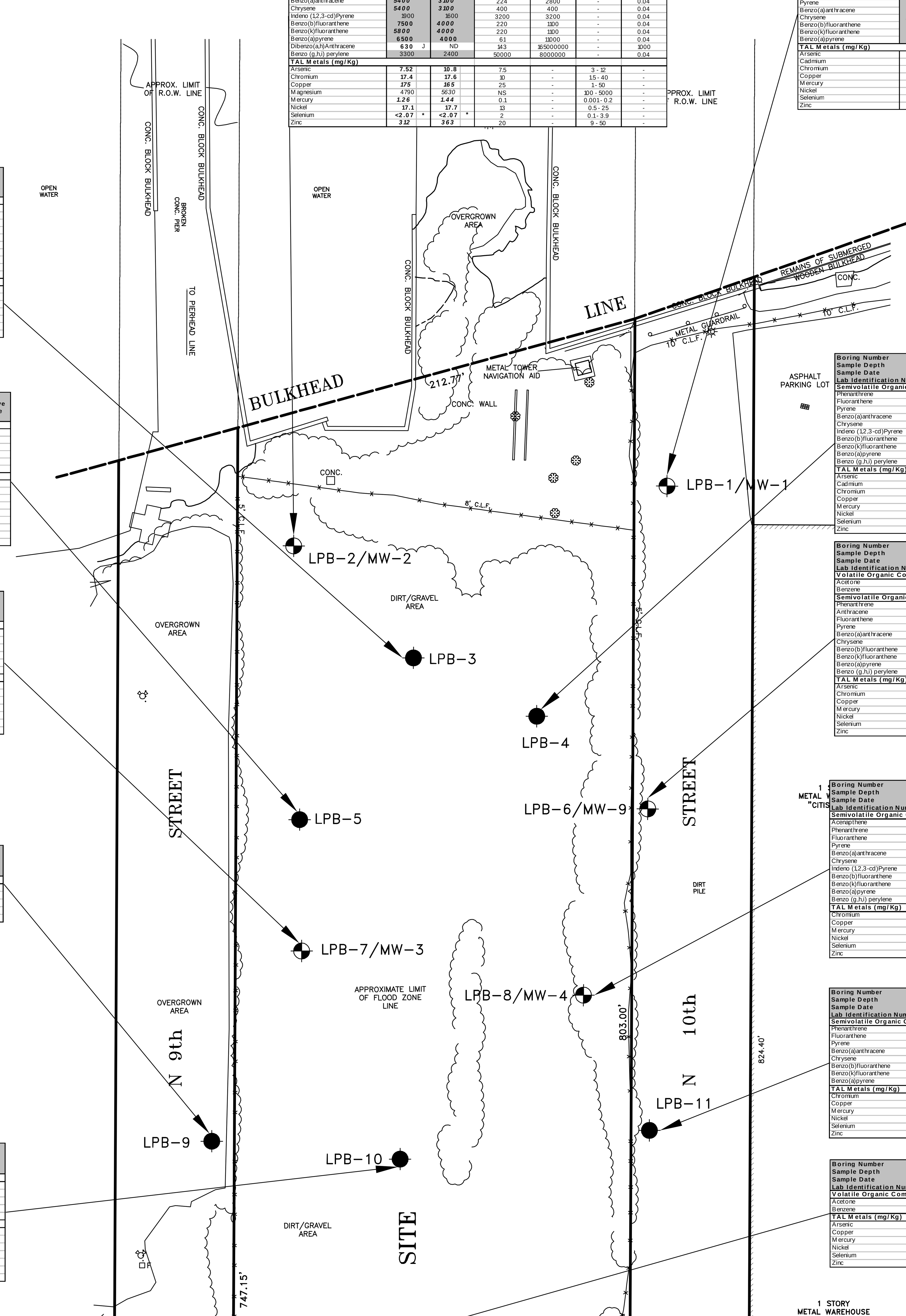
FILE NO.

CAD FILE CZCTCFG2

SHEET FIG. 2

Boring Number	LPB-2		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/8/2005	12/8/2005				
Lab Identification Number	51200142	51200142				
Semivolatile Organic Compounds (ug/Kg)						
Naphthalene	660 J	250 J	13000	13000	-	200
Acenapthene	890 J	350 J	50000	92000	-	400
Fluorene	1500	390 J	50000	365000	-	1000
Phenanthrene	11000	4200	50000	218000	-	1000
Anthracene	3200	1000	50000	700000	-	1000
Fluoranthene	11000	6200	50000	1900000	-	1000
Pyrene	12000	6900	50000	665000	-	1000
Benzo(a)anthracene	**5400**	**3100**	224	2800	-	0.04
Chrysene	**5400**	**3100**	400	400	-	0.04
Indeno (1,2,3-cd)Pyrene	1900	1600	3200	3200	-	0.04
Benzo(b)fluoranthene	**7500**	**4000**	220	1100	-	0.04
Benzo(k)fluoranthene	**5800**	**4000**	220	1100	-	0.04
Benzo(a)pyrene	**6500**	**4000**	61	11000	-	0.04
Dibenzo(a,h)Anthracene	**630** J	ND	143	165000000	-	1000
Benzo (g,h,i) perylene	3300	2400	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**7.52**	**10.8**	7.5	-	3 - 12	-
Chromium	**17.4**	**17.6**	10	-	1.5 - 40	-
Copper	**175**	**165**	25	-	1 - 50	-
Magnesium	4790	5630	NS	-	100 - 5000	-
Mercury	**1.26**	**1.44**	0.1	-	0.001 - 0.2	-
Nickel	**17.1**	**17.7**	13	-	0.5 - 25	-
Selenium	<2.07 *	<2.07 *	2	-	0.1 - 3.9	-
Zinc	**312**	**363**	20	-	9 - 50	-

Boring Number	LPB-1				NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'	15' - 17'	15' - 17' (Dup)				
Sample Date	12/19/2005	12/19/2005	12/19/2005	12/19/2005				
Lab Identification Number	51200274	51200274	51200274	51200274				
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	**17000**	13000	13000	-	200
Acenapthene	ND	ND	ND	6500	50000	92000	-	400
Fluorene	ND	ND	ND	4000	50000	365000	-	1000
Phenanthrene	5400	2900	1800	9600	50000	218000	-	1000
Anthracene	ND	ND	ND	3200	50000	700000	-	1000
Fluoranthene	5100	3600	2400	3000	50000	1900000	-	1000
Pyrene	5500	4000	3200	6100	50000	665000	-	1000
Benzo(a)anthracene	**2400**	**1700**	**1300**	ND	224	2800	-	0.04
Chrysene	**2400**	**1700**	**1300**	ND	400	400	-	0.04
Benzo(b)fluoranthene	**2100**	**1800**	**1600**	ND	220	1100	-	0.04
Benzo(k)fluoranthene	**2100**	**1500**	**1400**	ND	220	1100	-	0.04
Benzo(a)pyrene	**2200**	**1700**	**1500**	ND	61	11000	-	0.04
TAL Metals (mg/Kg)								
Arsenic	7.37	**8.62**	6.09	**8.77**	7.5	-	3 - 12	-
Cadmium	0.629	**1.04**	0.785	0.790	1	-	0.1 - 1	-
Chromium	**15.5**	**26.0**	**11.0**	**15.0**	10	-	1.5 - 40	-
Copper	**225**	**73.1**	**47.2**	**49.6** M1M2	25	-	1 - 50	-
Mercury	**1.62**	**1.07**	**0.510**	**0.574**	0.1	-	0.001 - 0.2	-
Nickel	**16.8**	**19.2**	12.1	12.4	13	-	0.5 - 25	-
Selenium	<2.28 *	<2.23 *	<2.30 *	<2.47 *	2	-	0.1 - 3.9	-
Zinc	**358**	**442**	**406**	**526** MHA	20	-	9 - 50	-



Boring Number	LPB-3		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/9/2005	12/9/2005				
Lab Identification Number	51200142	51200142				
Semivolatile Organic Compounds (ug/Kg)						
Phenanthrene	50 J	2700	50000	218000	-	1000
Fluoranthene	68 J	3600	50000	1900000	-	1000
Pyrene	80 J	3600	50000	665000	-	1000
Benzo(a)anthracene	40 J	**1600**	224	2800	-	0.04
Chrysene	40 J	**1600**	400	400	-	0.04
Indeno (1,2,3-cd)Pyrene	ND	1200	3200	3200	-	0.04
Benzo(b)fluoranthene	46 J	**2200**	220	1100	-	0.04
Benzo(k)fluoranthene	ND	**1700**	220	1100	-	0.04
Benzo(a)pyrene	58 J	**2200**	61	11000	-	0.04
Benzo (g,h,i) perylene	ND	1200	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	7.03	**22.8**	7.5	-	3 - 12	-
Chromium	**11.2**	**20.5**	10	-	1.5 - 40	-
Copper	**28.6**	**139**	25	-	1 - 50	-
Mercury	**0.314**	**0.432**	0.1	-	0.001 - 0.2	-
Nickel	**14.8**	**23.7**	13	-	0.5 - 25	-
Selenium	<2.15 *	<2.10 *	2	-	0.1 - 3.9	-
Zinc	**93.1**	**615**	20	-	9 - 50	-

Boring Number	LPB-5		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/12/2005	12/12/2005				
Lab Identification Number	51200204	51200204				
Semivolatile Organic Compounds (ug/Kg)						
Benzo(a)anthracene	170 J	170 J	224	2800	-	0.04
Chrysene	200	180 J	400	400	-	0.04
Benzo(b)fluoranthene	230	220	220	1100	-	0.04
Benzo(k)fluoranthene	100 J	160 J	220	1100	-	0.04
Benzo(a)pyrene	**180** J	**210**	61	11000	-	0.04
Benzo (g,h,i) perylene	ND	100 J	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**257**	**271**	7.5	-	3 - 12	-
Cadmium	**2.23**	0.607	1	-	0.1 - 1	-
Chromium	**11.0**	**11.6**	10	-	1.5 - 40	-
Lead	**1670**	146	500	-	500	-
Copper	**1270**	**216**	25	-	1 - 50	-
Mercury	**1.43** MHA	**0.298**	0.1	-	0.001 - 0.2	-
Nickel	**26.6**	**14.6**	13	-	0.5 - 25	-
Selenium	<2.06 *	ND	2	-	0.1 - 3.9	-
Zinc	**1200**	**245**	20	-	9 - 50	-

Boring Number	LPB-4		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/9/2005	12/9/2005				
Lab Identification Number	51200142	51200142				
Semivolatile Organic Compounds (ug/Kg)						
Phenanthrene	3300	1100	50000	218000	-	1000
Fluoranthene	3800	1300	50000	1900000	-	1000
Pyrene	4100	1500	50000	665000	-	1000
Benzo(a)anthracene	**1500**	**740**	224	2800	-	0.04
Chrysene	**1500**	**720**	400	400	-	0.04
Indeno (1,2,3-cd)Pyrene	970	450	3200	3200	-	0.04
Benzo(b)fluoranthene	**1900**	**1100**	220	1100	-	0.04
Benzo(k)fluoranthene	**1400**	980	220	1100	-	0.04
Benzo(a)pyrene	**1800**	**1200**	61	11000	-	0.04
Benzo (g,h,i) perylene	580 J	730	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**9.62**	**11.2**	7.5	-	3 - 12	-
Cadmium	**1.0**	ND	1	-	0.1 - 1	-
Chromium	**11.6**	**19.2**	10	-	1.5 - 40	-
Copper	**84.8**	**79.0**	25	-	1 - 50	-
Mercury	**0.709**	**0.216**	0.1	-	0.001 - 0.2	-
Nickel	**16.4**	8.22	13	-	0.5 - 25	-
Selenium	<2.29 *	<2.38 *	2	-	0.1 - 3.9	-
Zinc	**722**	**85.1**	20	-	9 - 50	-

Boring Number	LPB-7		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/13/2005	12/13/2005				
Lab Identification Number	51200204	51200204				
Semivolatile Organic Compounds (ug/Kg)						
Benzo(a)anthracene	99 J	ND	224	2800	-	0.04
Chrysene	99 J	ND	400	400	-	0.04
Indeno (1,2,3-cd)Pyrene	170 J	ND	3200	3200	-	0.04
Benzo(b)fluoranthene	140 J	ND	220	1100	-	0.04
Benzo(k)fluoranthene	75 J	ND	220	1100	-	0.04
Benzo(a)pyrene	**150** J	57 J	61	11000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**29.3**	**49.2**	7.5	-	3 - 12	-
Chromium	**12.2**	**11.5**	10	-	1.5 - 40	-
Copper	**93.9**	**37.2**	25	-	1 - 50	-
Mercury	**0.263**	**0.122**	0.1	-	0.001 - 0.2	-
Nickel	**14.1**	8.77	13	-	0.5 - 25	-
Selenium	<2.41 *	<2.93 *	2	-	0.1 - 3.9	-
Zinc	**134**	**62.5**	20	-	9 - 50	-

