314348

THE ROGERS PARK SUB-SHOP
EAST PARCEL

SITE INVESTIGATION REPORT

Prepared for

THE PEOPLES GAS
LIGHT and COKE COMPANY

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PROJECT NO. 27194

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EXECUTIVE SUMMARY

In conformance with the Illinois Environmental Protection Agency (Illinois EPA) Site Remediation Program (SRP), The Peoples Gas Light and Coke Company (Peoples Gas) contracted Burns & McDonnell to perform a Site Investigation (SI) of the Rogers Park Sub Shop Property East Parcel (site) in Chicago, Illinois. This report summarizes SI activities and presents SI findings.

Peoples Gas currently owns a 10.2-acre parcel of land located at 6659 North Kedzie Avenue in Chicago, Illinois referred to as the Rogers Park Sub-Shop Facility (formerly referred to as the North Shore Avenue Station). The North Shore Avenue Station has recently been subdivided into the following three (3) Parcels:

- The East Parcel, approximately 3 acres in size, is a vacant lot, covered by vegetation and an unused paved entrance to the property. The address for the East Parcel has recently been changed to 6712 N. Whipple.
- The southwest central portion of the property, referred to as the Pond Parcel, is approximately 1.8 acres in size, and currently consists of vacant land and a parking lot. An investigation and remediation have been conducted on this Parcel and the results are presented in a separate SI Report and Remediation Objectives Report/Remedial Action Plan/Remedial Action Completion Report (ROR/RAP/RACR), respectively. The Pond Parcel SI Report was approved by the Illinois EPA in November 2001.
- The northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel. The Main Parcel is currently used as the North District Sub-Shop for Natural Gas Service and Distribution activities by Peoples Gas. Supporting activities, including a parking lot, a vehicle repair garage, a fleet fueling area and a gas heater are present on the Main Parcel. An investigation and remediation have been conducted on the Main Parcel and the results of the investigation are presented in a separate SI Report. The Main Parcel SI Report was approved by the Illinois EPA in December 2001.

The East Parcel, as described above, is the subject of the investigation described in this SI report. Other than a portion of one structure (a transformer house that contained several transformers), no other structures of any kind are known to have occupied the East Parcel.

In 1926, the North Shore Avenue Station began operating as a storage facility for manufactured and natural gas. A 15-million cubic foot gas holder stored manufactured and natural gas until it was dismantled in 1971. The gas holder was tar sealed until mid-1956 when the sealant was changed to oil. The gas holder was disconnected and purged in 1969. Most tar tanks along the holder and the gas holder were removed in 1971. A transformer house was the only former gas plant structure located on the East Parcel.

Burns & McDonnell completed SI field activities on all of the Parcels in May and June 2001. Previous SI field activities were conducted on the Parcels by Roy F. Weston (Weston) on December 6, 1999 through

January 14, 2000 and July 12 through 14, 2000, and by Carnow, Conibear & Associates, Ltd. (CCA) on March 1, 2001. Thirty-two (32) soil borings, (two of which were converted to monitoring wells), were advanced, two (2) trenches were dug and five (5) surficial soil samples were collected from the combined SI field events. Soil samples were collected from various depths, delivered to an analytical laboratory and analyzed for:

- Target Compound List (TCL) volatile organic compounds (VOCs), or benzene, toluene, ethylbenzene, xylenes (BTEX);
- TCL semi-volatile organic compounds (SVOCs), or polynuclear aromatic hydrocarbons (PAHs);
- Resource Conservation and Recovery Act (RCRA) or priority pollutant metals and/or cyanide; and,
- Pecticides and polychlorinated biphenyls (PCBs).

Certain soil samples were also analyzed for Synthetic Precipitation Leaching Procedure (SPLP) lead, barium, cadmium, chromium, mercury and silver. Physical soil testing was also conducted. Groundwater samples were collected from five (5) monitoring wells on June 22, 2001. A total of five (5) groundwater samples were collected and analyzed for TCL VOCs, PAHs, RCRA metals, and total cyanide.

The following stratigraphic units, listed in descending order, were identified at the site: fill and silt/clay units. The fill consisted primarily of silt and sand with smaller amounts of clay, gravel, sand and bricks. Underlying the fill unit is a native silty clay unit presumably the Wadsworth Till Member of the Wedron Formation or the Carmi Member of the Equality Formation. The silty clay unit contains trace amounts of sand. The silty clay unit was encountered in all soil borings across the site to the depth of boring termination.

Exposure pathways identified for evaluation included soil ingestion, soil inhalation, soil migration to Class II groundwater, and ingestion of Class II groundwater. A Tier 1 screening, in accordance with the Tiered Approach to Corrective Action Objectives (TACO), as specified in 35 IAC Part 742, was conducted to evaluate a residential population exposure. No compounds exceed the soil inhalation exposure route screening levels. Exceedences of Tier 1 screening values for benzo(a)anthracene, benzo(b)fluoranthrene, benzo(a)pyrene, dibenzo(a,h)anthracene, and indeno[1,2,3-cd]pyrene and arsenic for the soil ingestion exposure route were identified in limited shallow soil samples. However, arsenic was shown to be statistically below the Metropolitan Statistical Area (MSA) background value for that constituent and therefore, is not a concern at the site. Exceedences of Tier 1 screening values for barium and chromium for the soil migration to groundwater exposure route were detected in two (2) surface soil samples. During SI field activities, no odors or staining were noted in surface and subsurface soils. No groundwater samples exceeded the Tier 1 screening levels for the ingestion of Class II groundwater exposure pathway.

The overall objective of the SI was to evaluate surface soil, subsurface soil, and groundwater; and to identify potential constituents of concern on the East Parcel. The objectives were accomplished. Areas of

the site that exceed Tier 1 screening levels will be further evaluated in a forthcoming Remediation Objectives Report /Remedial Action Plan (ROR/RAP).

1.0 SITE CHARACTERIZATION

In conformance with the Illinois Environmental Protection Agency (Illinois EPA) Site Remediation Program (SRP), defined in Chapter 35 of the Illinois Administrative Code (IAC), Subtitle G, Waste Disposal, Chapter I: Pollution Control Board, Part 740, The Peoples Gas Light and Coke Company (Peoples Gas) contracted Burns & McDonnell to perform a Site Investigation (SI) of the Rogers Park Sub Shop Property East Parcel (site) in Chicago, Illinois. This report summarizes SI activities and presents SI findings.

Peoples Gas currently owns a 10.2-acre parcel of land located at 6659 North Kedzie Avenue in Chicago, Illinois referred to as the Rogers Park Sub Shop Facility (formerly referred to as the North Shore Avenue Station). A site location map is presented as Figure 1. The North Shore Avenue Station has recently been subdivided into the following three (3) Parcels:

- The East Parcel, approximately 3 acres in size, is a vacant lot, covered by vegetation and an unused paved entrance to the property. The address of the East Parcel has recently been changed to 6712 N. Whipple.
- The southwest central portion of the property, referred to as the Pond Parcel, is approximately 1.8 acres in size, and currently consists of vacant land and a parking lot. An investigation and remediation have been conducted on this Parcel and the results are presented in a separate SI Report and Remediation Objectives Report/Remedial Action Plan/Remedial Action Completion Report (ROR/RAP/RACR), respectively. The Pond Parcel SI Report was approved by the Illinois EPA in November 2001.
- The northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel. The Main Parcel is currently used as the North District Sub-Shop for Natural Gas Service and Distribution activities by Peoples Gas. Supporting activities, including a parking lot, a vehicle repair garage, a fleet fueling area and a gas heater are also present on the Main Parcel. An investigation and remediation have been conducted on the Main Parcel and the results of the investigation are presented in a separate SI Report. The Main Parcel SI Report was approved by the Illinois EPA in December 2001.

The East Parcel, as described above, is the subject of the investigation described in this SI report. Other than a portion of one structure (a transformer house that contained several transformers), no other structures of any kind are known to have occupied the East Parcel.

1.1 PAST INVESTIGATIONS AND SOURCES CONSULTED OR REVIEWED

The following document, prepared by others, was reviewed:

- *Preliminary Site Investigation – North Shore Avenue Station Gas Storage Facility – Chicago, Illinois* was prepared by Hanson Engineers Incorporated (HEI) for Peoples Gas dated July 1992. The objective of the HEI investigation was to determine if there is a potential for impacts associated with

the former North Shore Avenue Station. The investigation encompassed the entire 10.2 acres (the East, Main and Pond Parcels). The investigation included a review of the environmental setting, historical documents provided by Peoples Gas, Sanborn maps, a water well survey and advancement of two (2) soil borings within the Main Parcel. The report concluded original gas plant buildings remain at the site and that no municipal wells are located within a one-mile radius per the Illinois EPA.

In addition to site investigation activities conducted by Burns & McDonnell, Roy F. Weston (Weston) and Carnow, Conibear & Associates, Ltd. (CCA) also collected and analyzed soil and/or groundwater samples from the East Parcel in 1999, 2000 and 2001. The results of these investigations (boring logs, analytical results, etc.) are included as part of this SI Report. Appendix A contains a Preliminary Phase II Environmental Site Assessment, prepared by CCA in March 2001.

1.2 SITE HISTORY

Site history was researched as specified in 35 IAC, Part 740and is presented as prescribed by "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", ASTM E1527-00.

In 1926, the site (Main, East and Pond Parcels) began operating as the North Shore Avenue Station, a storage facility for manufactured and natural gas. A 15-million cubic foot gas holder, on the west side of the property, stored manufactured and natural gas until it was dismantled in 1971. The gas holder was tar sealed until mid-1956 when the sealant was changed to oil. The gas holder was temporarily out of service between April and July 1956 when the holder was repaired and the sealant changed. The interior of the gas holder was steam cleaned and placed back in service July 18, 1956. A total of 40,000-gallons of tar was removed from two (2) 12,000 gallon buried tar tanks, the northwest holder invert and the tar dam and pump weirs at this time. A total of 152,600 gallons of tar was removed from the base of the gas holder and unspecified locations around the gas holder. The gas holder was disconnected and purged in 1969. Most tar tanks along the holder and the gas holder were removed in 1971. Specifications called for the removal of the gas holder and concrete pad, the settling tank, both oil underground storage tanks (USTs) and seven (7) of thirteen (13) tar collections from the property. It is unclear what was to happen with the other six (6) tar tanks. The only structure associated with the original facility that was located on the East Parcel is a transformer house that contained a 1,000 gallon capacity transformer and smaller transformers. No other structures are known to have occupied the East Parcel. The approximate location of the former transformer house is shown in Figure 2.

Burns & McDonnell obtained the fire insurance maps (Sanborn Maps) for the former North Shore Avenue Station from Environmental Data Resources. Appendix B contains Sanborn Maps of the East Parcel from 1975, 1986, 1991, and 1993. The Sanborn Maps were reviewed to obtain information about the history of development at and adjoining the East Parcel. The date and source of each Sanborn Map and the observations noted during the reviews are summarized in the paragraphs below:

1975 - The East Parcel is depicted as unimproved land. The surrounding area to the west is labeled as The Peoples Gas Light and Coke and contains four buildings labeled "Meter Building", "Shop Building", "Compressor" and "Garage". The surrounding area to the south and east are depicted as unimproved land and residential.

1986, 1991 and 1993 - The East Parcel contains a small transformer unit, but the surrounding areas resemble the conditions depicted in the 1975 Sanborn map.

Burns & McDonnell obtained and reviewed historic aerial photographs from Chicago Aerial Photo Service (CAPS) for the years 1940, 1955, 1963, and 1975. The aerial photographs were reviewed to obtain information about the history of development on and in the vicinity of the East Parcel. A copy of the aerial photographs are included in Appendix B. The date and source of each photograph and the observations noted during the reviews are summarized in the paragraphs below:

1940 - The area south of the East Parcel (the South Parcel) appears to be developed with several small structures along the northwest third. The Main and Pond Parcels are developed with a circular structure resembling a gas holder. Pictured to the northeast of the gas holder (on the Main Parcel) is a structure resembling the current office/storage building on the site. The surrounding area to the west is pictured as unimproved land with the North Shore Canal running north and south. The surrounding area to the south is pictured as undeveloped residential blocks. The surrounding area to the east of the East Parcel appears to be a residential development. The East Parcel is undeveloped land.

1955 - The East Parcel and surrounding areas resemble the conditions pictured in the 1940 photograph with the exception of the following: a large structure (resembling the former CP Clare Corporation) is pictured to the north of the Peoples Gas Main and East Parcels; and additional residential structures are pictured to the south and east of the East Parcel.

1963 -The East Parcel and surrounding areas resemble the conditions pictured in the 1955 photograph with the exception of an additional structure pictured adjacent to the north of the Pond Parcel on the Peoples Gas Main Parcel.

1975 - The East Parcel resembles the conditions pictured in the 1963 photograph with the exception of the gas holder structure which is no longer pictured, however the outline of the holder is visible. The surrounding area to the east, west and south resemble the conditions pictured in the 1963 photograph.

1.3 SITE DESCRIPTION

1.3.1 Site Location and Legal Description

The East Parcel is located approximately 1,000 feet northwest of the intersection of Albion Avenue and Whipple Street in Cook County, Chicago, Illinois (Figure 2). The East Parcel is approximately 3 acres in size and its legal description is as follows:

PARCEL 1:
LOT 15 (EXCEPT THE NORTH 16 FEET THEREOF), ALL OF LOTS 16 TO 27 AND LOT 28 (EXCEPT THE SOUTH 16 FEET THEREOF) IN SALINGER AND HUBBARD'S SECOND ADDITION TO ROGERS PARK IN THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING NORTH OF THE INDIAN BOUNDARY LINE, IN COOK COUNTY, ILLINOIS.

PARCEL 2:
ALL THAT PART OF VACATED NORTH SHORE AVENUE LYING SOUTH OF AND ADJOINING LOT 19 AND THE SOUTH LINE OF SAID LOT 19 PRODUCED WEST TO THE WEST LINE OF NORTH AND SOUTH ALLEY LYING WEST AND ADJOINING THE WEST LINE OF SAID LOT 19 AND LYING NORTH AND ADJOINING THE NORTH LINE OF LOT 20 AND THE NORTH LINE OF SAID LOT 20 PRODUCED WEST TO THE WEST LINE OF NORTH AND SOUTH ALLEY WEST AND ADJOINING THE WEST LINE OF SAID LOT 20 IN SALINGER AND HUBBARD'S SECOND ADDITION TO ROGERS PARK IN THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING NORTH OF THE INDIAN BOUNDARY LINE, IN COOK COUNTY, ILLINOIS.

PARCEL 3:
THAT PART OF LOT 2 IN SUBDIVISION OF WEST HALF (BY AREA) OF SOUTHWEST FRACTIONAL QUARTER OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDAN IN COOK COUNTY, ILLINOIS LYING NORTH OF THE INDIAN BOUNDARY LINE, TOGETHER WITH THE 33 FEET EAST OF AND ADJOINING LOT 2 AFORESAID, EXTENDING FROM THE NORTH LINE OF SAID LOT 2 EXTENDED EAST, TO THE SOUTH LINE OF SAID LOT 2 EXTENDED EAST; FURTHER DESCRIBED AS FOLLOWS: BEGINNING AT THE INTERSECTION OF THE EAST LINE OF THE 33 FEET EAST OF AND ADJOINING LOT 2 AND THE SOUTH LINE OF LOT 2 EXTENDED EAST THENCE SOUTH 89°51'56" WEST, 135.77 FEET, THENCE NORTH 02°40'47" EAST, 489.77 FEET; THENCE NORTH 89°51'56" EAST, 134.84 FEET TO THE SAID EAST LINE OF THE 33 FEET EAST OF AND ADJOINING LOT 2; THENCE SOUTH 02°34'16" WEST ON SAID EAST LINE OF THE 33 FEET EAST OF AND ADJOINING LOT 2, 489.72 FEET TO THE POINT OF BEGINNING.

1.3.2 Site Physiography and Topography

The site is bounded to the north by existing and planned residential property; to the west by the Main Parcel of the Rogers Park Sub-Shop property, which is used as a reporting facility for field personnel for Peoples Gas; to the south by the South Parcel, which is vacant and has recently been sold by Peoples Gas; and to the east by Whipple Street (Figure 3). The East Parcel is located in Section 36 of Township 41

North, Range 13 East. Presently, the East Parcel is vacant land and covered with vegetation and an unused paved entrance to the property. The entire Rogers Park Sub-Shop property is fenced.

According to the United States Geological Survey 7.5-Minute Quadrangle topographic (1993), the site is at an elevation of approximately 595 feet above mean sea level and is mostly flat. Urban infrastructure including paved sidewalks, streets and parking lots, building structures and sewer systems predominantly control local surface water flow.