Boring Number	LPB-6			NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'	11' - 13'				
Sample Date	12/21/2005	12/21/2005	12/21/2005				
Lab Identification Number	51200286	51200286	51200286				
Volatile Organic Compounds (ug/Kg)							
Acetone	ND	**1300**	55.6	200	110	-	NS
Benzene	ND	16.1	ND	60	60	-	14
Semivolatile Organic Compounds (ug/Kg)							
Phenanthrene	2100	15000	ND	50000	220000	-	1000
Anthracene	ND	4600	ND	50000	700000	-	1000
Fluoranthene	2600	10000	5600	50000	1900000	-	1000
Pyrene	5800	22000	10000	50000	665000	-	1000
Benzo(a)anthracene	ND	**4800**	**5500**	224	2800	-	0.04
Chrysene	ND	**4600**	**5300**	400	400	-	0.04
Benzo(b)fluoranthene	ND	ND	**7900**	220	1100	-	0.04
Benzo(k)fluoranthene	ND	ND	**7400**	220	1100	-	0.04
Benzo(a)pyrene	ND	**4300**	**8400**	61	11000	-	0.04
Benzo (g,h,i) perylene	ND	ND	10000	50000	8000000	-	0.04
TAL Metals (mg/Kg)							
Arsenic	6.51	3.83	**12.5**	7.5	-	3 - 12	-
Chromium	**11.9**	6.42	**10.1**	10	-	1.5 - 40	-
Copper	**61.7**	**46.4**	**57.2**	25	-	1 - 50	-
Mercury	**0.412**	**1.47**	**0.850**	0.1	-	0.001 - 0.2	-
Nickel	11.9	5.58	**13.5**	13	-	0.5 - 25	-
Selenium	<2.20 *	<2.05 *	<2.24 *	2	-	0.1 - 3.9	-
Zinc	**156**	**38.0**	**198**	20	-	9 - 50	-

Boring Number	LPB-8			NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	2' - 3'	7' - 9'	11' - 13'				
Sample Date	12/19/2005	12/19/2005	12/19/2005				
Lab Identification Number	51200142	51200204	51200204				
Semivolatile Organic Compounds (ug/Kg)							
Acenapthene	610 J	ND	ND	50000	92000	-	400
Phenanthrene	1500 J	ND	ND	50000	218000	-	1000
Fluoranthene	3000	ND	460 J	50000	1900000	-	1000
Pyrene	4100	ND	750 J	50000	665000	-	1000
Benzo(a)anthracene	**1500** J	ND	220 J	224	2800	-	0.04
Chrysene	**1600** J	ND	230 J	400	400	-	0.04
Indeno (1,2,3-cd)Pyrene	1600 J	ND	ND	3200	3200	-	0.04
Benzo(b)fluoranthene	**1900** J	ND	440 J	220	1100	-	0.04
Benzo(k)fluoranthene	**1300** J	ND	ND	220	1100	-	0.04
Benzo(a)pyrene	**1900** J	ND	**370** J	61	11000	-	0.04
Benzo (g,h,i) perylene	700 J	ND	330 J	50000	800000	-	0.04
TAL Metals (mg/Kg)							
Chromium	**15.1**	2.84	5.63	10	-	1.5 - 40	-
Copper	**66.4**	5.67	14.4	25	-	1 - 50	-
Mercury	**0.346**	ND	**0.0494**	0.1	-	0.001 - 0.2	-
Nickel	**14.7**	ND	6.47	13	-	0.5 - 25	-
Selenium	<2.13 *	<2.09 *	<2.03 *	2	-	0.1 - 3.9	-
Zinc	**280**	13.0	**123**	20	-	9 - 50	-

Boring Number	LPB-9		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/22/2005	12/22/2005				
Lab Identification Number	51200336	51200336				
TAL Metals (mg/Kg)						
Chromium	**22.2**	**16.4**	10	-	1.5 - 40	-
Copper	**31.2**	15.3	25	-	1 - 50	-
Nickel	**13.7**	**14.6**	13	-	0.5 - 25	-
Selenium	<2.08 *	<2.22 *	2	-	0.1 - 3.9	-
Zinc	**36.9**	**30.7**	20	-	9 - 50	-

Boring Number	LPB-11		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/20/2005	12/20/2005				
Lab Identification Number	51200286	51200286				
Semivolatile Organic Compounds (ug/Kg)						
Phenanthrene	930	1300	50000	218000	-	1000
Fluoranthene	1100	1200	50000	1900000	-	1000
Pyrene	1400	1500	50000	665000	-	1000
Benzo(a)anthracene	**570**	**600**	224	2800	-	0.04
Chrysene	**540**	**590**	400	400	-	0.04
Benzo(b)fluoranthene	550	520	220	1100	-	0.04
Benzo(k)fluoranthene	470	510	220	1100	-	0.04
Benzo(a)pyrene	**520**	**480**	61	11000	-	0.04
TAL Metals (mg/Kg)						
Chromium	**25.6**	**15.9**	10	-	1.5 - 40	-
Copper	**37.2**	**26.5**	25	-	1 - 50	-
Mercury	**0.157**	ND	0.1	-	0.001 - 0.2	-
Nickel	**17.1**	**14.6**	13	-	0.5 - 25	-
Selenium	<2.07 *	<2.16 *	2	-	0.1 - 3.9	-
Zinc	**109**	**80.9**	20	-	9 - 50	-

Boring Number	LPB-10		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/16/2005	12/16/2005				
Lab Identification Number	51200274	51200274				
Semivolatile Organic Compounds (ug/Kg)						
Benzo(a)anthracene	220	**260**	224	2800	-	0.04
Chrysene	210	260	400	400	-	0.04
Benzo(b)fluoranthene	**240**	**270**	220	1100	-	0.04
Benzo(k)fluoranthene	**260**	**280**	220	1100	-	0.04
Benzo(a)pyrene	**280**	**290**	61	11000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**18.1**	**8.13**	7.5	-	3 - 12	-
Chromium	**10.9**	**10.2**	10	-	1.5 - 40	-
Copper	**649**	**29.9**	25	-	1 - 50	-
Mercury	**0.521**	**0.558**	0.1	-	0.001 - 0.2	-
Nickel	**18.9**	**12.5**	13	-	0.5 - 25	-
Selenium	<2.39 *	<2.21 *	2	-	0.1 - 3.9	-
Zinc	**173**	**106**	20	-	9 - 50	-

Boring Number	LPB-12		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/14/2005	12/14/2005				
Lab Identification Number	51200226	51200226				
Volatile Organic Compounds (ug/Kg)						
Acetone	**826**	58.6	200	110	-	NS
Benzene	18.2	ND	60	60	-	14
TAL Metals (mg/Kg)						
Arsenic	**10.7**	**7.60**	7.5	-	3 - 12	-
Copper	**42.3**	**111**	25	-	1 - 50	-
Mercury	**0.170**	**1.02**	0.1	-	0.001 - 0.2	-
Nickel	9.69	**15.8**	13	-	0.5 - 25	-
Selenium	<2.11 *	<2.54 *	2	-	0.1 - 3.9	-
Zinc	19.2	**111**	20	-	9 - 50	-

Boring Number	LPB-14		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/22/2005	12/22/2005				
Lab Identification Number	51200336	51200336				
TAL Metals (mg/Kg)						
Chromium	**19.8**	**15.8**	10	-	1.5 - 40	-
Nickel	**14.0**	12.1	13	-	0.5 - 25	-
Selenium	<2.00 *	<2.11 *	2	-	0.1 - 3.9	-
Zinc	**43.4**	**31.9**	20	-	9 - 50	-

Boring Number	LPB-13			NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	5' - 7'	7' - 9'				
Sample Date	12/14/2005	12/14/2005	12/14/2005				
Lab Identification Number	51200226	51200226	51200226				
Volatile Organic Compounds (ug/Kg)							
Acetone	80	ND	124	200	110	-	NS
Semivolatile Organic Compounds (ug/Kg)							
Fluorene	ND	1200	ND	50000	365000	-	1000
Phenanthrene	5800	12000	3600	50000	218000	-	1000
Anthracene	ND	3000	ND	50000	700000	-	1000
Fluoranthene	6000	15000	4900	50000	1900000	-	1000
Pyrene	5500	17000	4600	50000	665000	-	1000
Benzo(a)anthracene	**2800**	**7400**	**2200**	224	2800	-	0.04
Chrysene	**2800**	**7400**	**2200**	400	400	-	0.04
Benzo(b)fluoranthene	**2500**	**8700**	**2000**	220	1100	-	0.04
Benzo(k)fluoranthene	ND	**6900**	ND	220	1100	-	0.04
Benzo(a)pyrene	**2300**	**7400**	**2000**	61	11000	-	0.04
Benzo (g,h,i) perylene	ND	1400	ND	50000	8000000	-	0.04
TAL Metals (mg/Kg)							
Arsenic	**12.1**	**22.7**	6.04	7.5	-	3 - 12	-
Chromium	**16.4**	**14.5**	**14.6**	10	-	1.5 - 40	-
Copper	**107**	**114**	**52.4**	25	-	1 - 50	-
Mercury	**0.634**	**0.539**	**0.572**	0.1	-	0.001 - 0.2	-
Nickel	**17.9**	**15.7**	**13.2**	13	-	0.5 - 25	-
Selenium	<2.24 *	ND	ND	2	-	0.1 - 3.9	-
Zinc	**342**	**271**	**433**	20	-	9 - 50	-

Boring Number	LPB-17		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/15/2005	12/15/2005				
Lab Identification Number	51200226	51200226				
Semivolatile Organic Compounds (ug/Kg)						
Phenanthrene	1200	ND	50000	218000	-	1000
Fluoranthene	1500	ND	50000	1900000	-	1000
Pyrene	1500	ND	50000	665000	-	1000
Benzo(a)anthracene	**710**	ND	224	2800	-	0.04
Chrysene	**750**	ND	400	400	-	0.04
Benzo(b)fluoranthene	830	ND	220	1100	-	0.04
Benzo(k)fluoranthene	690	ND	220	1100	-	0.04
Benzo(a)pyrene	**660**	ND	61	11000	-	0.04
Benzo (g,h,i) perylene	280	ND	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**24.3**	7.05	7.5	-	3 - 12	-
Chromium	**15.2**	**16.6**	10	-	1.5 - 40	-
Copper	**93.0**	**29.2**	25	-	1 - 50	-
Mercury	**0.739**	**0.226**	0.1	-	0.001 - 0.2	-
Nickel	**18.7**	**17.3**	13	-	0.5 - 25	-
Selenium	<2.00 *	<2.11 *	2	-	0.1 - 3.9	-

Boring Number	LPB-15		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/20/2005	12/20/2005				
Lab Identification Number	51200286	51200286				
Volatile Organic Compounds (ug/Kg)						
Acetone	149	85.8	200	110	-	NS
Semivolatile Organic Compounds (ug/Kg)						
Phenanthrene	2600	780	50000	218000	-	1000
Fluoranthene	2400	650	50000	1900000	-	1000
Pyrene	2800	1600	50000	665000	-	1000
Benzo(a)anthracene	ND	**340**	224	2800	-	0.04
Chrysene	ND	340	400	400	-	0.04
Benzo(b)fluoranthene	ND	**310**	220	1100	-	0.04
Benzo(k)fluoranthene	ND	**230**	220	1100	-	0.04
Benzo(a)pyrene	ND	**320**	61	11000	-	0.04
Benzo (g,h,i) perylene	ND	270	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Chromium	**18.9**	**20.8**	10	-	1.5 - 40	-
Copper	**60.8**	212	25	-	1 - 50	-
Mercury	**0.275**	**0.143**	0.1	-	0.001 - 0.2	-
Nickel	**16.5**	**15.0**	13	-	0.5 - 25	-
Zinc	**262**	**54.0**	20	-	9 - 50	-

NOTES FOR SUMMARY TABLES:

1. BOLD–INDICATES VALUES THAT EXCEEDED THE NYSDEC RECOMMENDED SOIL CLEANUP CRITERIA/NYSDEC EASTERN BACKGROUND CRITERIA.
2. ITALICS–INDICATES VALVES THAT EXCEEDED THE NYSDEC SOIL CLEANUP OBJECTIVES TO PROTECT GROUNDWATER.
3. SHADED–INDICATES VALVES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALVES.
4. ND–NOT DETECTED.
5. J– INDICATES AN ESTIMATED VALUE.

Boring Number	LPB-16		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/15/2005	12/15/2005				
Lab Identification Number	51200226	51200226				
Semivolatile Organic Compounds (ug/Kg)						
Naphthalene	ND	200	13000	13000	-	200
Phenanthrene	1500	2200	50000	218000	-	1000
Fluoranthene	2000	2600	50000	1900000	-	1000
Pyrene	2000	2900	50000	665000	-	1000
Benzo(a)anthracene	**930**	**1400**	224	2800	-	0.04
Chrysene	**940**	**1400**	400	400	-	0.04
Benzo(b)fluoranthene	910	**1400**	220	1100	-	0.04
Benzo(k)fluoranthene	810	**1400**	220	1100	-	0.04
Benzo(a)pyrene	**900**	**1300**	61	11000	-	0.04
Benzo (g,h,i) perylene	490	520	50000	8000000	-	0.04
TAL Metals (mg/Kg)						
Arsenic	**12.7**	**11.0**	7.5	-	3 - 12	-
Chromium	**19.9**	**26.2**	10	-	1.5 - 40	-
Copper	**184**	**75.5**	25	-	1 - 50	-
Mercury	**3.85**	**0.192**	0.1	-	0.001 - 0.2	-
Nickel	**18.3**	**14.0**	13	-	0.5 - 25	-
Selenium	<2.02 *	<2.06 *	2	-	0.1 - 3.9	-
Zinc	**259**	**153**	20	-	9 - 50	-

Boring Number	LPB-19		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/22/2005	12/22/2005				
Lab Identification Number	51200336	51200336				
TAL Metals (mg/Kg)						
Chromium	**17.8**	9.58	10	-	1.5 - 40	-
Copper	**30.6**	7.13	25	-	1 - 50	-
Mercury	**0.0870**	ND	0.1	-	0.001 - 0.2	-
Nickel	**15.5**	9.70	13	-	0.5 - 25	-
Selenium	<2.56 *	<2.11 *	2	-	0.1 - 3.9	-
Zinc	**82.3**	**22.1**	20	-	9 - 50	-

Boring Number	LPB-18		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/16/2005	12/16/2005				
Lab Identification Number	51200274	51200274				
Volatile Organic Compounds (ug/Kg)						
Acetone	ND	119	200	110	-	NS
TAL Metals (mg/Kg)						
Chromium	**12.7**	7.86	10	-	1.5 - 40	-
Mercury	**0.145**	ND	0.1	-	0.001 - 0.2	-
Nickel	**13.7**	10.9	13	-	0.5 - 25	-
Selenium	<2.36 *	<2.28 *	2	-	0.1 - 3.9	-
Zinc	**63.6**	**39.9**	20	-	9 - 50	-

Boring Number	LPB-20		NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Objectives Protect GW	NYSDEC Eastern Background Criteria	STARS Alternative Guidance Value
Sample Depth	5' - 7'	7' - 9'				
Sample Date	12/16/2005	12/16/2005				
Lab Identification Number	51200274	51200274				
TAL Metals (mg/Kg)						
Chromium	**11.0**	**13.6**	10	-	1.5 - 40	-
Selenium	<2.24 *	<2.24 *	2	-	0.1 - 3.9	-
Zinc	**34.2**	**38.8**	20	-	9 - 50	-

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DESIGNED BY: S. MUSTHYALA
DRAWN BY: B. PAPA
DEPT. CHECK: S. MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE: 0 30 60 90 SCALE IN FEET SCALE: 1"=30'-0"

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
COST TO CURE REPORT–PARKS AND OPEN RECREATION
9TH STREET EQUITIES LLC, BROOKLYN, N.Y.

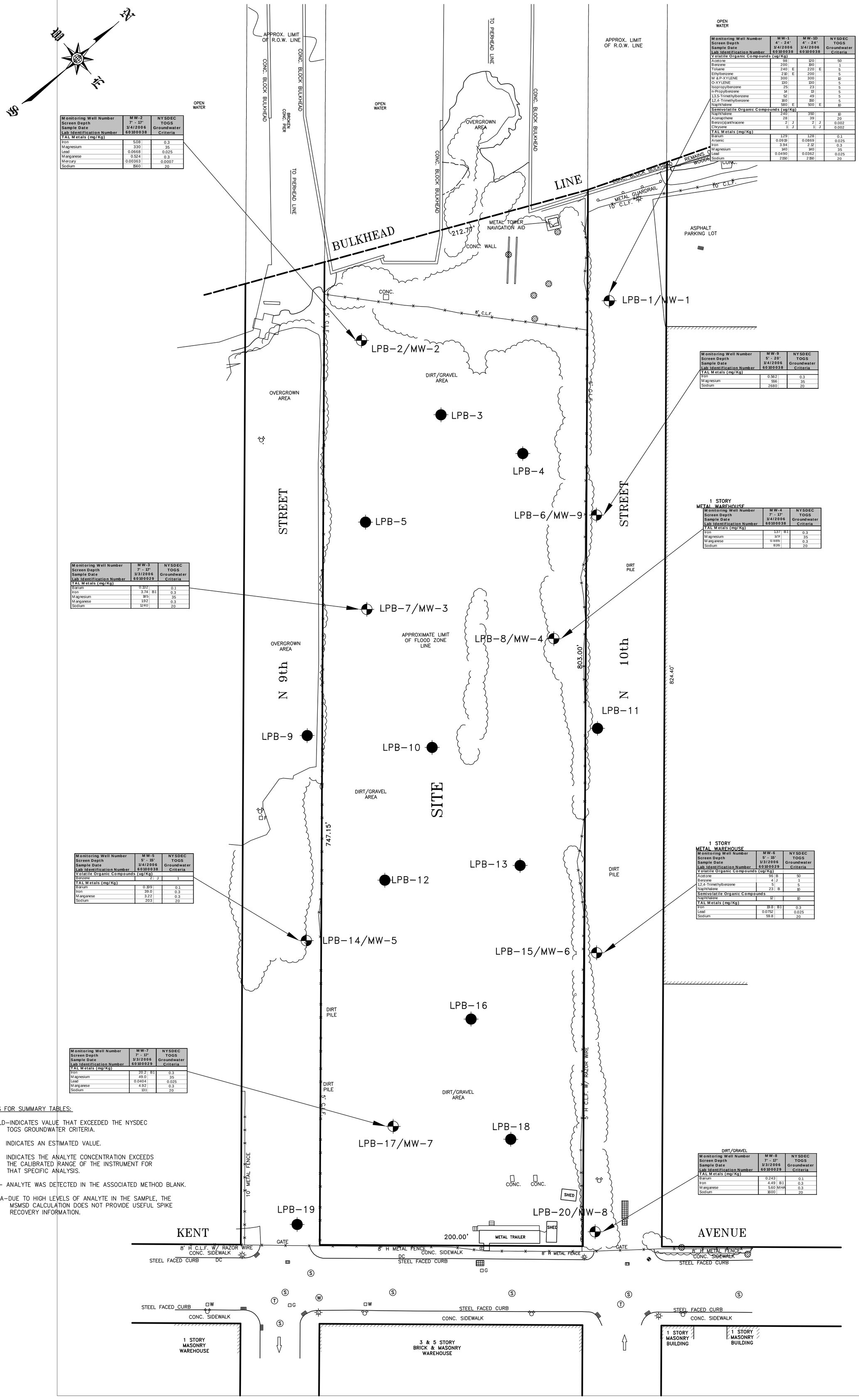
BORINGS SHOWING SOIL EXCEEDANCES

WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923

CIVIL

MAY 2007

JOB 60003815
FILE NO.
CAD FILE CZCTCFG3
SHEET FIG. 3



Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-2 7' - 17' 1/4/2006 60100038		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Iron	5.08		0.3
Magnesium	330		35
Lead	0.0668		0.025
Manganese	0.524		0.3
Mercury	0.00363		0.0007
Sodium	1560		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-1 4' - 24' 1/4/2006 60100038		MW-1D 4' - 24' 1/4/2006 60100038		NYSDEC TOGS Groundwater Criteria
Volatile Organic Compounds (ug/Kg)					
Acetone	98		120		50
Benzene	200		190		1
Toluene	240	E	220	E	5
Ethylbenzene	210	E	200		5
M & P-XYLENE	300		300		10
O-XYLENE	130		130		5
Isopropylbenzene	25		23		5
n-Propylbenzene	14		13		5
1,3,5-Trimethylbenzene	52		49		5
1,2,4-Trimethylbenzene	160		150		5
Naphthalene	580	E	500	E	10
Semivolatile Organic Compounds (ug/Kg)					
Naphthalene	240		350		10
Acenapthene	28		39		20
Benzo(a)anthracene	2	J	2	J	0.002
Chrysene	1	J	1	J	0.002
TAL Metals (mg/Kg)					
Barium	129		128		0.1
Arsenic	0.0939		0.0869		0.025
Iron	3.94		2.12		0.3
Magnesium	140		140		35
Lead	0.0490		0.0362		0.025
Sodium	2150		2150		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-9 5' - 20' 1/4/2006 60100038		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Iron	0.562		0.3
Magnesium	556		35
Sodium	2680		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-4 7' - 17' 1/4/2006 60100038		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Iron	137	B1	0.3
Magnesium	129		35
Manganese	0.686		0.3
Sodium	836		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-3 7' - 17' 1/3/2006 60100029		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Barium	0.332		0.1
Iron	3.74	B1	0.3
Magnesium	365		35
Manganese	1.92		0.3
Sodium	1240		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-5 5' - 15' 1/4/2006 60100038		NYSDEC TOGS Groundwater Criteria
Volatile Organic Compounds (ug/Kg)			
Benzene	2	J	1
TAL Metals (mg/Kg)			
Barium	0.199		0.1
Iron	39.0		0.3
Manganese	3.22		0.3
Sodium	203		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-6 5' - 15' 1/3/2006 60100029		NYSDEC TOGS Groundwater Criteria
Volatile Organic Compounds (ug/Kg)			
Acetone	96	B	50
Benzene	4	J	1
1,2,4-Trimethylbenzene	5		5
Naphthalene	23	B	10
Semivolatile Organic Compounds			
Naphthalene	12		10
TAL Metals (mg/Kg)			
Iron	19.8	B1	0.3
Lead	0.0752		0.025
Sodium	59.8		20

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-7 7' - 17' 1/3/2006 60100029		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Iron	20.2	B1	0.3
Magnesium	49.0		35
Lead	0.0404		0.025
Manganese	4.92		0.3
Sodium	131		20

DIRT/GRAVEL

Monitoring Well Number Screen Depth Sample Date Lab Identification Number	MW-8 7' - 17' 1/3/2006 60100029		NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)			
Barium	0.243		0.1
Iron	4.49	B1	0.3
Manganese	5.60	MHA	0.3
Sodium	1600		20

NOTES FOR SUMMARY TABLES:

1. BOLD–INDICATES VALUE THAT EXCEEDED THE NYSDEC TOGS GROUNDWATER CRITERIA.
2. J– INDICATES AN ESTIMATED VALUE.
3. E– INDICATES THE ANALYTE CONCENTRATION EXCEEDS THE CALIBRATED RANGE OF THE INSTRUMENT FOR THAT SPECIFIC ANALYSIS.
4. B1– ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK.
5. MHA–DUE TO HIGH LEVELS OF ANALYTE IN THE SAMPLE, THE MSMSD CALCULATION DOES NOT PROVIDE USEFUL SPIKE RECOVERY INFORMATION.