1.3.3 Potential Migration Pathways and Exposure Routes

Potential migration pathways and exposure routes identified at the site include leaching of potential constituents of concern into subsurface water bearing unit(s), and direct ingestion or inhalation of near surface constituents of concern. The site is mostly covered with vegetation. All three (3) Illinois EPA exposure routes (soil ingestion, soil inhalation, and groundwater ingestion) will be evaluated. The groundwater ingestion exposure route (Class II) includes the soil migration to groundwater component and the direct ingestion component.

1.3.4 Geological Information Review

Burns & McDonnell reviewed several published documents in an effort to understand the regional geological setting in the area of the site. The Geologic Map of Illinois (Willman 1967) indicates that bedrock beneath the site is Silurian Dolomite. Based on this map, the approximate depth below ground surface (bgs) to the bedrock surface is generally greater than 50 feet and glacial deposits overlie bedrock. *The Quaternary Deposits of Illinois* (Lineback 1979) map indicates that the surface soil at the site is the Wadsworth Till Member of the Wedron Formation, which is described as mostly gray clayey and silty clayey till with few pebbles and cobbles and is more clayey near Lake Michigan than to the south and west. The Wadsworth Till Member is described as clayey gray tills. *Thickness of Glacial Drift in Illinois* contained in the publication entitled *Glacial Drift in Illinois: Thickness and Character* (Piskin 1975) identifies the glacial drift layer to be up to 100 feet thick.

The publication entitled *Stack Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters* (Berg and Kempton 1988) indicates that site soils consist of continuous deposits of the Dolton member of the Equality Formation less than 20 feet thick, overlying discontinuous deposits less than 20 feet thick of the silty Carmi member of the Equality Formation, overlying clay deposits of the Wedron Formation between 20 to 50 feet bgs. *Plate 1: Land Burial of Municipal Wastes* and *Plate 2: Surface and Near-Surface Waste Disposal* contained in the publication entitled *Potential for Contamination of Shallow Aquifers in Illinois* (Berg and Kempton 1984) rate the aquifer susceptibility for the site as B1 and C1, respectively. The areas with B1 for land burial and C1 for surface and near surface waste disposal ratings are in the immediate vicinity of the site and are surrounded by a large area with aquifer susceptibility ratings of E and D2, respectively. For land burial of municipal wastes, a rating of B1 suggests sand and gravel less than 20 feet thick over relatively impermeable till or bedrock and E suggests uniform, relatively impermeable silty or clayey till at least 50-feet thick and no evidence of interbedded sand and gravel. For surface and near-surface waste disposal, a rating of C1 suggests sand and gravel less than 20

feet thick over relatively impermeable till or bedrock and D2 suggests uniform, relatively impermeable silty or clayey till at least 20 feet thick and no evidence of interbedded sand and gravel. These aquifer ratings suggest that land burial of municipal waste and surface and near surface waste disposal exhibit an intermediate likelihood of impacting shallow groundwater aquifers beneath the site.

1.3.5 Hydrogeology

The City of Chicago had a groundwater ordinance that prohibits the use of groundwater for consumption within the city limits. The ordinance was inadvertently repealed and will be re-established in the near future. Also, according to the HEI report, there are no identified active groundwater wells within one mile of the site.

The *Summary of the Geology of the Chicago Area* (Willman 1971) describes shallow groundwater in the Chicago area as being limited to sand and gravel horizons in unconsolidated soil and fractured bedrock aquifers. The unconsolidated materials in this area consist primarily of clay with isolated lenses of sand material and are not considered aquifers. In the Chicagoland area, bedrock aquifers are found within Silurian, Ordovician and Cambrian formations, which are greater than 50 feet bgs. Precipitation and surface seepage recharge shallow groundwater aquifers in the Chicagoland area. The publication entitled *Potential for Contamination of Shallow Aquifers in Illinois* provides estimated hydraulic conductivity values of typical geological materials in Illinois. Geological materials encountered at the site include silty sand, silt and clay. Estimated hydraulic conductivity values for these soil types are as follows:

- Silty sand 1×10^{-5} to 1×10^{-3} cm/sec
- Silt 1×10^{-6} to 1×10^{-4} cm/sec
- Clay till 1×10^{-9} to 1×10^{-7} cm/sec

1.3.6 Current Use of the Site and Surrounding Areas

The East Parcel is currently vacant, but maintains a drive for additional entrance into the Rogers Park Sub-Shop Facility and is zoned for restricted manufactured use (M-1) and single-family residence (R-2). A map of zoning for the site and surrounding areas is presented in Figure 3. Surrounding properties consist of residences to the east and south, undeveloped land, the North Shore Channel, and the Main Parcel of the facility to the west and planned residential development to the north. The Chicago City limits are located directly west of the Main Parcel, beyond Kedzie Avenue.

1.3.7 Future Use of the Site and Surrounding Areas

The East Parcel is currently a vacant lot, covered by vegetation and an unused paved entrance to the property. The future use of the East parcel is expected to be residential. The area surrounding the site is currently used for residential, commercial, and business purposes. Future plans for the surrounding area are unknown; however, they are not believed to change.

1.3.8 Meteorology

Weather in the area of the site is continental in nature with cold, dry winters and warm, humid summers. Short duration, relatively large magnitude changes in temperature, humidity, precipitation, and wind direction are common. Annual mean weather conditions are as follows:

- Precipitation 37.2 Inches
- Temperature 51.8 Degrees Fahrenheit
- Last Spring Freeze April 9
- First Fall Freeze Oct. 28

Average temperatures are warmest during the month of July at 75.4 degrees Fahrenheit and coolest during the month of January at 24.7 degrees Fahrenheit. Precipitation varies from a low of 1.5 inches in February to a high of 4.1 inches in June. Snowfall occurs mostly between late October and early April. Highest snowfall accumulation occurs in February, which has an average total monthly snowfall of 10 inches.

Wind direction is usually from the south, southwest, or west. Wind in the area of the site is from the south, southwest, or west direction approximately 47.1 percent of the time. The most common wind direction is south, which occurs 11.9 percent of the time. Mean wind speed in the prominent wind direction (south) is 10.6 miles per hour.

2.0 SITE SPECIFIC SAMPLING PLAN

SI field activities were performed in accordance with Illinois EPA approved methods. SI field activities were performed by Burns & McDonnell in May and June 2001. Previous SI field activities were conducted by Weston on December 6, 1999 through January 14, 2000 and July 12 through 14, 2000, and by CCA on March 1, 2001. (Appendix A). Tables 1 and 2 present surface and subsurface soil sample identifications and analyses conducted. Table 3 presents the groundwater elevations measured in June 2001. Table 4 presents the groundwater sample identifications and analyses performed. Table 5 presents the physical soil testing performed.

2.1 SOIL BORING SAMPLING PROCEDURES

Thirty-two (32) soil borings, (two (2) of which were converted to monitoring wells), were advanced, two (2) trenches were dug, and five (5) surficial soil samples were collected during the SIs. Twelve (12) borings were advanced to a depth of approximately 11 feet bgs. One (1) boring was advanced to a depth of 26 feet bgs. Two (2) borings were advanced to a depth of 18 feet bgs. The remaining borings were advanced to a depth of 15 feet bgs. Two (2) trenches were dug to a depth of approximately 8 feet bgs. Figure 4 shows the soil boring and trench locations. Burns & McDonnell and CCA collected surface and subsurface soil samples from boring locations using direct push sampling equipment. Boring locations were sampled using 4-foot long, 1.5-inch diameter stainless steel sample tubes with acetate liners. Weston collected surface and subsurface soil samples from boring locations using a truck-mounted drill rig. Weston used 3.25-inch or 4.25-inch inside diameter hollow-stem augers using a 2-foot split-spoon sampler. Each sample interval was field screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID). Weston collected five (5) surficial soil samples using dedicated disposable polyethylene scoops. Soil cuttings generated during sampling activities were collected in 5-gallon buckets and were disposed of as a special waste.

A stainless steel knife was used to facilitate sample collection from each acetate liner. Surface vegetation and/or carryover material from previous sampling intervals were removed before sampling. Soil samples were picked up from the site by an analytical laboratory and analyzed for at least one of the following parameters: Target Compound List (TCL) VOCs and semi-volatile organic compounds (SVOCs), benzene, toluene, ethylbenzene, xylenes (BTEX), polynuclear aromatic hydrocarbons (PAHs), priority pollutant or Resource Conservation and Recovery Act (RCRA) metals, total cyanide, and Synthetic Precipitate Leaching Procedure (SPLP) barium, cadmium, chromium, lead, mercury and silver and physical properties. Soil samples to be analyzed for VOCs were collected as soon after sample retrieval as possible in accordance with SW-846 Method 5035 using the following Powerstop Handle™ sampling procedures:

- An EasyDraw Syringe™ was inserted into the Powerstop Handle™.
- The EasyDraw Syringe™ was then pushed into a freshly exposed surface of soil until the syringe was full.

- The syringe was then removed from the handle and its contents inserted into pre-preserved 40-milliliter vial(s).

Soil samples to be analyzed for metals, cyanide and SVOCs were collected after collecting VOC samples. Samples were taken directly from the acetate liner and placed securely in clean sampling jars. All soil samples were designated with a unique identifier and were placed in a cooler, packed with ice, and hand delivered to a subcontracted laboratory under proper chain-of-custody procedures.

Visual observations of soil type and condition were recorded on boring log forms (Appendix C). Field classification noted principal and minor constituents, observed moisture (if any), soil color, soil texture and PID readings. If observed, signs of impacts to the soil were also recorded.

After completion of soil probing activities, approximate locations were measured. Soil boring holes were backfilled to the ground surface with bentonite chips.

2.2 SURFACE SOIL INVESTIGATION

A total of forty-three (43) surface soil samples were collected during the Burns & McDonnell, CCA, and Weston investigations to characterize surface conditions at the site. Samples were obtained from within the upper 3 feet of the soil horizon. Figure 4 presents soil boring/trench locations and shows the distribution on an approximate grid within the East Parcel. Table 1 presents the surface soil sample depths and associated chemical and physical test data, respectively. The following subsections describe the sampling locations, depths and chemical and physical analyses performed on surface soil samples.

2.2.1 Surface Soil Sample Location and Depth

Surface soil samples were collected from varying depths within the upper three feet of the site soil horizon. A total of forty-three (43) surface soil samples were collected during the field activities. Specifically, five (5) surface soil samples were collected and analyzed from the 0 to 1.0 foot depth interval, six (6) surface soil samples were collected and analyzed from the 0.5 to 1.0 foot depth interval, eight (8) samples were collected and analyzed from the 1 to 2 foot depth interval, and seven (7) samples were collected and analyzed from the 2 to 3 foot depth interval. All seventeen (17) surface soil sample results from CCA were collected and analyzed from the 1 to 3 foot depth interval.

2.2.2 Chemical Analyses

Tables 6 and 7 present the analytical results and corresponding sample depths. Seven (7) surface soil samples were analyzed for BTEX, PAHs, RCRA metals, and cyanide. Four (4) samples were analyzed for BTEX, PAHs, RCRA metals, SPLP lead, and cyanide. Six (6) surface soil samples were analyzed for BTEX, PAHs, RCRA metals, cyanide, and SPLP metals. Four (4) surface soil samples collected from the 0.5 to 1.0 foot interval were analyzed for polychlorinated biphenyls (PCBs). TCL VOCs, TCL SVOCs, PAHs, and RCRA metals were analyzed for in three (3) samples. One (1) surface soil sample was for TCL VOCs, TCL SVOCs, PAHs, RCRA metals, pesticides, and PCBs. Four (4) surface soil samples

were collected for TCL VOCs, PAHs, and RCRA metals. A total of ten (10) surface soil samples were analyzed for PAHs and RCRA metals. Two (2) surface soil samples were analyzed for TCL SVOCs, PAHs, and RCRA metals. In addition, one (1) surface soil sample was analyzed for TCL SVOCs, PAHs, RCRA metals, pesticides, and PCBs.

2.2.3 Physical Testing

Table 5 presents the tests performed on each soil sample and the depth of each sample. Physical laboratory tests were performed on one (1) surface soil sample collected from soil boring RPM-SB58-003. The soil sample was tested for soil pH, moisture content and percent organic matter.

2.3 SUBSURFACE SOIL INVESTIGATION

A total of thirty-two (32) subsurface soil samples were collected to characterize subsurface conditions at the site. Samples were obtained from 3 to 10 feet bgs. Figure 4 presents soil boring/ trench locations and shows the distribution on an approximate grid. Appendix C presents soil boring log forms that summarize these observations. Table 2 presents the subsurface soil depths and associated chemical and physical test data, respectively. The following subsections describe sampling locations, depths and chemical and physical analyses performed on subsurface soil samples.

2.3.1 Subsurface Soil Sample Location and Depth

Thirty-two (32) subsurface soil samples were collected: ten (10) from the 3 to 5 foot depth interval, two (2) from the 4 to 6 foot depth interval, six (6) from the 6 to 8 foot depth interval, one (1) from the 8 to 9 foot depth interval and thirteen (13) from the 8 to 10 foot depth interval.

2.3.2 Chemical Analyses

Tables 6 and 7 present the analytical results and corresponding sample depths. Eleven (11) subsurface soil samples were analyzed for BTEX, PAHs, RCRA metals, and cyanide. Two (2) subsurface soil samples were analyzed for BTEX, PAHs, RCRA metals, cyanide, and SPLP metals. Two (2) subsurface soil samples were analyzed for TCL VOCs, TCL SVOCs, PAHs, and RCRA metals. Six (6) subsurface soil samples were analyzed for PAHs and priority pollutant metals. Three (3) samples were analyzed for PAHs only. In addition, two (2) samples were analyzed for PAHs and RCRA metals. Only one (1) subsurface soil sample was analyzed for TCL VOCs, PAHs, and RCRA metals. In addition, two (2) subsurface soil samples were analyzed for BTEX and PAHs. Two (2) samples were analyzed for TCL VOCs, PAHs, RCRA metals, PCBs, and pesticides.

2.3.3 Physical Testing

Table 5 presents the physical test data results and corresponding sample depth. Physical laboratory tests were performed on subsurface soil samples collected from RPM-SB050-003. The sample from RPM-SB050-003 was tested for soil pH, total solids (moisture content), and percent organic matter.

2.4 GROUNDWATER INVESTIGATION

Burns & McDonnell sampled five (5) monitoring wells across the entire site, including Main, East, Pond, and South Parcels. Samples were collected on June 22, 2001. This sampling event is intended to represent shallow groundwater conditions on all Parcels. Table 8 presents the groundwater analytical results across the entire site. Shallow groundwater in the area appears to be the result of perched conditions (no continuous aquifer was observed). Limited pockets of sand that "pinched out" close to the wells was observed. The locations of the wells with respect to the East Parcel are shown in Figure 3. MW01 and MW02 are located on the East Parcel, MW03 and MW04 are located on the South Parcel and MW05 was located on the Pond Parcel.

2.4.1 Groundwater Sampling Procedures

Prior to sampling, the groundwater elevation was measured at each monitoring well. Table 3 presents the groundwater elevations measured on June 22, 2001. Each monitoring well was purged of approximately three well volumes of water. After purging, the monitoring wells were sampled using a peristaltic pump with dedicated tubing.

2.4.2 Chemical Analyses

Table 8 presents the analytical groundwater results. Five (5) samples were collected during this SI. All groundwater samples were analyzed for TCL VOCs, PAHs, RCRA metals, and total cyanide.

3.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section presents field observations made during SI activities and presents surface and subsurface soil sampling and analytical results.

3.1 SITE GEOLOGY

Site geology was characterized during advancement of the soil borings discussed in Section 2.0. Visual observations and soil characteristics were recorded on soil boring log forms. Appendix C contains copies of the soil boring log forms. The following primary stratigraphic units, listed in descending order, were identified at the East Parcel: fill and silty clay units. Sandy silt and sand were observed in one of the borings to a depth of 3 feet. The following subsections describe each of the stratigraphic units.

3.1.1 Fill Unit

The East Parcel contains 0 to 3 feet of fill material, primarily 0.5 feet of overlying topsoil. The fill consists primarily of silt and sand with smaller amounts of clay, gravel, sand and bricks.

3.1.2 Silty Clay Unit

Underlying the fill unit is a native silty clay unit, presumably the Wadsworth Till Member of the Wedron Formation or the Carmi Member of the Equality Formation. The top of the silt/clay unit was encountered from 0.5 feet to 3 feet bgs. The silty clay unit contains trace amounts of sand. The silty clay unit was encountered in all soil borings across the site to the depth of boring termination.

3.2 SITE HYDROGEOLOGY

During SI field activities, water was not encountered in any of the Burns & McDonnell borings. Since water was not encountered, aquifer yield tests (slug or pump tests) were not performed. Existing groundwater monitoring wells, installed as part of the Weston investigation, were sampled and found to have a depth to groundwater of 7 to 10.5 feet bgs. According to CCA, the static water level was approximately 6 to 8 feet bgs during drilling activities. No water table was encountered during Burns & McDonnell and Weston investigations. The CCA investigation was conducted in March, which may account for higher groundwater due to precipitation during the spring season.