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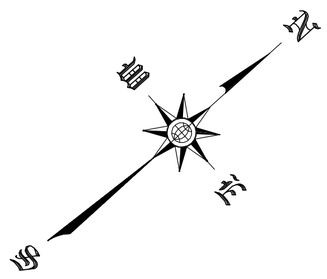
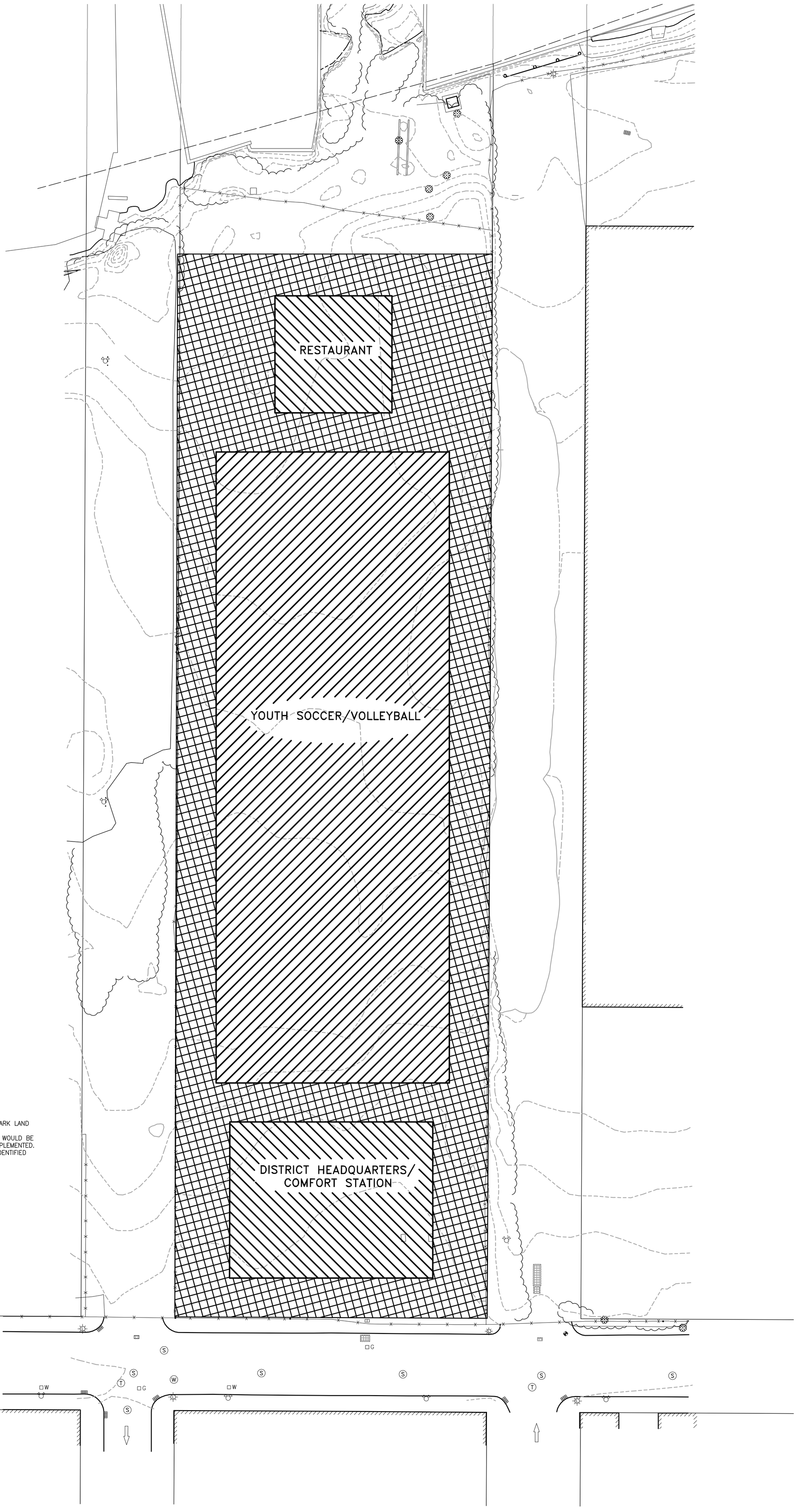
DESIGNED BY: S. MUSTHYALA
DRAWN BY: B. PAPA
DEPT. CHECK: S. MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE:
0 30 60 90
SCALE IN FEET
SCALE:1"=30'-0"

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
COST TO CURE REPORT–PARKLAND
9TH STREET EQUITIES LLC, BROOKLYN, N.Y.
BORINGS SHOWING GROUNDWATER EXCEEDANCES
WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923
CIVIL
MAY 2007

JOB 60003815
FILE NO.
CAD FILE CZCTCFG4
SHEET FIG. 4





NOTE:

THIS PLAN IS ONLY A CONCEPTUAL LAYOUT OF PARK LAND IN ORDER TO DEVELOP COST ESTIMATES TO REMEDIATE CONTAMINATED HISTORIC FILL THAT WOULD BE ENCOUNTERED IF THIS CONCEPTUAL PLAN WAS IMPLEMENTED. ASSUMPTIONS ASSOCIATED WITH THIS PLAN ARE IDENTIFIED IN THE COST TO CURE REPORT FOR THE SITE.

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DESIGNED BY: S. MUSTHYALA
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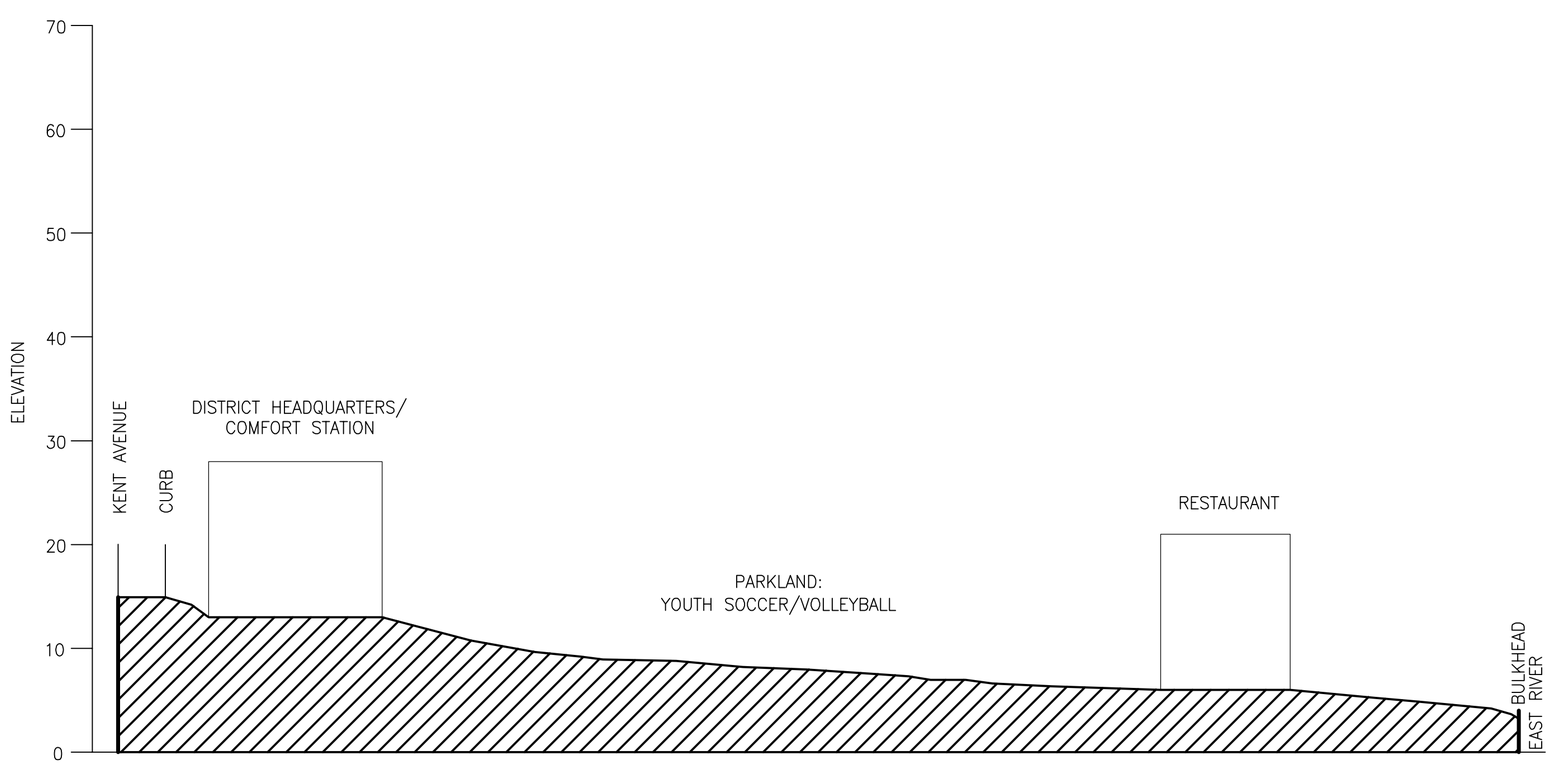
PROJ. CHECK: N. ABRAMS

SCALE:

0 30 60 90
SCALE IN FEET
SCALE: 1"=30'-0"

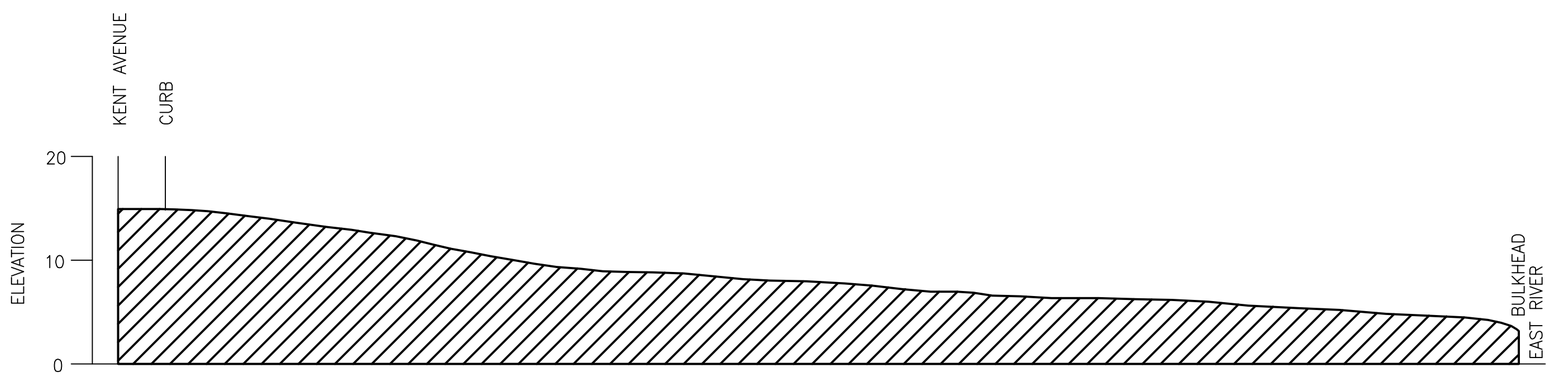
NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
COST TO CURE REPORT–PARKLAND
9TH STREET EQUITIES LLC, BROOKLYN, N.Y.
CONCEPTUAL SITE PLAN
WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923
CIVIL
MAY 2007

JOB 60003815
FILE NO.
CAD FILE CZCTCFG5
SHEET FIG. 5



CONCEPTUAL SITE PROFILE

SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=10'



PRESENT TOPOGRAPHIC PROFILE

SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=10'

METCALF & EDDY | AECOM

DESIGNED BY: S. MUSTHYALA
DRAWN BY: B. PAPA
DEPT. CHECK: S. MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE: AS NOTED

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
COST TO CURE REPORT–PARKLAND
9TH STREET EQUITIES LLC, BROOKLYN, N.Y.
GENERALIZED SITE ELEVATIONS
WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923
CIVIL MAY 2007

JOB 60003815
FILE NO.
CAD FILE CZCTCFG6
SHEET FIG. 6

Table 1
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-1	LPB-1	LPB-1	LPB-1D	LPB-2	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	15-17	15-17	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/19/2005	12/19/2005	12/19/2005	12/19/2005	12/8/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200274	51200274	51200274	51200142	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	53.2	ND	105	10 JB	200	110	NS
Methylene Chloride	ND	ND	ND	ND	6 J	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	21.0	15.4	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	15.1	28.4	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	26.4	ND	NS	NS	NS
Naphthalene	ND	ND	ND	28.2	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Boring Number	LPB-2	LPB-3	LPB-3	LPB-4	LPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/8/2005	12/9/2005	12/9/2005	12/9/2005	12/9/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200142	51200142	51200142	51200142	51200142	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	13 JB	16 JB	16 JB	20 JB	17 JB	200	110	NS
Methylene Chloride	23 J	40	60	44	26 J	100	100	NS
Benzene	2 J	4 J	ND	ND	4 J	60	60	14
Toluene	3 J	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	4 JB	ND	ND	ND	7 JB	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Table 1
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-5	LPB-5	LPB-6	LPB-6	LPB-6	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/12/2005	12/12/2005	12/21/2005	12/21/2005	12/21/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200286	51200286	51200286	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	26 JB	25 JB	ND	***1300***	55.6	200	110	NS
Methylene Chloride	14 JB	25 JB	ND	ND	ND	100	100	NS
Benzene	ND	ND	ND	16.1	ND	60	60	14
Toluene	ND	ND	ND	29.2	19.2	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	10.3	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	31.5	32.3	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	ND	ND	16.9	46.4	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Boring Number	LPB-7	LPB-7	LPB-8	LPB-8	LPB-8	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	2-3	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/13/2005	12/13/2005	12/9/2005	12/12/2005	12/12/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200142	51200204	51200204	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	36 JB	60 JB	15 JB	24 JB	100 B	200	110	NS
Methylene Chloride	18 JB	25 JB	17 J	9 JB	18 JB	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	6 J	4 J	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	ND	ND	ND	12	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Table 1
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-9	LPB-9	LPB-10	LPB-10	LPB-11	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7 - 9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/22/2005	12/22/2005	12/16/2005	12/16/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200336	51200336	51200274	51200274	51200286	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	44	36	ND	ND	ND	200	110	NS
Methylene Chloride	21	17	ND	ND	ND	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	ND	ND	ND	ND	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Boring Number	LPB-11	LPB-12	LPB-12	LPB-13	LPB-13D	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/20/2005	12/14/2005	12/14/2005	12/14/2005	12/14/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200286	51200226	51200226	51200226	51200226	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	53.7	***826***	58.6	80.0	ND	200	110	NS
Methylene Chloride	ND	93.6	ND	ND	ND	100	100	NS
Benzene	ND	18.2	ND	ND	ND	60	60	14
Toluene	ND	72.0	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	87.5	31.9	NS	NS	NS
Naphthalene	ND	14.0	ND	15.7	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Table 1
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-13	LPB-14	LPB-14	LPB-15	LPB-15	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/14/2005	12/22/2005	12/22/2005	12/20/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200336	51200336	51200286	51200286	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	*124*	37 JB	35 JB	*149*	85.8	200	110	NS
Methylene Chloride	ND	14 JB	16 JB	ND	ND	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	13.3	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	161	ND	ND	ND	ND	NS	NS	NS
Naphthalene	12.1	ND	ND	ND	9.95	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Boring Number	LPB-16	LPB-16	LPB-17	LPB-17	LPB-18	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/15/2005	12/15/2005	12/15/2005	12/15/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200226	51200226	51200226	51200274	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	57.7	ND	ND	ND	200	110	NS
Methylene Chloride	ND	ND	ND	ND	ND	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	12.2	ND	ND	ND	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	NS	NS	NS

Table 1
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-18	LPB-19	LPB-19	LPB-20	LPB-20	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/16/2005	12/22/2005	12/22/2005	12/16/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200336	51200336	51200274	51200274	Objectives	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	*119*	33 JB	47	ND	ND	200	110	NS
Methylene Chloride	ND	19 JB	20	ND	ND	100	100	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	NS	NS	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	NS	NS	NS
Naphthalene	ND	4 JB	ND	ND	ND	NS	NS	200
1,2,3-Trichlorobenzene	ND	4 JB	ND	ND	ND	NS	NS	NS

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC Recommended Soil Cleanup Objectives
(2) Italic - Indicates value that exceeded the NYSDEC Soil Cleanup Objectives to Protect GW
(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value
(4) ND - Non-detected above laboratory method detection limit
(5) NS - No Standard
(6) JB - Indicates an estimated value and the analyte was found in the blank
(7) J - Indicates an estimated value

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-1	LPB-1	LPB-1	LPB-1D	LPB-2	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	15-17	15-17	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/19/2005	12/19/2005	12/19/2005	12/19/2005	12/8/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200274	51200274	51200274	51200142	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	***17000***	660 J	13000	13000	200
2-Methyl Naphthalene	3500	ND	ND	10000	330 J	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	360 J	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	ND	ND	ND	6500	890 J	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	4000	1500	50000	350000	1000
Phenanthrene	5400	2900	1800	9600	11000	50000	220000	1000
Anthracene	ND	ND	ND	3200	3200	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	5100	3600	2400	3000	11000	50000	1900000	1000
Pyrene	5500	4000	3200	6100	12000	50000	665000	1000
Benzo(a)anthracene	***2400***	***1700***	***1300***	ND	***5400***	224	300	0.04
Chrysene	***2400***	***1700***	***1300***	ND	***5400***	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	420 J	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	1900	3200	3200	0.04
Benzo(b)fluoranthene	***2100***	***1800***	**1600**	ND	**7500**	1100	1100	0.04
Benzo(k)fluoranthene	***2100***	***1500***	**1400**	ND	***5800***	1100	1100	0.04
Benzo(a)pyrene	**2200**	**1700**	**1500**	ND	**6500**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	**630** J	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	3300	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-2	LPB-3	LPB-3	LPB-4	LPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/8/2005	12/9/2005	12/9/2005	12/9/2005	12/9/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200142	51200142	51200142	51200142	51200142	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	250 J	ND	ND	ND	66 J	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	240 J	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	350 J	ND	230 J	380 J	110 J	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	52 J	6200	6200	NS
Fluorene	390 J	ND	260 J	260 J	110 J	50000	350000	1000
Phenanthrene	4200	50 J	2700	3300	1100	50000	220000	1000
Anthracene	1000	ND	710 J	740 J	270	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	6200	68 J	3600	3800	1300	50000	1900000	1000
Pyrene	6900	80 J	3600	4100	1500	50000	665000	1000
Benzo(a)anthracene	***3100***	40 J	***1600***	***1500***	***740***	224	300	0.04
Chrysene	***3100***	40 J	***1600***	***1500***	***720***	400	400	0.04
bis(2-Ethylhexyl)phthalate	530 J	87 J	260 J	ND	200 J	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	1600	ND	1200	970	450	3200	3200	0.04
Benzo(b)fluoranthene	***4000***	46 J	***2200***	***1900***	***1100***	1100	1100	0.04
Benzo(k)fluoranthene	***4000***	ND	***1700***	***1400***	980	1100	1100	0.04
Benzo(a)pyrene	**4000**	58 J	**2200**	**1800**	**1200**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	**170** J	14	165000000	1000
Benzo (g,h,i) perylene	2400	ND	1200	580 J	730	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-5	LPB-5	LPB-6	LPB-6	LPB-6	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/12/2005	12/12/2005	12/21/2005	12/21/2005	12/21/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200286	51200286	51200286	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	57 J	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	41 J	40 J	ND	ND	ND	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	52 J	ND	ND	ND	50000	350000	1000
Phenanthrene	310	450	2100	15000	ND	50000	220000	1000
Anthracene	81 J	99 J	ND	4600	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	47 J	49 J	ND	ND	ND	8100	8100	NS
Fluoranthene	330	430	2600	10000	5600	50000	1900000	1000
Pyrene	330	430	5800	22000	10000	50000	665000	1000
Benzo(a)anthracene	170 J	170 J	ND	***4800***	***5500***	224	300	0.04
Chrysene	200	180 J	ND	***4600***	***5300***	400	400	0.04
bis(2-Ethylhexyl)phthalate	89 J	570	ND	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	140 J	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	230	220	ND	ND	***7900***	1100	1100	0.04
Benzo(k)fluoranthene	100 J	160 J	ND	ND	***7400***	1100	1100	0.04
Benzo(a)pyrene	**180** J	**210**	ND	**4300**	**8400**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	100 J	ND	ND	10000	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-7	LPB-7	LPB-8	LPB-8	LPB-8	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	2-3	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/13/2005	12/13/2005	12/9/2005	12/12/2005	12/12/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200142	51200204	51200204	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	46 J	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	ND	ND	610 J	ND	ND	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	410 J	ND	ND	50000	350000	1000
Phenanthrene	110 J	51 J	1500 J	ND	ND	50000	220000	1000
Anthracene	ND	ND	500 J	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	160 J	59 J	3000	ND	460 J	50000	1900000	1000
Pyrene	170 J	64 J	4100	ND	750 J	50000	665000	1000
Benzo(a)anthracene	99 J	ND	***1500*** J	ND	220 J	224	300	0.04
Chrysene	99 J	ND	***1600*** J	ND	230 J	400	400	0.04
bis(2-Ethylhexyl)phthalate	270	420	410 J	ND	310 J	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	170 J	ND	1600 J	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	140 J	ND	***1900*** J	ND	440 J	1100	1100	0.04
Benzo(k)fluoranthene	75 J	ND	***1300*** J	ND	ND	1100	1100	0.04
Benzo(a)pyrene	150 J	57 J	**1900** J	ND	**370** J	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	700 J	ND	330 J	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-9	LPB-9	LPB-10	LPB-10	LPB-11	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7 - 9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/22/2005	12/22/2005	12/16/2005	12/16/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200336	51200336	51200274	51200274	51200286	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	ND	ND	ND	ND	ND	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	ND	50000	350000	1000
Phenanthrene	ND	ND	290	320	930	50000	220000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	ND	ND	360	410	1100	50000	1900000	1000
Pyrene	ND	ND	430	490	1400	50000	665000	1000
Benzo(a)anthracene	ND	ND	220	**260**	***570***	224	300	0.04
Chrysene	ND	ND	210	260	***540***	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	430	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	ND	240	270	550	1100	1100	0.04
Benzo(k)fluoranthene	ND	ND	260	280	470	1100	1100	0.04
Benzo(a)pyrene	ND	ND	**280**	**290**	**520**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-11	LPB-12	LPB-12	LPB-13	LPB-13D	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/20/2005	12/14/2005	12/14/2005	12/14/2005	12/14/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200286	51200226	51200226	51200226	51200226	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	190	ND	ND	ND	1200	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	1200	50000	350000	1000
Phenanthrene	1300	ND	ND	5800	12000	50000	220000	1000
Anthracene	360	ND	ND	ND	3000	50000	700000	1000
Carbazole	ND	ND	ND	ND	1600	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	1200	ND	ND	6000	15000	50000	1900000	1000
Pyrene	1500	ND	ND	5500	17000	50000	665000	1000
Benzo(a)anthracene	***600***	ND	ND	***2800***	***7400***	224	300	0.04
Chrysene	***590***	ND	ND	***2800***	***7400***	400	400	0.04
bis(2-Ethylhexyl)phthalate	210	ND	ND	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	520	ND	ND	***2500***	**8700**	1100	1100	0.04
Benzo(k)fluoranthene	510	ND	ND	ND	**6900**	1100	1100	0.04
Benzo(a)pyrene	**480**	ND	ND	**2300**	**7400**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	1400	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-13	LPB-14	LPB-14	LPB-15	LPB-15	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7 - 9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/14/2005	12/22/2005	12/22/2005	12/20/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200336	51200336	51200286	51200286	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	ND	190	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	290	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	ND	ND	ND	ND	380	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	220	50000	350000	1000
Phenanthrene	3600	ND	ND	2600	780	50000	220000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	4900	ND	ND	2400	650	50000	1900000	1000
Pyrene	4600	ND	ND	2800	1600	50000	665000	1000
Benzo(a)anthracene	***2200***	ND	ND	ND	***340***	224	300	0.04
Chrysene	***2200***	ND	ND	ND	340	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	530	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	***2000***	ND	ND	ND	310	1100	1100	0.04
Benzo(k)fluoranthene	ND	ND	ND	ND	230	1100	1100	0.04
Benzo(a)pyrene	**2000**	ND	ND	ND	**320**	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	270	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-16	LPB-16	LPB-17	LPB-17	LPB-18	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/15/2005	12/15/2005	12/15/2005	12/15/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200226	51200226	51200226	51200274	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	200	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	320	ND	ND	2000	2000	NS
Acenapthene	ND	240	ND	ND	ND	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	230	ND	ND	ND	50000	350000	1000
Phenanthrene	1500	2200	1200	ND	240	50000	220000	1000
Anthracene	360	510	240	ND	ND	50000	700000	1000
Carbazole	ND	340	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	2000	2600	1500	ND	240	50000	1900000	1000
Pyrene	2000	2900	1500	ND	300	50000	665000	1000
Benzo(a)anthracene	***930***	***1400***	***710***	ND	ND	224	300	0.04
Chrysene	***940***	***1400***	***750***	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	230	270	290	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	910	***1400***	830	ND	ND	1100	1100	0.04
Benzo(k)fluoranthene	810	***1400***	690	ND	ND	1100	1100	0.04
Benzo(a)pyrene	**900**	**1300**	**660**	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	490	520	280	ND	ND	50000	800000	0.04