Recharge is expected to be local and most likely depends on infiltration of incidental precipitation. Therefore, shallow groundwater is most likely the result of pockets of perched groundwater.

3.3 AREAS OF IMPACT

During SI field activities, no odors were noted in surface or subsurface soils. Soil intervals were screened with a PID as described in section 2.1. No PID readings were observed within any of the sample intervals. No evidence of source material or visual staining was observed during sampling activities. Therefore, no areas of impact were identified.

3.4 PRESENTATION OF ANALYTICAL RESULTS

This section summarizes visual observations and soil sample analytical results form the Burns & McDonnell, Weston and CCA field investigations. In addition, this section summarizes the groundwater sample results obtained by Burns & McDonnell. Information presented herein is based on field observations and chemical and physical analyses/testing of soil samples. Tables 5, 6 and 7 summarize soil sample physical test data and chemical analytical results, respectively. Table 8 summarizes the groundwater laboratory analytical results.

STAT Analysis Corporation (STAT), Chicago, Illinois, was the analytical laboratory that performed sample analyses for Burns & McDonnell. STAT also reduced and validated analytical results in accordance with approved Illinois EPA SRP analytical laboratory procedures. The *Rogers Park Sub Shop East Parcel Site Investigation Sampling Data* book (Burns & McDonnell, August 2001) contains a complete set of laboratory analytical result data sheets, data validation memoranda and summary tables of validated data. AEA Laboratories, Inc. of Chicago, Illinois performed CCA sample analyses. Weston sample analyses were performed by STAT of Chicago, Illinois and Severn Trent Laboratories (STL) of University Park, Illinois.

Analytical results are presented in the following categories:

- Surface soil results;
- Subsurface soil results; and
- Groundwater results.

3.4.1 Surface Soil Analytical Results

This section summarizes surface soil analytical results. Surface soil samples are defined as all samples collected between 0 and 3 feet bgs.

3.4.1.1 Surface Soil VOCs

VOC constituents were not detected in twelve (12) of the twenty-five (25) surface soil samples analyzed for VOCs. Acetone, which is a common laboratory contaminant, was detected at low concentrations in four (4) surface soil samples. Detected concentrations of acetone ranged from 0.013 mg/kg to 0.037 mg/kg. Toluene was detected at a low concentration in one (1) sample. Benzene was detected at low concentrations in six (6) samples ranging from 0.002 mg/kg to 0.066 mg/kg. Trichloroethene was detected in one (1) sample at a concentration of 0.006 mg/kg. Xylenes were detected at low concentrations in one (1) sample.

3.4.1.2 Surface Soil SVOCs

SVOC constituents were not detected in thirteen (13) of the thirty-eight (38) surface soil samples analyzed for SVOCs. Of the remaining samples where one or more SVOC was observed, individual SVOC concentrations ranged from non detect to 2.22 mg/kg. The most frequently detected SVOCs were the PAHs. In general, SVOC concentrations decrease with depth within the surface soil horizon. That is,

the majority of detected concentrations were observed in the top 1 foot of the soil horizon, and then decreased to only a few locations at the 2 to 3 foot depth interval.

The following bullets summarize detected concentrations:

- Acenaphthene: 1.01 mg/kg;
- Acenaphthylene: 0.038 mg/kg to 0.050 mg/kg;
- Anthracene: 0.001 mg/kg to 2.75 mg/kg;
- Benzo(a)anthracene: 0.002 mg/kg to 5.55 mg/kg;
- Benzo(b)fluoranthene: 0.003 mg/kg to 5.69 mg/kg;
- Benzo(k)fluoranthene: 0.001 mg/kg to 3.92 mg/kg;
- Benzo(g,h,i)perylene: 0.0021 mg/kg to 2.54 mg/kg;
- Benzo(a)pyrene: 0.002 mg/kg to 4.94 mg/kg;
- Chrysene: 0.001 mg/kg to 7.06 mg/kg;
- Dibenzo(a,h)anthracene: 0.007 mg/kg to 1.71 mg/kg;
- Fluoranthene: 0.002 mg/kg to 9.65 mg/kg;
- Fluorene: 0.56 mg/kg to 1.12 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.002 mg/kg to 2.86 mg/kg;
- Naphthalene: 0.011 mg/kg to 2.06 mg/kg;
- Phenanthrene: 0.002 mg/kg to 7.05 mg/kg; and
- Pyrene: 0.009 mg/kg to 8.01 mg/kg.

3.4.1.3 Surface Soil RCRA Metals and Cyanide

Arsenic, barium, chromium and total lead were detected in all surface soil samples analyzed for metals. Cadmium was detected in two (2) samples. Mercury was observed in five (5) of the thirty-seven (37) surface soil samples analyzed for metals. Total cyanide, selenium and silver were not detected in any of the samples.

The following bullets summarize detected concentrations:

- Arsenic: 0.785 mg/kg to 23.3 mg/kg, with the majority of the concentrations being below 13 mg/kg;
- Barium: 16.4 mg/kg to 124 mg/kg;
- Cadmium: 0.706 mg/kg to 2.11 mg/kg;
- Chromium: 4.75 mg/kg to 23.4 mg/kg
- Lead: 3.3 mg/kg to 88.6 mg/kg;
- Mercury: 0.045 to 0.506 mg/kg; and
- Selenium: 0.53 mg/kg to 1.1 mg/kg.

3.4.1.4 Surface Soil SPLP Metals

All surface soil samples analyzed for SPLP silver, selenium, and cadmium were non detects. SPLP mercury and chromium only had one (1) detected value out of six (6). SPLP barium was detected in seven (7) surface soil samples and ranged from 0.009 mg/kg to 5.94 mg/kg. Six (6) surface soil samples had SPLP lead detections that ranged from 0.007 mg/kg to 0.046 mg/kg.

3.4.1.5 Surface Soil Pesticides and PCBs

Pesticides and PCBs were not detected in the surface soil samples analyzed, as shown on Table 7. Six (6) surface soil samples were analyzed for PCBs, with none detected, and one (1) surface soil sample was analyzed for pesticides, with none detected.

3.4.1.6 Surface Soil Physical Data Results

One surface soil sample from the RPM-SB58-003 location (0.5 to 1.0 ft depth interval) was submitted for testing of physical characteristics. The results, shown in Table 5, are as follows:

- Soil pH 8.42;
- Organic matter 2.92 percent; and
- Moisture content 15.75 percent.

3.4.2 Subsurface Soil Analytical Results

This section summarizes subsurface soil analytical results. Subsurface soil samples are defined as samples collected from 3 to 10 feet bgs.

3.4.2.1 Subsurface Soil VOCs

VOC constituents were not detected in sixteen (16) of the nineteen (19) subsurface soil samples analyzed for VOCs. Acetone, which is a common laboratory contaminant, was detected at a low concentration in one (1) subsurface soil sample. Benzene was detected in one (1) subsurface soil sample at a concentration of 0.002 mg/kg.

3.4.2.2 Subsurface Soil SVOCs

SVOC constituents were not detected in twenty-six (26) of the thirty-one (31) subsurface soil samples. The most frequently detected SVOC constituents were the PAHs.

The following bullets summarize detected concentrations:

- Anthracene: 0.000862 mg/kg to 0.04 mg/kg;
- Benzo(a)anthracene: 0.002 mg/kg to 0.126 mg/kg;
- Benzo(b)fluoranthene: 0.003 mg/kg to 0.174 mg/kg;
- Benzo(k)fluoranthene: 0.0019 mg/kg to 0.78 mg/kg;
- Benzo(g,h,i)perylene: 0.179 mg/kg;
- Benzo(a)pyrene: 0.00187 mg/kg to 0.133 mg/kg;

- Chrysene: 0.00103 mg/kg to 0.162 mg/kg;
- Dibenzo(a,h)anthracene: 0.0063 mg/kg to 0.0342 mg/kg;
- Fluoranthene: 0.001 mg/kg to 0.211 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.0695 mg/kg;
- Naphthalene: 0.0273 mg/kg;
- Phenanthrene: 0.00127 mg/kg to 0.0894 mg/kg; and
- Pyrene: 0.224 mg/kg.

3.4.2.3 Subsurface Soil RCRA Metals and Cyanide

Cyanide was not detected in any of the samples. Antimony and cadmium were detected in at least one (1) subsurface soil sample. Mercury, silver, selenium, and thallium were detected in three (3) samples or less. Beryllium, copper, nickel, and zinc were detected in six (6) samples. Copper was detected in eight (8) subsurface soil samples. Arsenic, barium, chromium, and lead were detected in all subsurface soil samples.

The following bullets summarize maximum detected concentrations:

- Antimony: 1.40 mg/kg;
- Arsenic: 22.4 mg/kg;
- Barium: 62.4 mg/kg;
- Beryllium: 0.83 mg/kg;
- Cadmium: 0.14 mg/kg;
- Chromium: 24.7 mg/kg;
- Copper: 30.8 mg/kg;
- Lead: 19.9 mg/kg;
- Mercury: 0.109 mg/kg;
- Nickel: 31.5 mg/kg;
- Selenium: 0.60 mg/kg;
- Silver: 16.2 mg/kg;
- Thallium: 1.0 mg/kg; and
- Zinc: 57.9 mg/kg.

3.4.2.4 Subsurface Soil SPLP Metals

Both subsurface soil samples analyzed for SPLP mercury, silver and cadmium were non detects. SPLP barium, chromium, and lead were detected in both samples. SPLP barium concentrations ranged from 1.12 mg/kg to 1.14 mg/kg. SPLP chromium concentrations ranged from 0.018 mg/kg to 0.025 mg/kg. SPLP lead concentrations ranged from 0.008 mg/kg to 0.010 mg/kg.

3.4.2.5 Subsurface Soil Pesticides and PCBs

Pesticides and PCBs were not detected in the subsurface soil samples analyzed, as shown on Table 7. Two (2) subsurface soil samples were analyzed for PCBs and pesticides, but none were detected.

3.4.2.6 Subsurface Soil Physical Data Results

Two (2) subsurface soil samples were tested for physical characteristics. RPM-SB50-003, from the 3 to 5 foot depth interval, was tested for moisture content, pH and organic matter. The results are as follows:

- Soil pH 8.78;
- Organic matter 2.91 percent; and
- Moisture content 18.31 percent.

A sample from the RPM-SB39-004 was collected from the 7 to 8 foot depth interval from the Main Parcel and was analyzed for moisture content, wet and dry soil density, and hydraulic conductivity. Based on field observations, the sample is representative of the East Parcel. The results, shown on Table 5, are as follows:

- Moisture content 26.7 percent;
- West soil density 2.24 g/cm^3;
- Dry soil density 1.77 g/cm^3; and
- Hydraulic conductivity 3.0 x 10^{-9} cm/sec.

Note that while these samples were not necessarily collected directly from the East Parcel, the limits of the East Parcel were not defined at the time of the investigation. The site soils, geology, and hydrogeology are consistent between the Parcels and should be representative.

3.4.3 Groundwater Analytical Results

This section summarizes the groundwater analytical results obtained during this SI. A total of five (5) samples were collected. The wells are all on or within the vicinity of the East Parcel.

3.4.3.1 Groundwater VOCs

No VOC constituents were detected in any of the samples.

3.4.3.2 Groundwater SVOCs

SVOC constituents were not detected in four (4) of the five (5) groundwater samples. The groundwater samples were analyzed for PAHs. Naphthalene and fluorene were detected in sample RPM-MW005-002 at concentrations of 0.009 mg/L and 0.003 mg/L, respectively.

3.4.3.3 Groundwater RCRA Metals and Cyanide

Barium was detected in all five (5) groundwater samples. Cyanide was detected in four (4) samples. Arsenic, cadmium, chromium, lead, mercury, selenium, and silver were not detected in any of the samples.

The following bullets summarize detected concentrations:

- Barium: 0.016 to 0.022 mg/L;
- Total Cyanide: 0.015 to 0.365 mg/L.

4.0 ENDANGERMENT ASSESSMENT

As presented in Section 1.0, the current use of the East Parcel is vacant land, and the intended future use of the Parcel is residential. The potential migration pathways and exposure routes identified at the site include leaching of potential constituents of concern into the subsurface water bearing unit(s) and direct ingestion or inhalation of near surface constituents of concern. The site is vegetated and paved, but all three Illinois EPA exposure routes (soil ingestion, soil inhalation and groundwater ingestion) will be evaluated. The groundwater ingestion exposure route consists of the soil migration to groundwater and the ingestion of groundwater components.

4.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

No areas of source material or visual staining were identified on the East Parcel. Limited surface impacts were observed at varying degrees in shallow soil samples and no impacts were found in subsurface soils.

4.2 IDENTIFICATION AND EVALUATION OF EXPOSURE ROUTES

This section compares analytical data results from the East Parcel to the Illinois EPA Tier 1 screening levels, regulated in Chapter 35 of the IAC, Subtitle G, Chapter I, Part 742, entitled Tiered Approach to Corrective Action Objectives (TACO). The Illinois EPA developed a three-tiered procedure for evaluating data and developing site remediation objectives based on risks to human health and future site use (Illinois EPA 2001). The first tier, Tier 1, compares measured concentrations of constituents to established screening levels. Tier 1screening levels are based on conservative assumptions and have no site-specific information factored in their development.

The East Parcel is currently surrounded by a fence and is an open field covered with vegetation and an entrance. Future use of the East Parcel is residential development. Therefore, the Tier 1 screening presented herein, was performed for residential properties.

In this Tier 1 screening, soil data collected during the Burns & McDonnell, Weston and CCA site investigation activities were evaluated. Soil data was screened against published values for three separate exposure routes by a residential population: 1) soil ingestion, 2) soil inhalation, and 3) soil migration to Class II groundwater. Groundwater data from the site is compared to Tier 1 screening levels for Class II groundwater ingestion. The Tier 1 screening tables (including the Burns & McDonnell, CCA and Weston data) for the three soil exposure routes are presented in Tables 9, 10, and 11. The Tier 1 screening table (including the Burns & McDonnell data) for the Class II groundwater ingestion exposure route is presented in Table 12.

4.2.1 Soil Ingestion Exposure Route

The Tier 1 soil ingestion exposure route was evaluated using all soil samples collected from between 0 and 3 feet bgs. Table 9 presents the soil data and the Tier 1 screening levels for soil ingestion by a residential population. The surface soil samples that were analyzed for pesticides and PCBs are not

included in Table 9, because all constituents were non-detect, and the detection limits were well below the applicable Tier 1 screening levels. Metropolitan Statistical Area (MSA) background, rather than the Tier 1 soil ingestion screening level, was used as the screening level for arsenic, as allowed in 35 IAC Part 742.415.

Of thirty-eight (38) soil samples screened, sixteen (16) soil samples exceeded Tier 1 screening levels for at least one constituent. No VOC screening levels were exceeded. Benzo(a)anthracene, benzo(b)fluroanthrene, benzo(a)pyrene, dibenzo(a,h)anthracene, and indeno[1,2,3-cd]pyrene were the SVOCs that exceeded Tier 1 screening levels in a limited number of samples. These constituents are PAHs. The majority of the exceedences were in samples collected from the top two feet or less of soil. Two (2) surface soil samples exceeded the Tier 1 screening levels for PAHs at the depth of 2-3 feet bgs. Arsenic was the only inorganic constituent that exceeded the Tier 1 screening levels. Arsenic slightly exceeded the screening level in twelve (12) locations at depths less than 3 feet bgs.

4.2.2 Soil Inhalation Exposure Route

The Tier 1 inhalation exposure route was evaluated using soil samples collected from 0 to 10 feet bgs or above the water table, whichever was less. Table 10 presents data screened against Tier 1 screening levels. Of sixty-nine (69) samples screened, no soil samples exceeded the Tier 1 screening levels for the inhalation exposure route.

4.2.3 Soil Migration to Groundwater Exposure Route

The Tier 1 soil migration to groundwater exposure route was evaluated using all soil samples collected from above the water table or 0 to 10 feet bgs, if a water table level was not established. Based on a review of the data and the soil boring logs, the presence of a continuous shallow aquifer has not been established at the East Parcel. Weston reported difficulty in collecting groundwater samples from the two (2) monitoring wells (MW01 and MW02) due to slow recharge. Weston also had difficulty obtaining static water level readings, due to the slow rate of recharge. However, assuming that the groundwater was continuous and not the result of perched conditions, the unconfined water beneath the site does not meet the definition of a Class I aquifer, as defined in 35 IAC, Subtitle F, Chapter I, Part 620 – Groundwater Quality, Section 210. The water table is located less than 10 feet bgs and the hydraulic conductivity is less than 1×10^{-4}. Additionally, grain size testing performed on the silty clay, typical of the site, supports this conclusion because approximately 27-percent of the soil was composed of fines passing through a No. 200 sieve. At best, the water would be considered a Class II source of groundwater, as defined in the regulations. Therefore, as a conservative approach, soil analytical results from all samples collected from above the water table were compared to screening levels pertaining to Class II groundwater.