Table 2
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-18	LPB-19	LPB-19	LPB-20	LPB-20	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/16/2005	12/22/2005	12/22/2005	12/16/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200336	51200336	51200274	51200274	Objectives	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	41000	41000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
Acenapthene	ND	ND	ND	ND	ND	50000	90000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	ND	50000	350000	1000
Phenanthrene	ND	ND	ND	ND	ND	50000	220000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	NS	NS	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	ND	56 J	ND	ND	ND	50000	1900000	1000
Pyrene	ND	54 J	ND	ND	ND	50000	665000	1000
Benzo(a)anthracene	ND	ND	ND	ND	ND	224	300	0.04
Chrysene	ND	ND	ND	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	1100	1100	0.04
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1100	1100	0.04
Benzo(a)pyrene	ND	ND	ND	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	50000	800000	0.04

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC Recommended Soil Cleanup Objectives
(2) Italic - Indicates value that exceeded the NYSDEC Soil Cleanup Objectives to Protect GW
(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value
(4) ND - Non-detected above laboratory method detection limit
(5) NS - No Standard
(6) JB - Indicates an estimated value and the analyte was found in the blank
(7) J - Indicates an estimated value

Table 3
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-1	LPB-1	LPB-1	LPB-1D	LPB-2	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	15-17	15-17	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/19/2005	12/19/2005	12/19/2005	12/19/2005	12/8/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200274	51200274	51200274	51200142	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-2	LPB-3	LPB-3	LPB-4	LPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/8/2005	12/9/2005	12/9/2005	12/9/2005	12/9/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200142	51200142	51200142	51200142	51200142	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-5	LPB-5	LPB-6	LPB-6	LPB-6	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/12/2005	12/12/2005	12/21/2005	12/21/2005	12/21/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200286	51200286	51200286	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-7	LPB-7	LPB-8	LPB-8	LPB-8	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	2-3	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/13/2005	12/13/2005	12/9/2005	12/12/2005	12/12/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200142	51200204	51200204	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-9	LPB-9	LPB-10	LPB-10	LPB-11	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7 - 9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/22/2005	12/22/2005	12/16/2005	12/16/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200336	51200336	51200274	51200274	51200286	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	7.26	44	100	NS

Table 3
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-11	LPB-12	LPB-12	LPB-13	LPB-13D	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/20/2005	12/14/2005	12/14/2005	12/14/2005	12/14/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200286	51200226	51200226	51200226	51200226	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-13	LPB-14	LPB-14	LPB-15	LPB-15	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7 - 9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/14/2005	12/22/2005	12/22/2005	12/20/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200336	51200336	51200286	51200286	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-16	LPB-16	LPB-17	LPB-17	LPB-18	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/15/2005	12/15/2005	12/15/2005	12/15/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200226	51200226	51200226	51200274	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Boring Number	LPB-18	LPB-19	LPB-19	LPB-20	LPB-20	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/16/2005	12/22/2005	12/22/2005	12/16/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200336	51200336	51200274	51200274	Objectives	Protect GW	Value
Pesticides (ug/Kg)								
Dieldrin	ND	ND	ND	ND	ND	44	100	NS

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC Recommended Soil Cleanup Objectives
(2) Italic - Indicates value that exceeded the NYSDEC Soil Cleanup Objectives to Protect GW
(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value
(4) ND - Non-detected above laboratory method detection limit
(5) NS - No Standard
(6) JB - Indicates an estimated value and the analyte was found in the blank
(7) J - Indicates an estimated value

Table 4
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-1	LPB-1	LPB-1	LPB-1D	LPB-2	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	15-17	15-17	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/19/2005	12/19/2005	12/19/2005	12/19/2005	12/8/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200274	51200274	51200274	51200142	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	890	10000	10000	NS

Boring Number	LPB-2	LPB-3	LPB-3	LPB-4	LPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/8/2005	12/9/2005	12/9/2005	12/9/2005	12/9/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200142	51200142	51200142	51200142	51200142	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	1400	ND	ND	ND	ND	10000	10000	NS

Boring Number	LPB-5	LPB-5	LPB-6	LPB-6	LPB-6	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/12/2005	12/12/2005	12/21/2005	12/21/2005	12/21/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200286	51200286	51200286	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Boring Number	LPB-7	LPB-7	LPB-8	LPB-8	LPB-8	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	2-3	7-9	11-13	Recommended	Soil Cleanup	Alternative
Sample Date	12/13/2005	12/13/2005	12/9/2005	12/12/2005	12/12/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200204	51200204	51200142	51200204	51200204	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Table 4
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-9	LPB-9	LPB-10	LPB-10	LPB-11	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7 - 9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/22/2005	12/22/2005	12/16/2005	12/16/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200336	51200336	51200274	51200274	51200286	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Boring Number	LPB-11	LPB-12	LPB-12	LPB-13	LPB-13D	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/20/2005	12/14/2005	12/14/2005	12/14/2005	12/14/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200286	51200226	51200226	51200226	51200226	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	340	41	10000	10000	NS

Boring Number	LPB-13	LPB-14	LPB-14	LPB-15	LPB-15	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7 - 9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/14/2005	12/22/2005	12/22/2005	12/20/2005	12/20/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200336	51200336	51200286	51200286	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	457	ND	10000	10000	NS
PCB-1260	ND	ND	ND	86.3	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Boring Number	LPB-16	LPB-16	LPB-17	LPB-17	LPB-18	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	5-7	7-9	5-7	7-9	5-7	Recommended	Soil Cleanup	Alternative
Sample Date	12/15/2005	12/15/2005	12/15/2005	12/15/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200226	51200226	51200226	51200226	51200274	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Table 4
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-18	LPB-19	LPB-19	LPB-20	LPB-20	NYSDEC	NYSDEC	STARS TCLP
Sample Depth (ft)	7-9	5-7	7-9	5-7	7-9	Recommended	Soil Cleanup	Alternative
Sample Date	12/16/2005	12/22/2005	12/22/2005	12/16/2005	12/16/2005	Soil Cleanup	Objectives to	Guidance
Lab Idenification Number	51200274	51200336	51200336	51200274	51200274	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1242	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS
PCB-1262	ND	ND	ND	ND	ND	10000	10000	NS

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC Recommended Soil Cleanup Objectives
(2) Italic - Indicates value that exceeded the NYSDEC Soil Cleanup Objectives to Protect GW
(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value
(4) ND - Non-detected above laboratory method detection limit
(5) NS - No Standard
(6) JB - Indicates an estimated value and the analyte was found in the blank
(7) J - Indicates an estimated value

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-1		LPB-1		LPB-1		LPB-1D		LPB-2		NYSDEC	NYSDEC
Sample Depth (ft)	5-7		7-9		15-17		15-17		5-7		Recommended	Eastern USA
Sample Date	12/19/2005		12/19/2005		12/19/2005		12/19/2005		12/8/2005		Soil Cleanup	Background
Lab Identification Number	51200274		51200274		51200274		51200274		51200142		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	ND		ND		ND		ND	M2	ND		NS	NS
Aluminum	6040		6580		4270		3550	MHA	5220		NS	33000
Arsenic	7.37		**8.62**		6.09		**8.77**		**7.52**		7.5	3 - 12
Barium	165		192		134		127		170		NS	15 - 600
Beryllium	ND		ND		ND		ND		ND		1.6	0 - 1.75
Cadmium	0.629		***1.04***		0.785		0.790		0.762		1	0.1 - 1
Chromium	**15.5**		**26.0**		**11.0**		**15.0**		**17.4**		10	1.5 - 40
Calcium	16600		25100		17900		13900	M1	17300		NS	130 - 35000
Iron	15400	B1	16400	B1	12100	B1	13800	B1 MHA	15300	B1	NS	2000 - 550000
Cobalt	6.69		5.85		ND		ND		5.38		NS	2.5 - 60
Copper	***225***		***73.1***		**47.2**		**49.6**	M1 M2	***175***		25	1 - 50
Lead	181		231		155		160	M1 M2	270		500	500
Magnesium	4700		3530		3840		3030		4790		NS	100 - 5000
Manganese	191		270		206		128	M1	230		NS	50 - 50000
Mercury	***1.62***		***1.07***		***0.510***		***0.574***		***1.26***		0.1	0.001 - 0.2
Nickel	**16.8**		**19.2**		12.1		12.4		**17.1**		13	0.5 - 25
Vanadium	27.1		23.9		17.2		20.3		21.5		NS	1 - 300
Selenium	**<2.28**	*	**<2.23**	*	**<2.30**	*	**<2.47**	*	**<2.07**	*	2	0.1 - 3.9
Potassium	820		826		537		531		1080		NS	8500 - 43000
Silver	0.774		0.858		ND		ND		ND		NS	NS
Sodium	303		264		926		1120		261		NS	6000 - 8000
Thallium	ND		ND		ND		ND		ND		NS	NS
Zinc	***358***		***442***		***406***		***526***	MHA	***312***		20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-2		LPB-3		LPB-3		LPB-4		LPB-4		NYSDEC Recommended Soil Cleanup Objective	NYSDEC Eastern USA Background Criteria
Sample Depth (ft)	7-9		5-7		7-9		5-7		7-9			
Sample Date	12/8/2005		12/9/2005		12/9/2005		12/9/2005		12/9/2005			
Lab Identification Number	51200142		51200142		51200142		51200142		51200142			
TAL Metals (mg/Kg)												
Antimony	ND		ND		ND	M2	ND		ND		NS	NS
Aluminum	5200		7190		4190	MHA	3270		1260		NS	33000
Arsenic	**10.8**		7.03		***22.8***		**9.62**		**11.2**		7.5	3 - 12
Barium	183		13.5		176		159		37.7		NS	15 - 600
Beryllium	ND		ND		0.438		ND		ND		1.6	0 - 1.75
Cadmium	0.825		ND		0.770		***1.00***		ND		1	0.1 - 1
Chromium	**17.6**		**11.2**		**20.5**		**11.6**		**19.2**		10	1.5 - 40
Calcium	23700		431		14800		12700		4870		NS	130 - 35000
Iron	14800	B1	17100	B1	18700	B1 MHA	15800	B1	12100	B1	NS	2000 - 550000
Cobalt	5.26		10.2		7.28		6.24		ND		NS	2.5 - 60
Copper	***165***		**28.6**		***139***		***84.8***		***79.0***		25	1 - 50
Lead	288		41.0		309		142		63.0		500	500
Magnesium	*5630*		2360		2810		4320		1570		NS	100 - 5000
Manganese	228		283		232	MHA	331		147		NS	50 - 50000
Mercury	***1.44***		***0.314***		***0.432***		***0.709***		***0.216***		0.1	0.001 - 0.2
Nickel	**17.7**		**14.8**		**23.7**		**16.4**		8.22		13	0.5 - 25
Vanadium	20.7		15.5		19.9		16.7		15.2		NS	1 - 300
Selenium	**<2.07**	*	**<2.15**	*	**<2.10**	*	**<2.29**	*	**<2.38**	*	2	0.1 - 3.9
Potassium	755		664		633		445		230		NS	8500 - 43000
Silver	ND		ND		0.546		ND		ND		NS	NS
Sodium	269		1140		244		ND		693		NS	6000 - 8000
Thallium	ND		ND		ND		ND		ND		NS	NS
Zinc	***363***		***93.1***		***615***		***722***		***85.1***		20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-5		LPB-5		LPB-6		LPB-6		LPB-6		NYSDEC	NYSDEC
Sample Depth (ft)	5-7		7-9		5-7		7-9		11-13		Recommended	Eastern USA
Sample Date	12/12/2005		12/12/2005		12/21/2005		12/21/2005		12/21/2005		Soil Cleanup	Background
Lab Identification Number	51200204		51200204		51200286		51200286		51200286		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	3.92		ND		ND		ND		ND		NS	NS
Aluminum	2760		3020		3510		1370		2480		NS	33000
Arsenic	***257***		***271***		6.51		3.83		***12.5***		7.5	3 - 12
Barium	82.1		68.7		104		33.2		53.9		NS	15 - 600
Beryllium	ND		ND		ND		ND		ND		1.6	0 - 1.75
Cadmium	***2.23***		0.607		0.570		ND		0.510		1	0.1 - 1
Chromium	**11.0**		**11.6**		**11.9**		6.42		**10.1**		10	1.5 - 40
Calcium	5050		14600		9020		2420		3370		NS	130 - 35000
Iron	37400		11900		12800		2780	B1	8110	B1	NS	2000 - 550000
Cobalt	11.6		4.81		ND		ND		ND		NS	2.5 - 60
Copper	***1270***		***216***		***61.7***		**46.4**		***57.2***		25	1 - 50
Lead	***1670***		146		145		81.0		121		500	500
Magnesium	1430		3260		1420		512		711		NS	100 - 5000
Manganese	323		272		223		40.8		160		NS	50 - 50000
Mercury	***1.43***	MHA	***0.298***		***0.412***		***1.47***		***0.850***		0.1	0.001 - 0.2
Nickel	***26.6***		**14.6**		11.9		5.58		**13.5**		13	0.5 - 25
Vanadium	16.0		11.1		15.0		5.98		12.4		NS	1 - 300
Selenium	**<2.06**	*	ND		**<2.20**	*	**<2.05**	*	**<2.24**	*	2	0.1 - 3.9
Potassium	588		708		441		218		339		NS	8500 - 43000
Silver	1.08		0.817		ND		ND		ND		NS	NS
Sodium	180		177		178		678		1110		NS	6000 - 8000
Thallium	ND		ND		ND		ND		2.48		NS	NS
Zinc	***1200***		***245***		***156***		**38.0**		***198***		20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-7	LPB-7	LPB-8	LPB-8	LPB-8	NYSDEC	NYSDEC
Sample Depth (ft)	5-7	7-9	2-3	7-9	11-13	Recommended	Eastern USA
Sample Date	12/13/2005	12/13/2005	12/9/2005	12/12/2005	12/12/2005	Soil Cleanup	Background
Lab Identification Number	51200204	51200204	51200142	51200204	51200204	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	ND	ND	ND	NS	NS
Aluminum	2420	1080	4890	421	927	NS	33000
Arsenic	***29.3***	***49.2***	6.77	3.11	5.50	7.5	3 - 12
Barium	90.9	45.8	128	5.00	15.9	NS	15 - 600
Beryllium	ND	ND	ND	ND	ND	1.6	0 - 1.75
Cadmium	ND	ND	0.489	ND	ND	1	0.1 - 1
Chromium	**12.2**	**11.5**	**15.1**	**2.84**	5.63	10	1.5 - 40
Calcium	8890	2670	9530	215	1470	NS	130 - 35000
Iron	16300	11400	16600 B1	3630	7470	NS	2000 - 550000
Cobalt	7.41	7.58	6.29	ND	ND	NS	2.5 - 60
Copper	***93.9***	**37.2**	***66.4***	5.67	14.4	25	1 - 50
Lead	119	61.8	179	ND	38.5	500	500
Magnesium	792	623	2350	207	458	NS	100 - 5000
Manganese	224	324	260	27.7	44.9	NS	50 - 50000
Mercury	***0.263***	**0.122**	***0.346***	ND	0.0494	0.1	0.001 - 0.2
Nickel	**14.1**	8.77	**14.7**	ND	6.47	13	0.5 - 25
Vanadium	21.7	10.3	25.5	ND	ND	NS	1 - 300
Selenium	**<2.41** *	**<2.93** *	**<2.13** *	**<2.09** *	**<2.03** *	2	0.1 - 3.9
Potassium	360	222	856	ND	220	NS	8500 - 43000
Silver	ND	ND	ND	ND	ND	NS	NS
Sodium	732	1450	248	ND	192	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	***134***	***62.5***	***280***	13.0	***123***	20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-9		LPB-9		LPB-10		LPB-10		LPB-11		NYSDEC	NYSDEC
Sample Depth (ft)	5-7		7 - 9		5-7		7-9		5-7		Recommended	Eastern USA
Sample Date	12/22/2005		12/22/2005		12/16/2005		12/16/2005		12/20/2005		Soil Cleanup	Background
Lab Identification Number	51200336		51200336		51200274		51200274		51200286		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	ND		ND		6.00		ND		ND		NS	NS
Aluminum	8150		7270		2460		2060		9630		NS	33000
Arsenic	2.34		1.92		***18.1***		**8.13**		4.28		7.5	3 - 12
Barium	28.5		36.4		69.6		39.2		58.2		NS	15 - 600
Beryllium	ND		ND		ND		ND		0.436		1.6	0 - 1.75
Cadmium	ND		ND		0.458		ND		0.316		1	0.1 - 1
Chromium	**22.2**		**16.4**		**10.9**		**10.2**		**25.6**		10	1.5 - 40
Calcium	951		1470		2490		1760		3040		NS	130 - 35000
Iron	14700	B1	16000		21900	B1	8530	B1	30100	B1	NS	2000 - 550000
Cobalt	5.33		6.41		7.04		ND		9.16		NS	2.5 - 60
Copper	**31.2**		15.3		***649***		**29.9**		**37.2**		25	1 - 50
Lead	7.35		6.28		213		41.9		59.1		500	500
Magnesium	1520		1990		640		528		1980		NS	100 - 5000
Manganese	88		256		178		99.0		499		NS	50 - 50000
Mercury	ND		ND		***0.521***		***0.558***		**0.157**		0.1	0.001 - 0.2
Nickel	**13.7**		**14.6**		**18.9**		12.5		**17.1**		13	0.5 - 25
Vanadium	41.7		28.8		13.5		11.7		29.2		NS	1 - 300
Selenium	**<2.08**	*	**<2.22**	*	**<2.39**	*	**<2.21**	*	**<2.07**	*	2	0.1 - 3.9
Potassium	1030		1180		394		431		926		NS	8500 - 43000
Silver	ND		ND		0.647		ND		ND		NS	NS
Sodium	ND		ND		ND		ND		ND		NS	6000 - 8000
Thallium	ND		2.23		ND		ND		ND		NS	NS
Zinc	**36.9**		**30.7**		***173***		***106***		***109***		20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-11	LPB-12	LPB-12	LPB-13	LPB-13D	NYSDEC	NYSDEC
Sample Depth (ft)	7-9	5-7	7-9	5-7	5-7	Recommended	Eastern USA
Sample Date	12/20/2005	12/14/2005	12/14/2005	12/14/2005	12/14/2005	Soil Cleanup	Background
Lab Identification Number	51200286	51200226	51200226	51200226	51200226	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	9.69	ND	ND	NS	NS
Aluminum	8470	1590	6150	6300	4500	NS	33000
Arsenic	3.78	**10.7**	**7.60**	***12.1***	***22.7***	7.5	3 - 12
Barium	58.4	38.0	108	193	182	NS	15 - 600
Beryllium	ND	ND	ND	0.338	0.290	1.6	0 - 1.75
Cadmium	ND	ND	ND	0.999	0.977	1	0.1 - 1
Chromium	**15.9**	8.78	7.80	**16.4**	**14.5**	10	1.5 - 40
Calcium	3240	2920	5200	48600	32500	NS	130 - 35000
Iron	17400 B1	23700	28400	13500	24700	NS	2000 - 550000
Cobalt	6.85	ND	8.14	<5.61	ND	NS	2.5 - 60
Copper	**26.5**	**42.3**	***111***	***107***	***114***	25	1 - 50
Lead	77.5	50.6	19.3	198	181	500	500
Magnesium	1950	1040	816	4250	3900	NS	100 - 5000
Manganese	360	210	294	220	392	NS	50 - 50000
Mercury	ND	**0.170**	***1.02***	***0.634***	***0.539***	0.1	0.001 - 0.2
Nickel	**14.6**	9.69	**15.8**	**17.9**	**15.7**	13	0.5 - 25
Vanadium	24.1	13.5	18.1	29.9	19.0	NS	1 - 300
Selenium	**<2.16** *	**<2.11** *	**<2.54** *	**<2.24** *	ND	2	0.1 - 3.9
Potassium	874	268	557	889	663	NS	8500 - 43000
Silver	ND	ND	ND	ND	0.480	NS	NS
Sodium	ND	ND	ND	270	205	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	***80.9***	19.2	***111***	***342***	***271***	20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-13	LPB-14	LPB-14	LPB-15	LPB-15	NYSDEC	NYSDEC
Sample Depth (ft)	7-9	5-7	7 - 9	5-7	7-9	Recommended	Eastern USA
Sample Date	12/14/2005	12/22/2005	12/22/2005	12/20/2005	12/20/2005	Soil Cleanup	Background
Lab Identification Number	51200226	51200336	51200336	51200286	51200286	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	ND	ND	ND M2	NS	NS
Aluminum	3630	8560	6360	6450	9010 MHA	NS	33000
Arsenic	6.04	3.35	4.15	6.20	3.44	7.5	3 - 12
Barium	110	56.0	45.7	137	50.3	NS	15 - 600
Beryllium	ND	0.306	ND	ND	ND	1.6	0 - 1.75
Cadmium	0.585	ND	ND	0.785	ND	1	0.1 - 1
Chromium	**14.6**	**19.8**	**15.8**	**18.9**	**20.8**	10	1.5 - 40
Calcium	20500	1290	2790	21500	2510	NS	130 - 35000
Iron	10300	19600 B1	18400	12400 B1	21200 B1 MHA	NS	2000 - 550000
Cobalt	ND	6.95	7.74	5.03	7.65	NS	2.5 - 60
Copper	***52.4***	24.7	21.6	***60.8***	21.2	25	1 - 50
Lead	134	21.7	65.8	160	20.4	500	500
Magnesium	2280	2370	1640	3630	2490	NS	100 - 5000
Manganese	138	314	526	204	407 MHA	NS	50 - 50000
Mercury	***0.572***	0.0455	ND	***0.275***	**0.143**	0.1	0.001 - 0.2
Nickel	**13.2**	**14.0**	12.1	**16.5**	**15.0**	13	0.5 - 25
Vanadium	18.3	29.3	26.8	24.0	29.0	NS	1 - 300
Selenium	ND	**<2.00** *	**<2.11** *	ND	ND	2	0.1 - 3.9
Potassium	733	1780	1270	746	1480	NS	8500 - 43000
Silver	ND	ND	ND	ND	ND	NS	NS
Sodium	167	325	249	ND	ND	NS	6000 - 8000
Thallium	ND	3.18	2.35	ND	2.04	NS	NS
Zinc	***433***	**43.4**	**31.9**	***262***	***54.0***	20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-16		LPB-16		LPB-17		LPB-17		LPB-18		NYSDEC	NYSDEC
Sample Depth (ft)	5-7		7-9		5-7		7-9		5-7		Recommended	Eastern USA
Sample Date	12/15/2005		12/15/2005		12/15/2005		12/15/2005		12/16/2005		Soil Cleanup	Background
Lab Identification Number	51200226		51200226		51200226		51200226		51200274		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	ND		ND		ND		ND		ND		NS	NS
Aluminum	7550		4720		9600		10700		9090		NS	33000
Arsenic	***12.7***		**11.0**		***24.3***		7.05		3.20		7.5	3 - 12
Barium	122		78.3		119		64.0		45.1		NS	15 - 600
Beryllium	0.597		0.360		0.835		0.435		ND		1.6	0 - 1.75
Cadmium	0.574		0.340		0.352		ND		ND		1	0.1 - 1
Chromium	**19.9**		**26.2**		**15.2**		**16.6**		**12.7**		10	1.5 - 40
Calcium	32100		8280		7480		1260		947		NS	130 - 35000
Iron	19400		15300		16600		17500		13700	B1	NS	2000 - 550000
Cobalt	5.50		ND		6.76		7.28		6.40		NS	2.5 - 60
Copper	***184***		***75.5***		***93.0***		**29.2**		14.0		25	1 - 50
Lead	229		156		215		110		87.1		500	500
Magnesium	3660		1700		2400		2590		2190		NS	100 - 5000
Manganese	383		129		224		365		387		NS	50 - 50000
Mercury	***3.85***		**0.192**		***0.739***		***0.226***		**0.145**		0.1	0.001 - 0.2
Nickel	**18.3**		**14.0**		**18.7**		**17.3**		**13.7**		13	0.5 - 25
Vanadium	22.8		20.5		21.4		20.2		13.8		NS	1 - 300
Selenium	**<2.02**	*	**<2.06**	*	**<2.00**	*	**<2.11**	*	**<2.36**	*	2	0.1 - 3.9
Potassium	1170		813		725		976		702		NS	8500 - 43000
Silver	ND		ND		ND		ND		ND		NS	NS
Sodium	302		207		167		ND		ND		NS	6000 - 8000
Thallium	ND		ND		ND		ND		ND		NS	NS
Zinc	***259***		***153***		***172***		***105***		***63.6***		20	9 - 50