Toxicity criteria in Appendix B, Table A of TACO for metals and cyanide are only applicable to TCLP or SPLP data, and analyses were for total concentrations for many of the constituents/samples. Therefore, pH-dependent Tier 1 screening values were used for metals (Appendix B, Table D of TACO), unless TCLP and/or SPLP data was obtained. Measured values for pH ranged from 8.42 to 8.78. Appendix B, Table D of TACO presents values for pHs up to 9.0 for metals and cyanide and was used to screen

inorganics unless SPLP data was available. Because no pH-dependent Tier 1 screening value was available for chromium in Class II groundwater, the Class I groundwater screening value was selected for chromium. Additionally, no pH-dependent Tier 1 screening values were available for barium, beryllium, cadmium, copper, lead, mercury, nickel, silver, or zinc. Therefore, SPLP data was obtained for select samples for barium, cadmium, chromium, lead, mercury and silver. Also, comparisons to MSA background were made for these constituents. Table 11 presents the soil migration to groundwater screening results.

No pH dependent Tier 1 screening value is available for lead. The background concentrations for lead, presented for counties within metropolitan statistical areas (MSA) in Appendix A, Table G of TACO is 36 mg/kg. The site is currently zoned for restricted manufacturing use. Because the future use of the site is for residential development, the published MSA background concentration will not be used as the Tier 1 screening value for this pathway. However, several of the samples were analyzed for SPLP lead. Therefore, lead was screened against the corresponding toxicity criteria in Table A, Appendix B of TACO, and not the published background value in Appendix A, Table G of TACO. None of the samples analyzed for SPLP lead exceeded the Tier 1 screening level of 0.1 mg/l.

Of the sixty-nine (69) samples screened, the measured concentration of SPLP barium exceeds the applicable screening level of 2 mg/L for two (2) samples at depths of 3 feet bgs or less. One (1) of the soil samples collected by Weston also exceeded for total chromium screening level (based on pH and migration to Class I groundwater) at a depth of 3 to 5 feet bgs. Samples collected as part of the Burns & McDonnell investigation were within the same areas as the samples collected as part of the Weston investigation. The Weston data that exceeded the Tier 1 screening value for chromium was not analyzed for TCLP or SPLP chromium. Had the TCLP and/or SPLP analyses been performed on the Weston samples, the result would most likely have been below the Tier 1 screening level based on similar results on other soil samples collect at the site. Moreover, only a select number of samples were analyzed for SPLP metals. Based on all of these samples passing the Tier 1 screening level for all SPLP metals except barium, no further evaluation of metals, except barium, is required.

4.2.4 Groundwater Exposure Route

Tier 1 screening levels were evaluated for the groundwater ingestion exposure route using Class II screening levels. Table 12 presents the groundwater ingestion screening. Of the five (5) groundwater samples collected for this SI, no samples exceeded the Class II screening levels for the groundwater ingestion exposure route.

4.3 FATE AND TRANSPORT OF CONSTITUENTS OF CONCERN

This section presents a qualitative evaluation of potential constituent migration pathways and describes the environmental behavior of constituents that exceeded Tier 1 screening levels. Factors that influence constituent migration include location of impacted soil and degree of concentration, geological and hydrogeologic conditions and physical and chemical characteristics. This section, which is based on

criteria discussed in the preceding sections, focuses on constituents and the respective measured concentrations that exceed Tier 1 screening levels.

4.3.1 Potential Source Areas

No potential source areas were identified at the site.

4.3.2 Potential Migration Pathways

The site is covered with vegetation. Infiltration of incidental precipitation would be the only transport mechanism to the subsurface.

4.3.3 Environmental Behavior of Constituents of Interest

Constituents of interest detected at the site are grouped into two basic categories: PAHs and metals. The following subsections describe how chemical properties of the compounds effect the behavior and distribution of the compounds in the environment.

4.3.3.1 PAH Constituents

PAHs are a class of organic compounds formed during incomplete combustion or pyrolysis of organic material containing carbon and hydrogen (USEPA 1985). PAHs generally have the following characteristics (ATSDR 1995):

- Multi-ringed aromatic organic compounds with densities greater than water.
- Low solubility in water.
- Low vapor pressures, explaining low volatility.
- Generally, low Henry's Law constants (also explains low solubility in water).
- High partition coefficients, explaining affinity for organic matter.
- Relatively low mobility, indicating these compounds are generally immobile.

Their low water solubility, low volatility and high affinity for binding to particulate or organic matter (ATSDR 1995) primarily define the environmental fate of PAHs. Dispersion is the primary transport mechanism of PAHs throughout the subsurface. Advective transport, or leaching, of PAHs is likely to be limited because of low water solubility and high soil adsorptivity of PAHs. The high affinity of PAHs to bind to organic matter and soil means that the occurrence of these contaminants in groundwater is expected to be limited (ATSDR 1995).

4.3.3.2 Metal Constituents

Metals in soils are not expected to be very mobile because they form water-insoluble salts and are unable to form soluble complexes with humic and fulvic materials. However, under acidic conditions, some water-insoluble metal compounds may become soluble and move back into groundwater (USEPA 1984).

4.4 ARSENIC IN SOIL

The statistical 95 percent upper confidence limit (UCL) was calculated for arsenic using the analytical results obtained from the sixty-four (64) soil samples collected from the site. The duplicate was not included in the calculation. The 95 UCL provides a conservative estimate of the mean concentration. The 95 UCL of the mean for the lognormal distribution sample data set was determined by the following equation (Gilbert, 1987):

$$UCL = \exp\left(\bar{y} + 0.5\ S_y\text{^}2 + \frac{S_y + H_{1-\alpha}}{\sqrt{n-1}}\right)$$

exp = e raise to the indicated power

$\bar{y}$ = mean of the log e- transformed data

Sy = standard deviation of the log e –transformed data

n = number of monitoring sample

a = significance level (0.05)

H = H value

The 95 UCL for arsenic was calculated to be 12.17 mg/kg. This is below the TACO MSA concentration (13 mg/kg) for arsenic. Therefore, arsenic at the site is eliminated from further consideration.

5.0 CONCLUSIONS

The overall objective of the Rogers Park Sub Shop East Parcel SI was to evaluate surface and subsurface soils and identify potential constituents of concern. If constituents of concern are identified, the nature and extent of impacted areas was to be defined.

5.1 SUFFICIENCY OF DATA

The objectives of the SI for the East Parcel were met and the nature and extent of impacted areas were defined to the extent practicable.

5.2 RECOMMENDATIONS FOR FURTHER INVESTIGATION

Based on the results of the SI, there are no source areas at the site and limited impacts were identified in very shallow soils. The 95 UCL for arsenic was calculated to be 12.17 mg/kg. This is below the TACO MSA concentration (13 mg/kg) for arsenic. Therefore, arsenic at the site is eliminated from further consideration. Due to the measured concentrations of SPLP barium obtained from near surface soils on the East Parcel and the limited presence of certain SVOC constituents (PAHs), further evaluation is warranted.

A Remedial Objectives Report (ROR) will be developed to evaluate the presence of SPLP barium and PAHs in shallow soils. A Remedial Action Plan (RAP) will be prepared to address the PAH and SPLP barium results.

6.0 REFERENCES

1. Berg, Richard C. and Kempton, John P., 1984. *Potential for Contamination of Shallow Aquifers from Land Burial of Municipal Wastes.* State of Illinois. Illinois Department of Energy and Natural Resources; Illinois State Geological Survey.

2. Berg, Richard C. and Kempton, John P., 1988. *Stack-Unit Mapping of Geologic Materials in Illinois.* State of Illinois. Illinois Department of Energy and Natural Resources; Illinois State Geological Survey.

3. Burns & McDonnell, 2001. *Rogers Park Sub Shop East Parcel Site Investigation Data Book.* December.

4. Carnow, Conibear & Associates, Ltd., 2001. *Phase II Environmental Site Assessment Conducted on Proposed Boone School.* March.

5. Hanson Engineers Incorporated, 1992. *Preliminary Site Investigation North Shore Avenue Station Gas Storage Facility; Chicago, Illinois.*

6. Illinois EPA, 2001. *Tiered Approach to Corrective Action Objectives (TACO),* Part 742: Title 35.

7. Lineback, Jerry. 1979. *Quaternary Deposits of Illinois.* State of Illinois. Institute of Natural Resources. Illinois State Geological Survey.

8. Piskin, Kemal and Bergstrom Robert E. 1975. *Glacial Drift in Illinois Thickness and Character, Circular 490.* State of Illinois. Department of Registration and Education.

9. Roy F. Weston, 2000. *Comprehensive Site Investigation Report, The Peoples Gas Light and Coke Company Rogers Park Sub-Shop Property, East Parcel, 6659 North Kedzie Avenue Chicago, Illinois.*

10. United States Geological Survey 7.5-Minute Quadrangle Map for the Evanston and Chicago Loop, Illinois Quadrangles (1993).

11. Willman, H.B., 1967. *Geologic Map of Illinois.* State of Illinois. Department of Registration and Education.

12. Willman, H.B., 1971. *Summary of the Geology of the Chicago Area, Circular 460.* State of Illinois. Department of Registration and Education.

Tables
Rogers Park East Parcel

Table 1 Surface Soil Samples Collected for Chemical Analysis Rogers Park East Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB48-001	2-3	Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Polynuclear Aromatic Hydrocarbons (PAHs), Resource Conservation and Recover Act (RCRA) metals, and Cyanide
RPM-SB49-001	1-2	BTEX, PAHs, RCRA metals, cyanide, and Synthetic Precipitation Leaching Procedure (SPLP) lead
RPM-SB50-001	0-1	BTEX, PAHs, RCRA metals, cyanide, and SPLP lead
RPM-SB50-002	2-3	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
RPM-SB51-001	0-1	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB52-001	1-2	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB53-001	1-2	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
RPM-SB54-001	0-1	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB54-002	2-3	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB55-001	0-1	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
RPM-SB55-002	2-3	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB56-001	0-1	BTEX, PAHs, RCRA metals, cyanide, and SPLP lead
RPM-SB56-002	1-2	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
RPM-SB56-003	2-3	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
RPM-SB57-001	1-2	BTEX, PAHs, RCRA metals, cyanide, and SPLP lead
RPM-SB58-001	2-3	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB58-003	0.5-1	Total solids (moisture content), pH, and fraction organic carbon (FOC)

Table 1 Surface Soil Samples Collected for Chemical Analysis Rogers Park East Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB59-001	1-2	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
SS-01	0.5 – 1	Polychlorinated Biphenols (PCBs)
SS-02	0.5 – 1	PCBs
SS-03	0.5 – 1	PCBs
SS-04 (Duplicate of SS-03)	0.5 – 1	PCBs
SS-05	0.5 – 1	Targeted Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semi-Volatile Organic Compounds (SVOCs), PAHs, and RCRA Metals
B-01	1-2	TCL VOCs, TCL SVOCs, PAHs, RCRA Metals, Pesticides, and PCBs
MW-02	1-2	TCL VOCs, TCL SVOCs, PAHs, and RCRA Metals
TR-01	2-3	TCL VOCs, TCL SVOCs, PAHs, and RCRA Metals
PBS-B1	1-3	TCL VOCs, PAHs, and RCRA Metals
PBS-B2	1-3	PAHs and RCRA Metals
PBS-B3	1-3	PAHs and RCRA Metals
PBS-B4	1-3	TCL SVOCs, PAHs, RCRA Metals, PCBs, and Pesticides
PBS-B5	1-3	PAHs and RCRA Metals

Table 1 Surface Soil Samples Collected for Chemical Analysis Rogers Park East Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
PBS-B6	1-3	PAHs and RCRA Metals
PBS-B7	1-3	TCL VOCs, PAHs and RCRA Metals
PBS-B8	1-3	PAHs and RCRA Metals
PBS-B9	1-3	PAHs and RCRA Metals
PBS-B10	1-3	PAHs and RCRA Metals
PBS-B11	1-3	TCL SVOCs, PAHs, and RCRA Metals
PBS-B12	1-3	PAHs and RCRA Metals
PBS-B13	1-3	TCL VOCs, PAHs, and RCRA Metals
PBS-B14	1-3	PAHs and RCRA Metals
PBS-B15	1-3	PAHs and RCRA Metals
PBS-B16	1-3	TCL VOCs, PAHs, and RCRA Metals
PBS-B17	1-3	TCL SVOCs, PAHs, and RCRA Metals

Table 2 Subsurface Soil Samples Collected for Chemical Analysis Rogers Park East Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB48-002	8-10	Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Polynuclear Aromatic Hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals, and cyanide
RPM-SB49-002	3-5	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB50-003	3-5	Total solids (moisture content), pH, and fraction organic carbon (FOC)
RPM-SB50-004	8-10	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB51-002	3-5	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB52-002	8-10	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB53-002	3-5	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB54-003	3-5	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB55-003	3-5	BTEX, PAHs, RCRA metals, cyanide, and Synthetic Precipitation Leaching Procedure (SPLP) metals
RPM-SB56-004	3-5	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB56-005	8-10	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB57-002	8-10	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB58-002	8-10	BTEX, PAHs, RCRA metals, and cyanide
RPM-SB59-002	3-5	BTEX, PAHs, RCRA metals, cyanide, and SPLP metals
B-101	4-6	PAHs and Priority Pollutant Metals
MW-01	8-10	TCL VOCs, TCL SVOCs, PAHs, and RCRA Metals
MW-101	8-10	PAHs and Priority Pollutant Metals

Table 2 Subsurface Soil Samples Collected for Chemical Analysis Rogers Park East Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
MW-102	3-5	PAHs and Priority Pollutant Metals
TR-101	3-5	PAHs and Priority Pollutant Metals
TR-02	8-9	TCL VOCs, TCL SVOCs, PAHs, and RCRA Metals
TR-102	8-10	PAHs and Priority Pollutant Metals
TR-102 (Duplicate)	8-10	PAHs and Priority Pollutant Metals
PBS-B2	6-8	PAHs and RCRA Metals
PBS-B3	4-6	PAHs and RCRA Metals
PBS-B7	6-8	BTEX and PAHs
PBS-B8	8-10	BTEX and PAHs
PBS-B9	6-8	TCL VOCs, PAHs, and RCRA Metals
PBS-B10	8-10	PAHs
PBS-B13	6-8	PAHs
PBS-B15	6-8	PAHs
PBS-B16	8-10	TCL VOCs, PAHs, RCRA Metals, PCBs, and Pesticides
PBS-B17	6-8	TCL VOCs, PAHs, RCRA Metals, PCBs, and Pesticides

Table 3
Groundwater Elevations
Rogers Park East Parcel

Monitoring Well Number	Date	Relative Well Elevation (feet)	Depth to Water bgs (feet)	Relative Groundwater Elevation (feet)
MW01	06/22/01	85.60	1.78	83.82
MW02	06/22/01	89.09	0.47	88.62
MW03	06/22/01	92.88	3.09	89.79
MW04	06/22/01	85.54	7.18	78.36
MW05	06/22/01	98.00	1.95	96.05

NOTES:
bgs - below ground surface

Table 4 Groundwater Sample Analyses Rogers Park East Parcel	
Sample Number	**Analyses**
MW01	TCL volatile organic compounds (VOCs), Polynuclear aromatic hydrocarbons (PAHs), RCRA metals and cyanide
MW02	TCL VOCs, PAHs, RCRA metals and cyanide
MW03	TCL VOCs, PAHs, RCRA metals and cyanide
MW04	TCL VOCs, PAHs, RCRA metals and cyanide
MW05	TCL VOCs, PAHs, RCRA metals and cyanide

Table 5
Soil Physical Testing Results
Rogers Park East Parcel

Physical Test	Sample Location and Depth (feet below ground surface)		
	RPM-SB50-003 3-5'	RPM-SB58-003 0.5-1'	RPM -SB39-004* 7-8'
Grain Size (% passing #200 sieve)	NA	NA	26.7%
pH	8.78	8.42	--
Organic Matter	2.91%	2.92%	--
Moisture Content	18.31%	15.75%	26.7%
Wet Soil Density	NA	NA	2.24
Dry Soil Density	NA	NA	1.77
Hydraulic Conductivity (cm/sec)	NA	NA	3.00E-09

NOTES:

*The sample was collected from the main parcel at Rogers Park.