Table 5
Levine Property Site Investigation
Soil Sample Results

Boring Number	LPB-18		LPB-19		LPB-19		LPB-20		LPB-20		NYSDEC Recommended Soil Cleanup Objective	NYSDEC Eastern USA Background Criteria
Sample Depth (ft)	7-9		5-7		7-9		5-7		7-9			
Sample Date	12/16/2005		12/22/2005		12/22/2005		12/16/2005		12/16/2005			
Lab Identification Number	51200274		51200336		51200336		51200274		51200274			
TAL Metals (mg/Kg)												
Antimony	ND		ND		ND		ND		ND		NS	NS
Aluminum	5760		10500		6630		8470		9200		NS	33000
Arsenic	3.21		4.48		1.96		2.90		4.09		7.5	3 - 12
Barium	12.5		55.4		16.1		19.9		20.6		NS	15 - 600
Beryllium	ND		ND		ND		ND		ND		1.6	0 - 1.75
Cadmium	ND		ND		ND		ND		ND		1	0.1 - 1
Chromium	7.86		**17.8**		9.58		**11.0**		**13.6**		10	1.5 - 40
Calcium	477		2620		416		580		514		NS	130 - 35000
Iron	12200	B1	14600	B1	9220	B1	13400	B1	16100	B1	NS	2000 - 550000
Cobalt	ND		ND		ND		ND		ND		NS	2.5 - 60
Copper	8.40		**30.6**		7.13		13.8		15.0		25	1 - 50
Lead	4.79		49.7		5.88		6.30		8.55		500	500
Magnesium	2210		2810		1760		2570		2510		NS	100 - 5000
Manganese	217		137		83.7		122		134		NS	50 - 50000
Mercury	ND		0.0870		ND		ND		ND		0.1	0.001 - 0.2
Nickel	10.9		**15.5**		9.70		11.1		12.3		13	0.5 - 25
Vanadium	9.52		20.5		11.7		14.0		17.9		NS	1 - 300
Selenium	**<2.28**	*	**<2.56**	*	**<2.11**	*	**<2.24**	*	**<2.24**	*	2	0.1 - 3.9
Potassium	596		1320		923		637		670		NS	8500 - 43000
Silver	ND		ND		ND		ND		ND		NS	NS
Sodium	ND		556		374		283		337		NS	6000 - 8000
Thallium	ND		ND		ND		ND		ND		NS	NS
Zinc	**39.9**		***82.3***		**22.1**		**34.2**		**38.8**		20	9 - 50

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC Recommended Soil Cleanup Objectives.
(2) Italic - Indicates value that exceeded the NYSDEC Eastern USA Background Criteria.
(3) * - Indicates the Method Detection Limit (MDL) for the compound is above the NYSDEC Recommended Soil Cleanup Objectives.
(4) ND - Non-detected above laboratory method detection limit
(5) NS - No Standard
(6) B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
(7) M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
(8) MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

Table 6
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-1	MW-1D	MW-2	MW-3	MW-4	NYSDEC
Screen Depth (ft)	4 - 24	4 - 24	7 - 17	7 - 17	7 - 17	TOGS
Sample Date	01/04/06	01/04/06	01/04/06	01/03/06	01/03/06	Groundwater
Lab Idenification Number	60100038	60100038	60100038	60100029	60100029	Criteria
Volatile Organic Compounds (ug/l)						
Acetone	**98**	**120**	ND	10 JB	10 JB	50
Carbon Disulfide	18 J	9 J	ND	10 J	ND	60
Methylene Chloride	2 JB	2 JB	2 JB	3 JB	3 JB	5
Acrylonitrile	ND	ND	ND	ND	ND	5
Methyl-Tert-Butyl-Ether	ND	ND	ND	ND	ND	10
2-Butanone-(MEK)	28 B	26 B	ND	ND	ND	NS
Chloroform	4 J	ND	ND	ND	ND	7
Benzene	**200**	**190**	ND	ND	ND	1
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	NS
Toluene	**240 E**	**220 E**	ND	ND	ND	5
2-Hexanone	11 JB	ND	ND	ND	ND	50
Tetrachloroethylene	ND	ND	ND	ND	2 J	5
Ethylbenzene	**210 E**	**200**	ND	ND	ND	5
M & P-XYLENE	**300**	**300**	ND	ND	ND	10
O-XYLENE	**130**	**130**	ND	ND	ND	5
Styrene	4 J	4 J	ND	ND	ND	5
Isopropylbenzene	**25**	**23**	ND	ND	ND	5
n-Propylbenzene	**14**	**13**	ND	ND	ND	5
1,3,5-Trimethylbenzene	**52**	**49**	ND	ND	ND	5
1,2,4-Trimethylbenzene	**160**	**150**	ND	ND	ND	5
4-Isopropyltoluene	**9**	**8**	ND	ND	ND	5
n-Butylbenzene	2 J	ND	ND	ND	ND	5
Naphthalene	**580** E	**500** E	ND	3 JB	ND	10

Table 6
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-5	MW-6	MW-7	MW-8	MW-9	NYSDEC
Screen Depth (ft)	5 - 15	5 - 15	7 -17	7 - 17	5 - 20	TOGS
Sample Date	01/04/06	01/03/06	01/03/06	01/03/06	01/04/06	Groundwater
Lab Idenification Number	60100038	60100029	60100029	60100029	60100038	Criteria
Volatile Organic Compounds (ug/l)						
Acetone	ND	**96 B**	17 JB	20 JB	ND	50
Carbon Disulfide	ND	ND	ND	ND	ND	60
Methylene Chloride	2 JB	3 JB	3 JB	3 JB	2 JB	5
Acrylonitrile	ND	ND	ND	ND	2 J	5
Methyl-Tert-Butyl-Ether	4 J	ND	ND	2 JB	ND	10
2-Butanone-(MEK)	4 JB	10 J	7 J	5 J	8 JB	NS
Chloroform	4 J	4 J	ND	1 J	ND	7
Benzene	**2 J**	**4 J**	ND	ND	ND	1
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	4 J	NS
Toluene	ND	1 J	ND	ND	ND	5
2-Hexanone	ND	ND	5 J	ND	6 JB	50
Tetrachloroethylene	ND	ND	ND	4 J	ND	5
Ethylbenzene	ND	ND	ND	2 J	ND	5
M & P-XYLENE	ND	4 J	ND	6 J	ND	10
O-XYLENE	ND	4 J	ND	4 J	ND	5
Styrene	ND	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	ND	5
n-Propylbenzene	ND	ND	ND	1 J	ND	5
1,3,5-Trimethylbenzene	ND	1 J	ND	4 J	ND	5
1,2,4-Trimethylbenzene	ND	**5**	ND	**13**	ND	5
4-Isopropyltoluene	ND	ND	ND	ND	ND	5
n-Butylbenzene	ND	ND	ND	ND	ND	5
Naphthalene	2 J	**23** B	1 JB	8 B	2 J	10

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS Groundwater Criteria
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) JB - Indicates an estimated value and the analyte was found in the blank
(5) J - Indicates an estimated value
(6) E - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis

Table 7
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-1	MW-1D	MW-2	MW-3	MW-4	NYSDEC
Screen Depth (ft)	4 - 24	4 - 24	7 - 17	7 - 17	7 - 17	TOGS
Sample Date	01/04/06	01/04/06	01/04/06	01/03/06	01/03/06	Groundwater
Lab Idenification Number	60100038	60100038	60100038	60100029	60100029	Criteria
Semivolatile Organic Compounds (ug/l)						
Phenol	420	380	ND	ND	ND	NS
3&4-Methyl Phenol	250	240	ND	ND	ND	NS
Naphthalene	**240**	**350**	ND	ND	ND	10
2-Methylnaphthalene	65	81	ND	ND	ND	NS
Acenapthene	**28**	**39**	ND	ND	ND	20
Dibenzofuran	ND	ND	ND	ND	ND	NS
Fluorene	13	19	ND	ND	ND	50
Phenanthrene	19	24	ND	ND	ND	50
Anthracene	6	7	ND	ND	ND	50
Fluoranthene	3 J	3 J	ND	ND	ND	50
Pyrene	5 J	4 J	ND	ND	ND	50
Benzo(a)anthracene	**2 J**	**2 J**	ND	ND	ND	0.002
Chrysene	**1 J**	**1 J**	ND	ND	ND	0.002
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	5

Table 7
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-5	MW-6	MW-7	MW-8	MW-9	NYSDEC
Screen Depth (ft)	5 - 15	5 - 15	7 -17	7 - 17	5 - 20	TOGS
Sample Date	01/04/06	01/03/06	01/03/06	01/03/06	01/04/06	Groundwater
Lab Idenification Number	60100038	60100029	60100029	60100029	60100038	Criteria
Semivolatile Organic Compounds (ug/l)						
Phenol	ND	ND	ND	ND	ND	NS
3&4-Methyl Phenol	ND	ND	ND	ND	ND	NS
Naphthalene	ND	**12**	ND	ND	ND	10
2-Methylnaphthalene	ND	8	ND	ND	ND	NS
Acenapthene	ND	8	ND	ND	ND	20
Dibenzofuran	ND	3 J	ND	ND	ND	NS
Fluorene	ND	3 J	ND	ND	ND	50
Phenanthrene	ND	3 J	ND	ND	ND	50
Anthracene	ND	ND	ND	ND	ND	50
Fluoranthene	ND	ND	ND	ND	ND	50
Pyrene	ND	ND	ND	ND	ND	50
Benzo(a)anthracene	ND	ND	ND	ND	ND	0.002
Chrysene	ND	ND	ND	ND	ND	0.002
bis(2-Ethylhexyl)phthalate	ND	1 J	ND	ND	ND	5

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS Groundwater Criteria
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) J - Indicates an estimated value

Table 8
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-1	MW-1D	MW-2	MW-3	MW-4	NYSDEC
Screen Depth (ft)	4 - 24	4 - 24	7 - 17	7 - 17	7 - 17	TOGS
Sample Date	01/04/06	01/04/06	01/04/06	01/03/06	01/03/06	Groundwater
Lab Idenification Number	60100038	60100038	60100038	60100029	60100029	Criteria
TAL Metals (mg/l)						
Aluminum	2.59	0.892	3.00	1.85	0.327	NS
Barium	**1.29**	**1.28**	0.0863	**0.132**	0.0654	0.1
Arsenic	**0.0919**	**0.0869**	ND	ND	ND	0.025
Chromium	0.0110	0.00642	0.00965	0.00868	ND	0.05
Calcium	1130	1120	172	147	292	NS
Copper	0.0333	0.0241	0.0214	0.0125	0.00714	0.2
Iron	**3.94**	**2.12**	**5.08**	**3.74** B1	**1.37** B1	0.3
Magnesium	**140**	**140**	**330**	**185**	**129**	35
Lead	**0.0490**	**0.0362**	**0.0668**	0.0168	ND	0.025
Manganese	0.0969	0.0756	**0.524**	**1.92**	**0.686**	0.3
Mercury	0.000216	ND	**0.00363**	ND	ND	0.0007
Potassium	308	306	141	59.8	41.5	NS
Sodium	**2150**	**2150**	**1560**	**1240**	**836**	20
Zinc	0.141	0.124	0.143	0.0993	0.0817	2
Vanadium	ND	ND	ND	ND	ND	NS

Table 8
Levine Property Site Investigation
Groundwater Sample Results

Monitoring Well Number	MW-5	MW-6	MW-7	MW-8	MW-9	NYSDEC
Screen Depth (ft)	5 - 15	5 - 15	7 -17	7 - 17	5 - 20	TOGS
Sample Date	01/04/06	01/03/06	01/03/06	01/03/06	01/04/06	Groundwater
Lab Idenification Number	60100038	60100029	60100029	60100029	60100038	Criteria
TAL Metals (mg/l)						
Aluminum	19.4	12.2	13.3	1.92 M1	ND	NS
Barium	**0.199**	0.0991	0.0893	**0.243**	0.0886	0.1
Arsenic	ND	0.0149	ND	ND	ND	0.025
Chromium	0.0439	0.0268	0.0222	0.00731	ND	0.05
Calcium	73.1	48.5	231	196	222	NS
Copper	0.0592	0.0403	0.0240	0.00733	ND	0.2
Iron	**39.0**	**19.8** B1	**20.2** B1	**4.49** B1	**0.562**	0.3
Magnesium	23.8	3.70	**49.0**	26.4	**556**	35
Lead	0.0604	**0.0752**	**0.0404**	ND	ND	0.025
Manganese	**3.22**	0.283	**4.92**	**5.60** MHA	0.0301	0.3
Mercury	ND	0.000220	0.000204	ND	ND	0.0007
Potassium	22.2	25.0	26.0	18.3	256	NS
Sodium	**203**	**59.8**	**131**	**1600**	**2680**	20
Zinc	0.114	0.407	0.0942	ND	ND	2
Vanadium	0.0574	0.0692	ND	ND	ND	NS

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS Groundwater Criteria.
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the mthod blank.
(5) I - Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
(6) M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
(7) MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.