NA - Not Analyzed

Wet/Dry Soil Density - ASTM D2937

Hydraulic Conductivity - ASTM D5084

pH - Method 9045C

Organic Matter - ASTM 2974-87C

Moisture Content - ASTM-2216

Table 6
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.008 J
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	0.025 U	0.025 U	0.050	0.025 U	0.025 U
Benzo[a]anthracene	0.025 U	0.025 U	0.234	0.025 U	0.025 U
Benzo[b]fluoranthene	0.025 U	0.025 U	0.365	0.025 U	0.030
Benzo[k]fluoranthene	0.025 U	0.025 U	0.160	0.025 U	0.025 U
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.079	0.025 U	0.025 U
Benzo[a]pyrene	0.025 U	0.025 U	0.208	0.025 U	0.025 U
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.365	0.025 U	0.029
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.085	0.025 U	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.436	0.025 U	0.036
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.097	0.025 U	0.025 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.025 U	0.216	0.025 U	0.025 U
Pyrene	0.025 U	0.025 U	0.349	0.025 U	0.031
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	0.785	4.87	3.58	2.59	5.48
Barium	121.0	20.90	31.40	29.20	80.90
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	4.75	13.00	9.55	11.00	19.80
Copper	NA	NA	NA	NA	NA
Lead	3.30	9.55	37.30	6.36	40.50
Mercury	0.040 U	0.040 U	0.13	0.040 U	0.072
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.10
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	0.019	NA	0.007
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
	WT~NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.016	0.005 U	0.005 UJ
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	13.80	5.84	5.24	3.77	6.32
Barium	42.50	45.40	64.10	45.40	57.40
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	22.10	18.30	19.30	18.50	20.50
Copper	NA	NA	NA	NA	NA
Lead	19.90	12.40	28.40	12.70	20.70
Mercury	0.040 U	0.040 U	0.045	0.040 U	0.040 U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	0.81	NA	NA	NA	NA
SPLP Cadmium	0.005 U	NA	NA	NA	NA
SPLP Chromium	0.010 U	NA	NA	NA	NA
SPLP Lead	0.009	NA	NA	NA	NA
SPLP Mercury	0.0005 U	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	0.010 U	NA	NA	NA	NA

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT ~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002	0.002 U	0.002	0.002
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	0.043	0.025 U
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	0.062	0.025 U
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	0.035	0.025 U
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	0.036	0.025 U
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.025 U	0.062	0.025 U
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.025 U	0.102	0.025 U
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.025 U	0.025 U	0.045	0.025 U
Pyrene	0.025 U	0.025 U	0.025 U	0.086	0.025 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	7.19	5.18	22.40	16.60	10.30
Barium	51.10	68.60	53.30	32.80	24.80
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	20.50	23.40	19.20	7.84	8.42
Copper	NA	NA	NA	NA	NA
Lead	13.20	26.60	19.90	17.50	11.20
Mercury	0.040 U	0.058	0.040 U	0.040 U	0.040 U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	5.94	NA	NA	NA
SPLP Cadmium	NA	0.005 U	NA	NA	NA
SPLP Chromium	NA	0.01 U	NA	NA	NA
SPLP Lead	NA	0.046	NA	NA	NA
SPLP Mercury	NA	0.0005	NA	NA	NA
SPLP Selenium	NA	1.0 UJ	NA	NA	NA
SPLP Silver	NA	0.01 U	NA	NA	NA

NOTES:

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(3) NA - Not Analyzed

(4) WT~ n' bgs - Water Table approximately n feet below ground surface

(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	0.025 U	0.027	0.025 U	0.025 U	0.027
Benzo[a]anthracene	0.025 U	0.124	0.025 U	0.025 U	0.145
Benzo[b]fluoranthene	0.025 U	0.099	0.025 U	0.025 U	0.121
Benzo[k]fluoranthene	0.025 U	0.075	0.025 U	0.025 U	0.119
Benzo[g,h,i]perylene	0.025 U	0.040	0.025 U	0.025 U	0.052
Benzo[a]pyrene	0.025 U	0.099	0.025 U	0.025 U	0.142
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.178	0.025 U	0.025 U	0.231
Dibenzo[a,h]anthracene	0.025 U	0.027	0.025 U	0.025 U	0.041
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.218	0.025 U	0.025 U	0.279
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.047	0.025 U	0.025 U	0.059
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.142	0.025 U	0.025 U	0.112
Pyrene	0.025 U	0.195	0.025 U	0.025 U	0.272
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	20.60	5.11	3.01	18.30	6.17
Barium	41.60	75.90	57.40	55.40	72.30
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.71
Chromium	18.20	23.00	20.90	21.00	17.00
Copper	NA	NA	NA	NA	NA
Lead	17.70	88.60	16.30	15.20	83.30
Mercury	0.040 U	0.08	0.040 U	0.040 U	0.150
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	1.43	NA	1.14	NA
SPLP Cadmium	NA	0.005 U	NA	0.005	NA
SPLP Chromium	NA	0.010	NA	0.018	NA
SPLP Lead	NA	0.012	NA	0.008	0.023
SPLP Mercury	NA	0.0005	NA	0.0005	NA
SPLP Selenium	NA	1.0 UJ	NA	NA	NA
SPLP Silver	NA	0.010 U	NA	0.010	NA

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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002	0.002 U	0.002 U	0.066
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	0.025 U	0.134 J
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.202 J
Anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.242 J
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	1.51 J
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.968 J
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	1.04 J
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.025 U	0.262 J
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	1.960 J
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.025 U	0.025 U	1.74 J
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.167 J
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	2.05 J
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.087 J
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.241 J
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.126 J
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.025 U	0.025 U	0.025 U	1.25 J
Pyrene	0.025 U	0.025 U	0.025 U	0.025 U	2.59 J
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.66	7.60	3.53	5.59	9.99
Barium	68.20	46.20	37.40	36.50	57.70
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	22.10	22.10	19.80	18.90	17.20
Copper	NA	NA	NA	NA	NA
Lead	22.20	15.60	15.50	13.30	50.40
Mercury	0.040 U	0.040 U	0.040 U	0.040 U	0.072
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	0.88	2.42	NA	NA	NA
SPLP Cadmium	0.005 U	0.005 U	NA	NA	NA
SPLP Chromium	0.010	0.023	NA	NA	NA
SPLP Lead	0.009	0.007	NA	NA	0.029
SPLP Mercury	0.0005 U	0.0005 U	NA	NA	NA
SPLP Selenium	1.0 UJ	NA	NA	NA	NA
SPLP Silver	0.010 U	0.010 U	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB57-002 8-10'	RPM-SB58-001 2-3'	RPM-SB58-002 8-10'	RPM-SB59-001 1-2'	RPM-SB59-002 3-5'
	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.022	0.002 U	0.002 U	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chlorodibromomethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.025 U	0.025 U	0.025 U	1.010	0.025 U
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.050	0.025 U
Anthracene	0.025 U	0.025 U	0.025 U	2.750	0.025 U
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	5.550	0.025 U
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	5.690	0.025 U
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	3.920	0.025 U
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	2.540	0.025 U
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	4.940	0.025 U
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB57-002 8-10'	RPM-SB58-001 2-3'	RPM-SB58-002 8-10'	RPM-SB59-001 1-2'	RPM-SB59-002 3-5'
	WT~NE	WT~NE	WT~NE	WT~NE	WT~NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.025 U	7.060	0.025 U
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.025 U	1.710	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.025 U	9.650	0.025 U
Fluorene	0.025 U	0.025 U	0.025 U	1.120	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.025 U	2.860	0.025 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.966	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025 U	0.025 U	0.025 U	7.050	0.025 U
Pyrene	0.025 U	0.025 U	0.025 U	8.010	0.025 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	10.20	3.58	7.24	9.19	7.12
Barium	20.70	45.10	43.90	124.0	48.90
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	13.00	20.80	18.40	21.30	21.60
Copper	NA	NA	NA	NA	NA
Lead	15.30	13.10	15.00	58.50	16.80
Mercury	0.040 U	0.040 U	0.040 U	0.05	0.040 U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	1.06	1.12
SPLP Cadmium	NA	NA	NA	0.005 U	0.005 U
SPLP Chromium	NA	NA	NA	0.010	0.025
SPLP Lead	NA	NA	NA	0.005	0.010
SPLP Mercury	NA	NA	NA	0.0005	0.0005
SPLP Selenium	NA	NA	NA	NA	1.0 UJ
SPLP Silver	NA	NA	NA	0.010 U	0.010 U

NOTES:

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(3) NA - Not Analyzed

(4) WT~ n' bgs - Water Table approximately n feet below ground surface.

(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B1 1-3'	PBS-B2 1-3'	PBS-B2 6-8'	PBS-B3 1-3'	PBS-B3 4-6'
	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs
TCL VOCs (mg/kg)					
Acetone	0.015	NA	NA	NA	NA
Benzene	0.003 U	NA	NA	NA	NA
Bromodichloromethane	0.003 U	NA	NA	NA	NA
Bromoform	0.003 U	NA	NA	NA	NA
Bromomethane	0.003 U	NA	NA	NA	NA
2-Butanone	0.006 U	NA	NA	NA	NA
Carbon Disulfide	0.006 U	NA	NA	NA	NA
Carbon Tetrachloride	0.003 U	NA	NA	NA	NA
Chlorobenzene	0.003 U	NA	NA	NA	NA
Chlorodibromomethane	0.003 U	NA	NA	NA	NA
Chloroethane	0.003 U	NA	NA	NA	NA
Chloroform	0.003 U	NA	NA	NA	NA
Chloromethane	0.003 U	NA	NA	NA	NA
1,1-Dichloroethane	0.003 U	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.003 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	0.003 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	0.003 U	NA	NA	NA	NA
1,2-Dichloropropane	0.003 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.003 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.003 U	NA	NA	NA	NA
Ethylbenzene	0.003 U	NA	NA	NA	NA
2-hexanone	0.006 U	NA	NA	NA	NA
4-methyl-2-pentanone	0.006 U	NA	NA	NA	NA
Methylene Chloride	0.007 U	NA	NA	NA	NA
Styrene	0.003 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.003 U	NA	NA	NA	NA
Tetrachloroethene	0.003 U	NA	NA	NA	NA
Toluene	0.003 U	NA	NA	NA	NA
1,1,1-Trichloroethane	0.003 U	NA	NA	NA	NA
1,1,2-Trichloroethane	0.003 U	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	0.003 U	NA	NA	NA	NA
Xylenes (total)	0.003 U	NA	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.0326 U	0.0336 U	0.0324 U	0.0333 U	0.0287 U
Acenaphthylene	0.0208 U	0.0215 U	0.0208 U	0.038	0.0183 U
Anthracene	0.000844 U	0.007400	0.00084 U	0.0012	0.000742 U
Benzo[a]anthracene	0.0026	0.0272	0.0020	0.0048	0.00176 U
Benzo[b]fluoranthene	0.0035	0.0290	0.0037	0.0067	0.0027
Benzo[k]fluoranthene	0.0019	0.0164	0.0019	0.0031	0.0016
Benzo[g,h,i]perylene	0.0028	0.0212	0.0026	0.0082	0.0023
Benzo[a]pyrene	0.0029	0.0272	0.0040	0.0033	0.0023
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT ~ n' bgs - Water Table approximately n feet below ground surface
(5) WT ~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B1 1-3'	PBS-B2 1-3'	PBS-B2 6-8'	PBS-B3 1-3'	PBS-B3 4-6'
	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.0033	0.0364	0.0036	0.006	0.0026
Dibenzo[a,h]anthracene	0.00617 U	0.01270	0.00614 U	0.0063 U	0.00542 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	0.003 U	NA	NA	NA	NA
1,3-Dichlorobenzene	0.003 U	NA	NA	NA	NA
1,4-Dichlorobenzene	0.003 U	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.00134 U	0.04930	0.0034	0.0099	0.0013
Fluorene	0.0114 U	0.0118 U	0.0114 U	0.0117 U	0.010 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.003 U	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.00055 U	0.01000	0.000548 U	0.000562 U	0.000484 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.00877 U	0.00905 U	0.00874 U	0.00896 U	0.00772 U
2-Nitroaniline	NA		NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.00125 U	0.02470	0.0025	0.0061	0.0011 U
Pyrene	0.00354 U	0.04420	0.00353 U	0.0094	0.00312 U
1,2,4-Trichlorobenzene	0.003 U	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	9.48	15.60	17.80	7.76	8.39
Barium	33.40	46.50	26.00	41.20	21.80
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.00624 U	0.00644 U	0.00622 U	0.00638 U	0.00549 U
Chromium	15.70	18.30	15.50	16.40	8.03
Copper	NA	NA	NA	NA	NA
Lead	15.70	29.20	16.30	25.80	0.022 U
Mercury	0.0499 U	0.2500	0.0498 U	0.0510 U	0.0439 U
Nickel	NA	NA	NA	NA	NA
Selenium	0.497 U	0.512 U	0.495 U	0.398 U	0.437 U
Silver	0.350 U	0.360 U	0.348 U	0.357 U	0.308 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

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(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B4 1-3'	PBS-B5 1-3'	PBS-B6 1-3'	PBS-B7 1-3'	PBS-B7 6-8'
	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.019	NA
Benzene	NA	NA	NA	0.004 U	0.00285 U
Bromodichloromethane	NA	NA	NA	0.004 U	NA
Bromoform	NA	NA	NA	0.004 U	NA
Bromomethane	NA	NA	NA	0.004 U	NA
2-Butanone	NA	NA	NA	0.008 U	NA
Carbon Disulfide	NA	NA	NA	0.008 U	NA
Carbon Tetrachloride	NA	NA	NA	0.004 U	NA
Chlorobenzene	NA	NA	NA	0.004 U	NA
Chlorodibromomethane	NA	NA	NA	0.004 U	NA
Chloroethane	NA	NA	NA	0.004 U	NA
Chloroform	NA	NA	NA	0.004 U	NA
Chloromethane	NA	NA	NA	0.004 U	NA
1,1-Dichloroethane	NA	NA	NA	0.004 U	NA
1,2-Dichloroethane	NA	NA	NA	0.004 U	NA
1,1-Dichloroethene	NA	NA	NA	0.004 U	NA
Cis-1,2-Dichloroethene	NA	NA	NA	0.004 U	NA
Trans-1,2-Dichloroethene	NA	NA	NA	0.004 U	NA
1,2-Dichloropropane	NA	NA	NA	0.004 U	NA
Cis-1,3-Dichloropropene	NA	NA	NA	0.004 U	NA
Trans-1,3-Dichloropropene	NA	NA	NA	0.004 U	NA
Ethylbenzene	NA	NA	NA	0.004 U	0.00285 U
2-hexanone	NA	NA	NA	0.008 U	NA
4-methyl-2-pentanone	NA	NA	NA	0.008 U	NA
Methylene Chloride	NA	NA	NA	0.0096 U	NA
Styrene	NA	NA	NA	0.0040 U	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.0040 U	NA
Tetrachloroethene	NA	NA	NA	0.0040 U	NA
Toluene	NA	NA	NA	0.0040 U	0.00285 U
1,1,1-Trichloroethane	NA	NA	NA	0.0040 U	NA
1,1,2-Trichloroethane	NA	NA	NA	0.0040 U	NA
Trichloroethene	NA	NA	NA	0.0040 U	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	0.0040 U	NA
Xylenes (total)	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.0844 U	0.0838 U	NA	NA	NA
2-Chlorophenol	0.126 U	NA	NA	NA	NA
2,4-Dimethylphenol	0.0844 U	NA	NA	NA	NA
2,4-Dinitrophenol	0.0844 U	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	0.0844 U	0.0838 U	NA	NA	NA
2-Methylphenol	0.0844 U	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	0.105 U	NA	NA	NA	NA
4-Nitrophenol	0.0844 U	NA	NA	NA	NA
Pentrachlorophenol	0.105 U	0.104 U	NA	NA	NA
Phenol	0.0844 U	0.084 U	NA	NA	NA
2,4,5-Trichlorophenol	0.126 U	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.0844 U	NA	NA	NA	NA
Acenaphthene	0.0329 U	0.0104 U	0.0349 U	0.0341 U	0.0323 U
Acenaphthylene	0.021 U	0.0209 U	0.0223 U	0.0218 U	0.0206 U
Anthracene	0.0013	0.0104 U	0.000903 U	0.000884 U	0.000836 U
Benzo[a]anthracene	0.01050 U	0.0104 U	0.0099	0.00209 U	0.00198 U
Benzo[b]fluoranthene	0.0038	0.0104 U	0.0117	0.0024	0.000707 U
Benzo[k]fluoranthene	0.0018	0.0416 U	0.0063	0.0007	0.000468 U
Benzo[g,h,i]perylene	0.0019	0.0416 U	0.0093	0.0033	0.00153 U
Benzo[a]pyrene	0.02100 U	0.0209 U	0.0089	0.0022	0.00182 U
Butylbenzylphthalate	0.0844 U	0.0838 U	NA	NA	NA
Bis(2-chloroethoxy)methane	0.0844 U	0.0838 U	NA	NA	NA
Bis(2-chloroethyl) ether	0.0844 U	0.0838 U	NA	NA	NA
Bis(2-chloroisopropyl) ether	0.0844 U	0.0838 U	NA	NA	NA
Bis(2-ethylhexyl)phthalate	0.0844 U	0.0838 U	NA	NA	NA
4-bromaphenylphenylether	0.0844 U	0.0838 U	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
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Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B4 1-3'	PBS-B5 1-3'	PBS-B6 1-3'	PBS-B7 1-3'	PBS-B7 6-8'
	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.0844 U	NA	NA	NA	NA
4-Chlorophenyl-phenylether	0.0844 U	0.0838 U	NA	NA	NA
4-Chloroaniline	0.0844 U	0.0838 U	NA	NA	NA
Chrysene	0.0025	0.0104 U	0.0111	0.0019	0.001 U
Dibenzo[a,h]anthracene	0.0420 U	0.0416 U	0.0076	0.00646 U	0.00611 U
Dibenzofuran	0.0844 U	0.0838 U	NA	NA	NA
Di-n-butylphthalate	0.126 U	0.125 U	NA	NA	NA
1,2-Dichlorobenzene	0.0844 U	NA	NA	0.004 U	NA
1,3-Dichlorobenzene	0.0844 U	NA	NA	0.004 U	NA
1,4-Dichlorobenzene	0.0844 U	NA	NA	0.004 U	NA
3,3-Dichlorobenzidine	0.0844 U	0.0838 U	NA	NA	NA
2,4-Dichlorophenol	0.126 U	NA	NA	NA	NA
Diethylphthalate	0.0844 U	NA	NA	NA	NA
Dimethylphtalate	0.0844 U	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0844 U	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0844 U	NA	NA	NA	NA
Di-n-octylphthalate	0.0844 U	0.0838 U	NA	NA	NA
Fluoranthene	0.0026	0.0104 U	0.0108	0.0019	0.00132 U
Fluorene	0.0210 U	0.0209 U	0.0122 U	0.0120 U	0.0113 U
Hexachlorobenzene	0.105 U	0.104 U	NA	NA	NA
Hexachlorobutadiene	0.0844 U	0.0838 U	NA	0.004 U	NA
Hexachlorocyclopentadiene	0.0844 U	0.0838 U	NA	NA	NA
Hexachloroethane	0.0844 U	0.0838 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.0420 U	0.0416 U	0.0049	0.000577 U	0.000545 U
Isophorone	0.0844 U	0.0838 U	NA	NA	NA
2-Methylnaphthalene	0.0844 U	NA	NA	NA	NA
Naphthalene	0.0105 U	0.0104 U	0.00939 U	0.00920 U	0.00869 U
2-Nitroaniline	0.0844 U	NA	NA	NA	NA
3-Nitroaniline	0.0844 U	0.0838 U	NA	NA	NA
4-Nitroaniline	0.0844 U	0.0838 U	NA	NA	NA
Nitrobenzene	0.0844 U	0.0838 U	NA	NA	NA
N-nitrosodi-n-propylamine	0.0844 U	0.0838 U	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	0.0844 U	0.0838 U	NA	NA	NA
Phenanthrene	0.0087	0.0104 U	0.0023	0.0028	0.00124 U
Pyrene	0.0185	0.0104 U	0.00379 U	0.00371 U	0.00351 U
1,2,4-Trichlorobenzene	0.0844 U	NA	NA	0.004 U	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	19.20	16.30	15.90	23.30	NA
Barium	53.60	35.00	40.00	45.70	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.00631 U	0.00623 U	0.00668 U	0.00654 U	NA
Chromium	18.40	14.60	16.40	18.80	NA
Copper	NA	NA	NA	NA	NA
Lead	24.60	23.70	20.00	21.10	NA
Mercury	0.0504 U	0.0499 U	0.0535 U	0.0524 U	NA
Nickel	NA	NA	NA	NA	NA
Selenium	0.502 U	0.496 U	0.532 U	0.521 U	NA
Silver	0.353 U	0.349 U	0.374 U	0.366 U	NA
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

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(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B8 1-3'	PBS-B8 8-10'	PBS-B9 1-3'	PBS-B9 6-8'	PBS-B10 1-3'
	WT ~ 7' bgs	WT ~ 7' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.037	NA
Benzene	NA	0.0031 U	NA	0.00423 U	NA
Bromodichloromethane	NA	NA	NA	0.00423 U	NA
Bromoform	NA	NA	NA	0.00423 U	NA
Bromomethane	NA	NA	NA	0.00423 U	NA
2-Butanone	NA	NA	NA	0.00423 U	NA
Carbon Disulfide	NA	NA	NA	0.00845 U	NA
Carbon Tetrachloride	NA	NA	NA	0.00423 U	NA
Chlorobenzene	NA	NA	NA	0.00423 U	NA
Chlorodibromomethane	NA	NA	NA	0.00423 U	NA
Chloroethane	NA	NA	NA	0.00423 U	NA
Chloroform	NA	NA	NA	0.00423 U	NA
Chloromethane	NA	NA	NA	0.00423 U	NA
1,1-Dichloroethane	NA	NA	NA	0.00423 U	NA
1,2-Dichloroethane	NA	NA	NA	0.00423 U	NA
1,1-Dichloroethene	NA	NA	NA	0.00423 U	NA
Cis-1,2-Dichloroethene	NA	NA	NA	0.00423 U	NA
Trans-1,2-Dichloroethene	NA	NA	NA	0.00423 U	NA
1,2-Dichloropropane	NA	NA	NA	0.00423 U	NA
Cis-1,3-Dichloropropene	NA	NA	NA	0.00423 U	NA
Trans-1,3-Dichloropropene	NA	NA	NA	0.00423 U	NA
Ethylbenzene	NA	0.0031 U	NA	0.00423 U	NA
2-hexanone	NA	NA	NA	0.00845 U	NA
4-methyl-2-pentanone	NA	NA	NA	0.00845 U	NA
Methylene Chloride	NA	NA	NA	0.00423 U	NA
Styrene	NA	NA	NA	0.00423 U	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00423 U	NA
Tetrachloroethene	NA	NA	NA	0.00423 U	NA
Toluene	NA	0.0031 U	NA	0.00423 U	NA
1,1,1-Trichloroethane	NA	NA	NA	0.00423 U	NA
1,1,2-Trichloroethane	NA	NA	NA	0.00423 U	NA
Trichloroethene	NA	NA	NA	0.00423 U	NA
Vinyl Acetate	NA	NA	NA	0.00423 U	NA
Vinyl Chloride	NA	NA	NA	0.00423 U	NA
Xylenes (total)	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.0311 U	0.0326 U	0.655 U	0.0326 U	0.0322 U
Acenaphthylene	0.0199 U	0.0208 U	0.419 U	0.0208 U	0.0206 U
Anthracene	0.000805 U	0.000844 U	1.07	0.0050	0.0012
Benzo[a]anthracene	0.00230	0.002 U	2.13	0.0091	0.0053
Benzo[b]fluoranthene	0.003100	0.000714 U	1.79	0.0089	0.0059
Benzo[k]fluoranthene	0.001700	0.000473 U	0.995	0.0050	0.0032
Benzo[g,h,i]perylene	0.00210	0.00155 U	1.35	0.0067	0.0097
Benzo[a]pyrene	0.00175 U	0.00183 U	1.98	0.0062	0.0026
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

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Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B8 1-3'	PBS-B8 8-10'	PBS-B9 1-3'	PBS-B9 6-8'	PBS-B10 1-3'
	WT ~ 7' bgs	WT ~ 7' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.00250	0.00101 U	2.26	0.0093	0.0053
Dibenzo[a,h]anthracene	0.00588 U	0.00617 U	0.511	0.00617 U	0.0061 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.00420	0.00134 U	4.53	0.0161	0.0094
Fluorene	0.0109 U	0.0114 U	0.560	0.0114 U	0.0113 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.000525 U	0.00055 U	0.450	0.0029	0.0023
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.00837 U	0.00877 U	2.06	0.00877 U	0.00868 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.00340	0.00125 U	5.81	0.0163	0.0078
Pyrene	0.00338 U	0.00354 U	1.98	0.0048	0.0035 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	10.80	NA	20.4	13.7	15.10
Barium	38.00	NA	78.7	62.4	39.00
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.00596 U	NA	0.00627 U	0.00624 U	0.00617 U
Chromium	12.80	NA	16.20	16.70	14.30
Copper	NA	NA	NA	NA	NA
Lead	14.90	NA	55.60	17.8	29.90
Mercury	0.0477 U	NA	0.0502 U	0.0499 U	0.0494 U
Nickel	NA	NA	NA	NA	NA
Selenium	0.474 U	NA	0.499 U	0.497 U	0.491 U
Silver	0.334 U	NA	0.351 U	16.2	0.346 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B10 8-10'	PBS-B11 1-3'	PBS-B12 1-3'	PBS-B13 1-3'	PBS-B13 6-8'
	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.028	NA
Benzene	NA	NA	NA	0.00322 U	NA
Bromodichloromethane	NA	NA	NA	0.00322 U	NA
Bromoform	NA	NA	NA	0.00322 U	NA
Bromomethane	NA	NA	NA	0.00322 U	NA
2-Butanone	NA	NA	NA	0.00645 U	NA
Carbon Disulfide	NA	NA	NA	0.00645 U	NA
Carbon Tetrachloride	NA	NA	NA	0.00322 U	NA
Chlorobenzene	NA	NA	NA	0.00322 U	NA
Chlorodibromomethane	NA	NA	NA	0.00322 U	NA
Chloroethane	NA	NA	NA	0.00322 U	NA
Chloroform	NA	NA	NA	0.00322 U	NA
Chloromethane	NA	NA	NA	0.00322 U	NA
1,1-Dichloroethane	NA	NA	NA	0.00322 U	NA
1,2-Dichloroethane	NA	NA	NA	0.00322 U	NA
1,1-Dichloroethene	NA	NA	NA	0.00322 U	NA
Cis-1,2-Dichloroethene	NA	NA	NA	0.00322 U	NA
Trans-1,2-Dichloroethene	NA	NA	NA	0.00322 U	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	NA	NA	NA	0.00322 U	NA
Ethylbenzene	NA	NA	NA	0.00322 U	NA
2-hexanone	NA	NA	NA	0.00645 U	NA
4-methyl-2-pentanone	NA	NA	NA	0.00645 U	NA
Methylene Chloride	NA	NA	NA	0.00774 U	NA
Styrene	NA	NA	NA	0.00322 U	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	0.00322 U	NA
Toluene	NA	NA	NA	0.00322 U	NA
1,1,1-Trichloroethane	NA	NA	NA	0.00322 U	NA
1,1,2-Trichloroethane	NA	NA	NA	0.00322 U	NA
Trichloroethene	NA	NA	NA	0.00322 U	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	0.00322 U	NA
Xylenes (total)	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	0.130 U	NA	NA	NA
2.4-Dimethylphenol	NA	0.0871 U	NA	NA	NA
2,4-Dinitrophenol	NA	0.0871 U	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	0.0871 U	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	0.108 U	NA	NA	NA
4-Nitrophenol	NA	0.0871 U	NA	NA	NA
Pentrachlorophenol	NA	0.108 U	NA	NA	NA
Phenol	NA	0.0871 U	NA	NA	NA
2,4,5-Trichlorophenol	NA	0.130 U	NA	NA	NA
2,4,6-Trichlorophenol	NA	0.130 U	NA	NA	NA
Acenaphthene	0.0333 U	0.0339 U	0.0321 U	0.0317 U	0.033 U
Acenaphthylene	0.0213 U	0.0217 U	0.0205 U	0.0203 U	0.021 U
Anthracene	0.000862 U	0.010800 U	0.0021	0.00082 U	0.001 U
Benzo[a]anthracene	0.00204 U	0.0036	0.0133	0.00194 U	0.002 U
Benzo[b]fluoranthene	0.0012	0.0051	0.0154	0.0019	0.001 U
Benzo[k]fluoranthene	0.0005	0.0028	0.0076	0.0005	0.000 U
Benzo[g,h,i]perylene	0.00158 U	0.0037	0.0104	0.0015 U	0.002 U
Benzo[a]pyrene	0.00187 U	0.02170 U	0.0128	0.0022	0.002 U
Butylbenzylphthalate	NA	0.0871 U	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	0.0871 U	NA	NA	NA
Bis(2-chloroethyl) ether	NA	0.0871 U	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	0.0871 U	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	0.0871 U	NA	NA	NA
4-bromaphenylphenylether	NA	0.0871 U	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

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(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B10 8-10'	PBS-B11 1-3'	PBS-B12 1-3'	PBS-B13 1-3'	PBS-B13 6-8'
	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	0.0871 U	NA	NA	NA
4-Chlorophenyl-phenylether	NA	0.0871 U	NA	NA	NA
4-Chloroaniline	NA	0.0871 U	NA	NA	NA
Chrysene	0.00103 U	0.0065	0.0172	0.0012	0.001 U
Dibenzo[a,h]anthracene	0.0063 U	0.00641 U	0.0068	0.00599 U	0.006 U
Dibenzofuran	NA	0.0871 U	NA	NA	NA
Di-n-butylphthalate	NA	0.13	NA	NA	NA
1,2-Dichlorobenzene	NA	0.0871 U	NA	0.00322 U	NA
1,3-Dichlorobenzene	NA	0.0871 U	NA	0.00322 U	NA
1,4-Dichlorobenzene	NA	0.0871 U	NA	0.00322 U	NA
3,3-Dichlorobenzidine	NA	0.0871 U	NA	NA	NA
2,4-Dichlorophenol	NA	0.13 U	NA	NA	NA
Diethylphthalate	NA	0.0871 U	NA	NA	NA
Dimethylphtalate	NA	0.0871 U	NA	NA	NA
2,4-Dinitrotoluene	NA	0.0871 U	NA	NA	NA
2,6-Dinitrotoluene	NA	0.0871 U	NA	NA	NA
Di-n-octylphthalate	NA	0.0871 U	NA	NA	NA
Fluoranthene	0.00136 U	0.0069	0.027	0.0018	0.001 U
Fluorene	0.0117 U	0.0119 U	0.0112 U	0.0111 U	0.012 U
Hexachlorobenzene	NA	0.108 U	NA	NA	NA
Hexachlorobutadiene	NA	0.0871 U	NA	NA	NA
Hexachlorocyclopentadiene	NA	0.0871 U	NA	NA	NA
Hexachloroethane	NA	0.0871 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.000562 U	0.000572 U	0.0052	0.000535 U	0.001 U
Isophorone	NA	0.0871 U	NA	NA	NA
2-Methylnaphthalene	NA	0.0871 U	NA	NA	NA
Naphthalene	0.00896 U	0.01080 U	0.0106	0.00853 U	0.009 U
2-Nitroaniline	NA	0.0871 U	NA	NA	NA
3-Nitroaniline	NA	0.0871 U	NA	NA	NA
4-Nitroaniline	NA	0.0871 U	NA	NA	NA
Nitrobenzene	NA	0.0871 U	NA	NA	NA
N-nitrosodi-n-propylamine	NA	0.0871 U	NA	NA	NA
N-nitrosodimethylamine	NA	0.087 U	NA	NA	NA
N-nitrosodiphenylamine	NA	0.0871 U	NA	NA	NA
Phenanthrene	0.0018	0.0054	0.0226	0.0024	0.001
Pyrene	0.00362 U	0.00369 U	0.153	0.00344 U	0.004 U
1,2,4-Trichlorobenzene	NA	0.0871 U	NA	0.00322 U	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	14.40	19.90	10.80	NA
Barium	NA	46.20	57.10	35.00	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	0.00649 U	0.00614 U	0.00607 U	NA
Chromium	NA	19.00	15.00	14.40	NA
Copper	NA	NA	NA	NA	NA
Lead	NA	21.30	29.20	16.10	NA
Mercury	NA	0.0519 U	0.0491 U	0.0485 U	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	0.517 U	0.398 U	0.483 U	NA
Silver	NA	0.364 U	0.344 U	0.34 U	NA
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

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(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface
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Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B14 1-3' WT ~ 8' bgs	PBS-B15 1-3' WT ~ 8' bgs	PBS-B15 6-8' WT ~ 8' bgs	PBS-B16 1-3' WT ~ 8' bgs	PBS-B16 8-10' WT ~ 8' bgs
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.032	0.018
Benzene	NA	NA	NA	0.00343 U	0.00343 U
Bromodichloromethane	NA	NA	NA	0.00343 U	0.00343 U
Bromoform	NA	NA	NA	0.00343 U	0.00343 U
Bromomethane	NA	NA	NA	0.00343 U	0.00343 U
2-Butanone	NA	NA	NA	0.00685 U	0.00687 U
Carbon Disulfide	NA	NA	NA	0.00685 U	0.00687 U
Carbon Tetrachloride	NA	NA	NA	0.00343 U	0.00343 U
Chlorobenzene	NA	NA	NA	0.00343 U	0.00343 U
Chlorodibromomethane	NA	NA	NA	0.00343 U	0.00343 U
Chloroethane	NA	NA	NA	0.00343 U	0.00343 U
Chloroform	NA	NA	NA	0.00343 U	0.00343 U
Chloromethane	NA	NA	NA	0.00343 U	0.00343 U
1,1-Dichloroethane	NA	NA	NA	0.00343 U	0.00343 U
1,2-Dichloroethane	NA	NA	NA	0.00343 U	0.00343 U
1,1-Dichloroethene	NA	NA	NA	0.00343 U	0.00343 U
Cis-1,2-Dichloroethene	NA	NA	NA	0.00343 U	0.00343 U
Trans-1,2-Dichloroethene	NA	NA	NA	0.00343 U	0.00343 U
1,2-Dichloropropane	NA	NA	NA	0.00343 U	0.00343 U
Cis-1,3-Dichloropropene	NA	NA	NA	0.00343 U	0.00343 U
Trans-1,3-Dichloropropene	NA	NA	NA	0.00343 U	0.00343 U
Ethylbenzene	NA	NA	NA	0.00343 U	0.00343 U
2-hexanone	NA	NA	NA	0.00685 U	0.00687 U
4-methyl-2-pentanone	NA	NA	NA	0.00685 U	0.00687 U
Methylene Chloride	NA	NA	NA	0.00822 U	0.00343 U
Styrene	NA	NA	NA	0.00343 U	0.00343 U
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.00343 U	0.00343 U
Tetrachloroethene	NA	NA	NA	0.00343 U	0.00343 U
Toluene	NA	NA	NA	0.00343 U	0.00343 U
1,1,1-Trichloroethane	NA	NA	NA	0.00343 U	0.00343 U
1,1,2-Trichloroethane	NA	NA	NA	0.00343 U	0.00343 U
Trichloroethene	NA	NA	NA	0.00343 U	0.00343 U
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	0.00343 U	0.00343 U
Xylenes (total)	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2.4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
Pentrachlorophenol	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
Acenaphthene	0.0347 U	0.0304 U	0.034 U	0.0321 U	0.0329 U
Acenaphthylene	0.0222 U	0.0195 U	0.022 U	NA	0.0211 U
Anthracene	0.0014	0.002 U	0.001 U	0.0058	0.000852 U
Benzo[a]anthracene	0.0055	0.0189	0.002 U	0.0021	0.00202 U
Benzo[b]fluoranthene	0.0073	0.0221	0.001 U	0.0032	0.000721 U
Benzo[k]fluoranthene	0.0038	0.0114	0.000 U	0.0016	0.000478 U
Benzo[g,h,i]perylene	0.0045	0.0159	0.002 U	0.003	0.00156 U
Benzo[a]pyrene	0.0035	0.0213	0.002 U	0.0037	0.00185 U
Butylbenzylphthalate	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromaphenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B14 1-3'	PBS-B15 1-3'	PBS-B15 6-8'	PBS-B16 1-3'	PBS-B16 8-10'
	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.0066	0.0238	0.001 U	0.003	0.00102 U
Dibenzo[a,h]anthracene	NA	NA	0.006 U	0.00608 U	0.00623 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	0.00343 U	0.00343 U
1,3-Dichlorobenzene	NA	NA	NA	0.00343 U	0.00343 U
1,4-Dichlorobenzene	NA	NA	NA	0.00343 U	0.00343 U
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphtalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.0111	0.0401	0.001 U	0.0041	0.00135 U
Fluorene	0.0122 U	0.0107 U	0.012 U	0.0113 U	0.0115 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	0.003 U	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.0041	0.0076	0.001 U	0.000543 U	0.000556 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.00935 U	0.0082 U	0.009 U	0.00865 U	0.00886 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.008	0.0268	0.001 U	0.004	0.00126 U
Pyrene	0.00378 U	0.0328	0.004 U	0.0035 U	0.00358 U
1,2,4-Trichlorobenzene	NA	NA	NA	0.003 U	0.00343 U
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	9.99	4.34	NA	20.00	15.2
Barium	39.60	16.40	NA	43.80	21.6
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.00669 U	0.00583 U	NA	0.00616 U	0.00631 U
Chromium	15.40	7.25	NA	16.90	16.4
Copper	NA	NA	NA	NA	NA
Lead	40.70	25.60	NA	26.40	16.5
Mercury	0.0535 U	0.0467 U	NA	0.506	0.0504 U
Nickel	NA	NA	NA	NA	NA
Selenium	0.533 U	0.476 U	NA	0.49 U	0.502 U
Silver	0.375 U	0.327 U	NA	0.345 U	0.353 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit

(2) J - Indicates an estimated value

(3) NA - Not Analyzed

(4) WT~ n' bgs - Water Table approximately n feet below ground surface

(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B17 1-3'	PBS-B17 6-8'	B-01 1-2'	TR-01 2-3'	TR-02 8-9'
	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 12' bgs	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	0.01	0.01 U	0.01 U	0.01 U
Benzene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Bromodichloromethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Bromoform	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Bromomethane	NA	0.00325 U	0.010 U	0.010 U	0.010 U
2-Butanone	NA	0.00650 U	0.010 U	0.010 U	0.010 U
Carbon Disulfide	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Carbon Tetrachloride	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Chlorobenzene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Chlorodibromomethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Chloroethane	NA	0.00325 U	0.010 U	0.010 U	0.010 U
Chloroform	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Chloromethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,2-Dichloroethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Cis-1,2-Dichloroethene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,2-Dichloropropane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Cis-1,3-Dichloropropene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Trans-1,3-Dichloropropene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Ethylbenzene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
2-hexanone	NA	0.00650 U	0.030 U	0.020 U	0.020 U
4-methyl-2-pentanone	NA	0.00650 U	0.010 U	0.010 U	0.010 U
Methylene Chloride	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Styrene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Tetrachloroethene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Toluene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,1,1-Trichloroethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
1,1,2-Trichloroethane	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Trichloroethene	NA	0.00325 U	0.006 U	0.006 U	0.006 U
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	0.00325 U	0.010 U	0.010 U	0.010 U
Xylenes (total)	NA	NA	0.010 U	0.010 U	0.010 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.0838 U	NA	0.420 U	0.400 U	0.370 U
2-Chlorophenol	0.125 U	NA	0.420 U	0.400 U	0.370 U
2,4-Dimethylphenol	0.0838 U	NA	0.420 U	0.400 U	0.370 U
2,4-Dinitrophenol	0.0838 U	NA	2.100 U	2.000 U	1.800 U
4,6-Dinitro-2-Methylphenol	0.0838 U	NA	2.100 U	2.000 U	1.800 U
2-Methylphenol	0.0838 U	NA	0.420 U	0.400 U	0.370 U
3&4-Methylphenol	NA	NA	0.420 U	0.400 U	0.370 U
2-Nitrophenol	0.1040 U	NA	0.420 U	0.400 U	0.370 U
4-Nitrophenol	0.0838 U	NA	2.100 U	2.000 U	1.800 U
Pentrachlorophenol	0.104 U	NA	2.100 U	2.000 U	1.800 U
Phenol	0.084 U	NA	0.420 U	0.400 U	0.370 U
2,4,5-Trichlorophenol	0.125 U	NA	2.100 U	2.000 U	1.800 U
2,4,6-Trichlorophenol	0.125 U	NA	0.420 U	0.400 U	0.370 U
Acenaphthene	0.0326 U	0.0306 U	0.420 U	0.400 U	0.370 U
Acenaphthylene	0.0209 U	0.0196 U	0.420 U	0.400 U	0.370 U
Anthracene	0.0115	0.040	0.420 U	0.400 U	0.370 U
Benzo[a]anthracene	0.0327	0.126	0.420 U	0.400 U	0.370 U
Benzo[b]fluoranthene	0.0384	0.174	0.420 U	0.400 U	0.370 U
Benzo[k]fluoranthene	0.0203	0.078	0.420 U	0.400 U	0.370 U
Benzo[g,h,i]perylene	0.0334	0.179	0.420 U	0.400 U	0.370 U
Benzo[a]pyrene	0.0397	0.133	0.420 U	0.400 U	0.370 U
Butylbenzylphthalate	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Bis(2-chloroethoxy)methane	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Bis(2-chloroethyl) ether	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Bis(2-chloroisopropyl) ether	0.0838 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	0.0838 U	NA	0.420 U	0.400 U	0.370 U
4-bromaphenylphenylether	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Carbazole	NA	NA	0.420 U	0.400 U	0.370 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	PBS-B17 1-3'	PBS-B17 6-8'	B-01 1-2'	TR-01 2-3'	TR-02 8-9'
	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 12' bgs	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
4-Chlorophenyl-phenylether	0.0838 U	NA	0.420 U	0.400 U	0.370 U
4-Chloroaniline	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Chrysene	0.0404	0.162	0.420 U	0.400 U	0.370 U
Dibenzo[a,h]anthracene	0.0175	0.034	0.420 U	0.400 U	0.370 U
Dibenzofuran	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Di-n-butylphthalate	0.125 U	NA	0.420 U	0.400 U	0.370 U
1,2-Dichlorobenzene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
1,3-Dichlorobenzene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
1,4-Dichlorobenzene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
3,3-Dichlorobenzidine	0.0838 U	NA	0.840 U	0.790 U	0.740 U
2,4-Dichlorophenol	0.125 U	NA	0.420 U	0.440 U	0.370 U
Diethylphthalate	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Dimethylphthalate	0.0838 U	NA	0.420 U	0.400 U	0.370 U
2,4-Dinitrotoluene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
2,6-Dinitrotoluene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Di-n-octylphthalate	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Fluoranthene	0.0675	0.211	0.420 U	0.400 U	0.370 U
Fluorene	0.0114 U	0.0107 U	0.420 U	0.400 U	0.370 U
Hexachlorobenzene	0.104 U	NA	0.420 U	0.400 U	0.370 U
Hexachlorobutadiene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Hexachlorocyclopentadiene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Hexachloroethane	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Indeno(1,2,3-cd)pyrene	0.0128	0.070	0.420 U	0.400 U	0.370 U
Isophorone	0.0838 U	NA	0.420 U	0.400 U	0.370 U
2-Methylnaphthalene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Naphthalene	0.00879 U	0.027	0.420 U	0.400 U	0.370 U
2-Nitroaniline	0.0838 U	NA	2.100 U	2.000 U	1.800 U
3-Nitroaniline	0.0838 U	NA	2.100 U	2.000 U	1.800 U
4-Nitroaniline	0.0838 U	NA	2.100 U	2.000 U	1.800 U
Nitrobenzene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
N-nitrosodi-n-propylamine	0.0838 U	NA	0.420 U	0.400 U	0.370 U
N-Nitrosodimethylamine	0.0838 U	NA	0.420 U	0.400 U	0.370 U
N-nitrosodiphenylamine	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Phenanthrene	0.0425	0.089	0.420 U	0.400 U	0.370 U
Pyrene	0.0650	0.224	0.420 U	0.400 U	0.370 U
1,2,4-Trichlorobenzene	0.0838 U	NA	0.420 U	0.400 U	0.370 U
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	12.75	19.30	7.20	5.20	1.80
Barium	45.00	28.20	57.00	43.80	33.70
Beryllium	NA	NA	NA	NA	NA
Cadmium	2.11	0.00585 U	0.99 U	1.00 U	0.94 U
Chromium	16.20	11.00	18.80	18.80	13.40
Copper	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA
Lead	46.40	12.90	22.10	14.50	4.10
Mercury	0.05 U	0.11	0.04 U	0.04 U	0.04 U
Nickel	NA	NA	NA	NA	NA
Selenium	0.498 U	0.466 U	0.74	0.50 U	0.47 U
Silver	0.35 U	0.33 U	0.99 U	1.00 U	0.94 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

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(4) WT~ n' bgs - Water Table approximately n feet below ground surface

(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	MW-01 8-10'	MW-02 1-2'	TR-101 3-5'	TR-102 8-10'	TR-102 8-10' (DUP)
	WT ~ 10.5' bgs	WT ~ 7' bgs	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	0.01 U	0.01 U	NA	NA	NA
Benzene	0.006 U	0.006 U	NA	NA	NA
Bromodichloromethane	0.006 U	0.006 U	NA	NA	NA
Bromoform	0.006 U	0.006 U	NA	NA	NA
Bromomethane	0.010 U	0.010 U	NA	NA	NA
2-Butanone	0.010 U	0.010 U	NA	NA	NA
Carbon Disulfide	0.006 U	0.006 U	NA	NA	NA
Carbon Tetrachloride	0.006 U	0.006 U	NA	NA	NA
Chlorobenzene	0.006 U	0.006 U	NA	NA	NA
Chlorodibromomethane	0.006 U	0.006 U	NA	NA	NA
Chloroethane	0.010 U	0.010 U	NA	NA	NA
Chloroform	0.006 U	0.006 U	NA	NA	NA
Chloromethane	0.006 U	0.006 U	NA	NA	NA
1,1-Dichloroethane	0.006 U	0.006 U	NA	NA	NA
1,2-Dichloroethane	0.006 U	0.006 U	NA	NA	NA
1,1-Dichloroethene	0.006 U	0.006 U	NA	NA	NA
Cis-1,2-Dichloroethene	0.006 U	0.006 U	NA	NA	NA
Trans-1,2-Dichloroethene	0.006 U	0.006 U	NA	NA	NA
1,2-Dichloropropane	0.006 U	0.006 U	NA	NA	NA
Cis-1,3-Dichloropropene	0.006 U	0.006 U	NA	NA	NA
Trans-1,3-Dichloropropene	0.006 U	0.006 U	NA	NA	NA
Ethylbenzene	0.006 U	0.006 U	NA	NA	NA
2-hexanone	0.020 U	0.020 U	NA	NA	NA
4-methyl-2-pentanone	0.010 U	0.010 U	NA	NA	NA
Methylene Chloride	0.006 U	0.006 U	NA	NA	NA
Styrene	0.006 U	0.006 U	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.006 U	0.006 U	NA	NA	NA
Tetrachloroethene	0.006 U	0.006 U	NA	NA	NA
Toluene	0.006 U	0.006 U	NA	NA	NA
1,1,1-Trichloroethane	0.006 U	0.006 U	NA	NA	NA
1,1,2-Trichloroethane	0.006 U	0.006 U	NA	NA	NA
Trichloroethene	0.006 U	0.006 U	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	0.010 U	0.010 U	NA	NA	NA
Xylenes (total)	0.010 U	0.010 U	NA	NA	NA
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.400 U	0.390 U	NA	NA	NA
2-Chlorophenol	0.400 U	0.390 U	NA	NA	NA
2.4-Dimethylphenol	0.400 U	0.390 U	NA	NA	NA
2,4-Dinitrophenol	2.000 U	2.00 U	NA	NA	NA
4,6-Dinitro-2-Methylphenol	2.000 U	2.00 U	NA	NA	NA
2-Methylphenol	0.400 U	0.390 U	NA	NA	NA
3&4-Methylphenol	0.400 U	0.390 U	NA	NA	NA
2-Nitrophenol	0.400 U	0.390 U	NA	NA	NA
4-Nitrophenol	2.000 U	2.00 U	NA	NA	NA
Pentrachlorophenol	2.000 U	2.00 U	NA	NA	NA
Phenol	0.400 U	0.390 U	NA	NA	NA
2,4,5-Trichlorophenol	2.000 U	2.00 U	NA	NA	NA
2,4,6-Trichlorophenol	0.400 U	0.390 U	NA	NA	NA
Acenaphthene	0.400 U	0.390 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	0.400 U	0.390 U	0.025 U	0.025 U	0.025 U
Anthracene	0.400 U	170 J	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	0.400 U	0.460	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	0.400 U	0.520	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	0.400 U	0.200	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	0.400 U	0.270	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	0.400 U	0.400	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	0.400 U	0.390 J	NA	N/A	NA
Bis(2-chloroethoxy)methane	0.400 U	0.390 J	NA	N/A	NA
Bis(2-chloroethyl) ether	0.400 U	0.390 J	NA	N/A	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	N/A	NA
Bis(2-ethylhexyl)phthalate	0.400 U	0.390 J	NA	N/A	NA
4-bromaphenylphenylether	0.400 U	0.390 J	NA	N/A	NA
Carbazole	0.400 U	0.390 J	NA	N/A	NA

NOTES:
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(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	MW-01 8-10'	MW-02 1-2'	TR-101 3-5'	TR-102 8-10'	TR-102 8-10' (DUP)
	WT ~ 10.5' bgs	WT ~ 7' bgs	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.400 U	0.390 U	NA	NA	NA
4-Chlorophenyl-phenylether	0.400 U	0.390 U	NA	NA	NA
4-Chloroaniline	0.400 U	0.390 U	NA	NA	NA
Chrysene	0.400 U	0.490	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	0.400 U	0.390 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	0.400 U	0.390 U	NA	NA	NA
Di-n-butylphthalate	0.400 U	0.390 U	NA	NA	NA
1,2-Dichlorobenzene	0.400 U	0.390 U	NA	NA	NA
1,3-Dichlorobenzene	0.400 U	0.390 U	NA	NA	NA
1,4-Dichlorobenzene	0.800 U	0.390 U	NA	NA	NA
3,3-Dichlorobenzidine	0.400 U	0.790 U	NA	NA	NA
2,4-Dichlorophenol	0.400 U	0.390 U	NA	NA	NA
Diethylphthalate	0.400 U	0.390 U	NA	NA	NA
Dimethylphthalate	0.400 U	0.390 U	NA	NA	NA
2,4-Dinitrotoluene	0.400 U	0.390 U	NA	NA	NA
2,6-Dinitrotoluene	0.400 U	0.390 U	NA	NA	NA
Di-n-octylphthalate	0.400 U	0.390 U	NA	NA	NA
Fluoranthene	0.400 U	1.00	0.025 U	0.025 U	0.025 U
Fluorene	0.400 U	0.390 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.400 U	0.390 U	NA	NA	NA
Hexachlorobutadiene	0.400 U	0.390 U	NA	NA	NA
Hexachlorocyclopentadiene	0.400 U	0.390 U	NA	NA	NA
Hexachloroethane	0.400 U	0.390 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.400 U	0.390 J	0.025 UJ	0.025 U	0.025 U
Isophorone	0.400 U	0.390 U	NA	NA	NA
2-Methylnaphthalene	0.400 U	0.390 U	NA	NA	NA
Naphthalene	0.400 U	0.390 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	2.000 U	2.00 U	NA	NA	NA
3-Nitroaniline	2.000 U	2.00 U	NA	NA	NA
4-Nitroaniline	2.000 U	2.00 U	NA	NA	NA
Nitrobenzene	0.400 U	0.390 U	NA	NA	NA
N-nitrosodi-n-propylamine	0.400 U	0.390 U	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	0.400 U	0.390 U	NA	NA	NA
Phenanthrene	0.400 U	0.960	0.025 U	0.025 U	0.025 U
Pyrene	0.400 U	1.00	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	0.400 U	0.390 U	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	1.40 U	1.50 U	1.50 U
Arsenic	5.50	7.30	9.00	6.30	5.10
Barium	33.80	74.60	40.40	32.60	41.80
Beryllium	NA	NA	0.76	0.68	0.68
Cadmium	0.88 U	0.90 U	0.14 U	0.15 U	0.15 U
Chromium	17.60	20.50	20.50	20.30	19.70
Copper	NA	NA	28.00	30.80	30.70
Iron	NA	NA	21,400	18,300	18,400
Lead	12.60	27.50	14.30	14.00	13.00
Mercury	0.04 U	0.06	0.04 U	0.04 U	0.04 U
Nickel	NA	NA	30.40	31.50	29.40
Selenium	0.60	0.53	0.34 U	0.38 U	0.37 U
Silver	0.88 U	0.90 U	0.34 U	0.38 U	0.37 U
Thallium	NA	NA	0.68 U	0.95	0.74 U
Zinc	NA	NA	57.90	52.60	51.70
Total Cyanide	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	NA
SPLP Cadmium	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
SPLP Lead	NA	NA	NA	NA	NA
SPLP Mercury	NA	NA	NA	NA	NA
SPLP Selenium	NA	NA	NA	NA	NA
SPLP Silver	NA	NA	NA	NA	NA

NOTES:

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(3) NA - Not Analyzed

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(5) WT~ NE - Water Table not encountered.

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	MW-101 8-10'	MW-102 3-5'	B-101 4-6'	SS-05 0.5-1'	
	WT ~ 10.5' bgs	WT ~ 7' bgs	WT ~ 12' bgs	WT ~ NE	
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.01 U	
Benzene	NA	NA	NA	0.011	
Bromodichloromethane	NA	NA	NA	0.006 U	
Bromoform	NA	NA	NA	0.006 U	
Bromomethane	NA	NA	NA	0.010 U	
2-Butanone	NA	NA	NA	0.010 U	
Carbon Disulfide	NA	NA	NA	0.006 U	
Carbon Tetrachloride	NA	NA	NA	0.006 U	
Chlorobenzene	NA	NA	NA	0.006 U	
Chlorodibromomethane	NA	NA	NA	0.006 U	
Chloroethane	NA	NA	NA	0.010 U	
Chloroform	NA	NA	NA	0.010 U	
Chloromethane	NA	NA	NA	0.006 U	
1,1-Dichloroethane	NA	NA	NA	0.006 U	
1,2-Dichloroethane	NA	NA	NA	0.006 U	
1,1-Dichloroethene	NA	NA	NA	0.006 U	
Cis-1,2-Dichloroethene	NA	NA	NA	0.006 U	
Trans-1,2-Dichloroethene	NA	NA	NA	0.006 U	
1,2-Dichloropropane	NA	NA	NA	0.006 U	
Cis-1,3-Dichloropropene	NA	NA	NA	0.006 U	
Trans-1,3-Dichloropropene	NA	NA	NA	0.006 U	
Ethylbenzene	NA	NA	NA	0.006 U	
2-hexanone	NA	NA	NA	0.020 U	
4-methyl-2-pentanone	NA	NA	NA	0.010 U	
Methylene Chloride	NA	NA	NA	0.006 U	
Styrene	NA	NA	NA	0.006 U	
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.006 U	
Tetrachloroethene	NA	NA	NA	0.006 U	
Toluene	NA	NA	NA	0.006 U	
1,1,1-Trichloroethane	NA	NA	NA	0.006 U	
1,1,2-Trichloroethane	NA	NA	NA	0.006 U	
Trichloroethene	NA	NA	NA	0.006 U	
Vinyl Acetate	NA	NA	NA	NA	
Vinyl Chloride	NA	NA	NA	0.010 U	
Xylenes (total)	NA	NA	NA	0.010 U	
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	0.400 U	
2-Chlorophenol	NA	NA	NA	0.400 U	
2.4-Dimethylphenol	NA	NA	NA	0.400 U	
2,4-Dinitrophenol	NA	NA	NA	2.000 U	
4,6-Dinitro-2-Methylphenol	NA	NA	NA	2.000 U	
2-Methylphenol	NA	NA	NA	0.400 U	
3&4-Methylphenol	NA	NA	NA	0.400 U	
2-Nitrophenol	NA	NA	NA	0.400 U	
4-Nitrophenol	NA	NA	NA	2.000 U	
Pentrachlorophenol	NA	NA	NA	2.000 U	
Phenol	NA	NA	NA	0.400 U	
2,4,5-Trichlorophenol	NA	NA	NA	2.000 U	
2,4,6-Trichlorophenol	NA	NA	NA	0.400 U	
Acenaphthene	0.025 U	0.025 U	0.025 U	0.400 U	
Acenaphthylene	0.025 U	0.025 U	0.025 U	0.400 U	
Anthracene	0.025 U	0.025 U	0.025 U	0.400 U	
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	0.150 J	
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	0.230 J	
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	0.180 J	
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.180 J	
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	0.220 J	
Butylbenzylphthalate	NA	NA	N/A	0.400 U	
Bis(2-chloroethoxy)methane	NA	NA	N/A	0.400 U	
Bis(2-chloroethyl) ether	NA	NA	N/A	0.400 U	
Bis(2-chloroisopropyl) ether	NA	NA	N/A	NA	
Bis(2-ethylhexyl)phthalate	NA	NA	N/A	0.400 U	
4-bromaphenylphenylether	NA	NA	N/A	0.400 U	
Carbazole	NA	NA	N/A	0.400 U	

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(4) WT~ n' bgs - Water Table approximately n feet below ground surface
(5) WT~ NE - Water Table not encountered

Table 6 (Continued)
Soil Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	MW-101 8-10'	MW-102 3-5'	B-101 4-6'	SS-05 0.5-1'	
	WT ~ 10.5' bgs	WT ~ 7' bgs	WT ~ 12' bgs	WT ~ NE	
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	NA	NA	NA	0.400 U	
4-Chlorophenyl-phenylether	NA	NA	NA	0.400 U	
4-Chloroaniline	NA	NA	NA	0.400 U	
Chrysene	0.025 U	0.025 U	0.025 U	240 J	
Dibenzo[a,h]anthracene	0.025 U	0.025 U	0.025 U	280 J	
Dibenzofuran	NA	NA	NA	0.400 U	
Di-n-butylphthalate	NA	NA	NA	0.400 U	
1,2-Dichlorobenzene	NA	NA	NA	0.400 U	
1,3-Dichlorobenzene	NA	NA	NA	0.400 U	
1,4-Dichlorobenzene	NA	NA	NA	0.400 U	
3,3-Dichlorobenzidine	NA	NA	NA	0.810 U	
2,4-Dichlorophenol	NA	NA	NA	0.400 U	
Diethylphthalate	NA	NA	NA	0.400 U	
Dimethylphthalate	NA	NA	NA	0.400 U	
2,4-Dinitrotoluene	NA	NA	NA	0.400 U	
2,6-Dinitrotoluene	NA	NA	NA	0.400 U	
Di-n-octylphthalate	NA	NA	NA	0.400 U	
Fluoranthene	0.025 U	0.025 U	0.025 U	0.300 J	
Fluorene	0.025 U	0.025 U	0.025 U	0.400 U	
Hexachlorobenzene	NA	NA	NA	0.400 U	
Hexachlorobutadiene	NA	NA	NA	0.400 U	
Hexachlorocyclopentadiene	NA	NA	NA	0.400 U	
Hexachloroethane	NA	NA	NA	0.400 U	
Indeno(1,2,3-cd)pyrene	0.025 UJ	0.025 UJ	0.025 UJ	0.180 J	
Isophorone	NA	NA	NA	0.400 U	
2-Methylnaphthalene	NA	NA	NA	0.400 U	
Naphthalene	0.025 U	0.025 U	0.025 U	0.400 U	
2-Nitroaniline	NA	NA	NA	2.000 U	
3-Nitroaniline	NA	NA	NA	2.000 U	
4-Nitroaniline	NA	NA	NA	2.000 U	
Nitrobenzene	NA	NA	NA	0.400 U	
N-nitrosodi-n-propylamine	NA	NA	NA	0.400 U	
N-Nitrosodimethylamine	NA	NA	NA	NA	
N-nitrosodiphenylamine	NA	NA	NA	0.400 U	
Phenanthrene	0.025 U	0.025 U	0.025 U	0.140 J	
Pyrene	0.025 U	0.025 U	0.025 U	0.400 U	
1,2,4-Trichlorobenzene	NA	NA	NA	0.400	
Priority Pollutant Metals (mg/kg)					
Antimony	1.40 U	1.40 U	1.30 U	NA	
Arsenic	6.30	5.60	1.80	5.30	
Barium	42.50	55.10	38.30	51.60	
Beryllium	0.69	0.83	0.71	NA	
Cadmium	0.14 U	0.14 U	0.13 U	1.10 U	
Chromium	18.40	21.70	20.20	17.60	
Copper	27.70	23.10	22.00	NA	
Iron	17,400	22,300	14,400	NA	
Lead	12.50	12.20	11.40	66.20	
Mercury	0.05	0.04 U	0.04 U	0.14	
Nickel	29.80	26.90	27.20	NA	
Selenium	0.35 U	0.60	0.34 U	0.94	
Silver	0.35 U	0.34 U	0.38 U	1.10 U	
Thallium	0.75	1.00	0.81	NA	
Zinc	45.90	48.40	51.5	NA	
Total Cyanide	NA	NA	NA	NA	
SPLP Selected Metals (mg/L)					
SPLP Barium	NA	NA	NA	NA	
SPLP Cadmium	NA	NA	NA	NA	
SPLP Chromium	NA	NA	NA	NA	
SPLP Lead	NA	NA	NA	NA	
SPLP Mercury	NA	NA	NA	NA	
SPLP Selenium	NA	NA	NA	NA	
SPLP Silver	NA	NA	NA	NA	

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) WT~ n' bgs - Water Table approximately n feet below ground surface.
(5) WT~ NE - Water Table not encountered.

Table 7
Soil Analytical Results for Pesticides and Polychlorinated Biphenols (PCBs)
Rogers Park East Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration							
	PBS-B4 1-3'	PBS-B16 8-10'	PBS-17 6-8'	B-01 1-2'	SS-01 0.5-1'	SS-02 0.5-1'	SS-03 0.5-1'	SS-04 0.5-1'
	WT ~ 6' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 12' bgs	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
Pesticides (mg/kg)								
4,4'-DDD	0.0113 U	0.0113 U	0.0105 U	NA	NA	NA	NA	NA
4,4'-DDE	0.0107 U	0.0107 U	0.00994 U	NA	NA	NA	NA	NA
4,4'-DDT	0.00753 U	0.00753 U	0.007 U	NA	NA	NA	NA	NA
Aldrin	0.00397 U	0.00397 U	0.00369 U	NA	NA	NA	NA	NA
alpha-BHC	0.0066 U	0.0066 U	0.00613 U	NA	NA	NA	NA	NA
beta-BHC	0.00873 U	0.00873 U	0.00811 U	NA	NA	NA	NA	NA
delta-BHC	0.00767 U	0.00767 U	0.00713 U	NA	NA	NA	NA	NA
a-Chlordane	0.00941 U	0.00643 U	0.00874 U	NA	NA	NA	NA	NA
gamma-BHC	0.00643 U	0.00941 U	0.00597 U	NA	NA	NA	NA	NA
g-Chlordane	0.00824 U	0.00824 U	0.00765 U	NA	NA	NA	NA	NA
Dieldrin	0.0115 U	0.0115 U	0.0107 U	NA	NA	NA	NA	NA
Endosulfan I	0.00387 U	0.00387 U	0.00359 U	NA	NA	NA	NA	NA
Endosulfan II	0.015 U	0.015 U	0.0139 U	NA	NA	NA	NA	NA
Endosulfan sulfate	0.00927 U	0.00927 U	0.00861 U	NA	NA	NA	NA	NA
Endrin	0.00717 U	0.00717 U	0.00666 U	NA	NA	NA	NA	NA
Endrin Aldehyde	0.00946 U	0.00946 U	0.00879 U	NA	NA	NA	NA	NA
Endrin Ketone	0.00762 U	0.00762 U	0.00708 U	NA	NA	NA	NA	NA
Heptachlor	0.00403 U	0.00403 U	0.00374 U	NA	NA	NA	NA	NA
Heptachlor Epoxide	0.00556 U	0.00556 U	0.00516 U	NA	NA	NA	NA	NA
Methoxychlor	0.00454 U	0.00454 U	0.00421 U	NA	NA	NA	NA	NA
Toxaphene	0.101 U	0.101 U	0.0936 U	NA	NA	NA	NA	NA
PCBs (mg/kg)								
Aroclor 1016	0.0873 U	0.0873 U	0.0811 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1221	0.0873 U	0.0873 U	0.0811 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1232	0.0634 U	0.0634 U	0.0589 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1242	0.0873 U	0.0873 U	0.0811 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1248	0.0949 U	0.0949 U	0.0881 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1254	0.0383 U	0.0383 U	0.0356 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U
Aroclor 1260	0.0752 U	0.0752 U	0.0698 U	0.010 U	0.010 U	0.054 U	0.021 U	0.052 U

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) NA - Not Analyzed

(3) WT ~ n' bgs - Water Table approximately n feet below ground surface.

(4) WT ~ NE - Water Table not encountered.

(5) mg/kg - Milligrams per kilogram

Table 8
Groundwater Analytical Laboratory Results
Rogers Park East Parcel

Compound/Analyte	Sample Location and Date Sampled/Concentration				
	RPM-MW001-002 6/22/01	RPM-MW002-002 6/22/01	RPM-MW003-002 6/22/01	RPM-MW004-002 6/22/01	RPM-MW005-002 6/22/01
TCL VOCs (mg/L)					
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon Disulfide	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-Dichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2 Dichloropropane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-dichloropropene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethyl Benzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethylene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Vinyl Chloride	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/L)					
Naphthalene	0.001 U	0.001 U	0.001 U	0.001 U	0.009
Acenaphthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.002 U	0.003
Phenanthrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chrysene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Benzo(a)anthracene	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
Benzo(b)fluoranthene	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Benzo(k)fluoranthene	0.00017 U	0.00017 U	0.00017 U	0.00017 U	0.00017 U
Benzo(a)pyrene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Indeno(1,2,3-cd)pyrene	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Dibenzo(a,h)anthracene	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Benzo(g,h,i)perylene	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
RCRA Metals and Total Cyanide (mg/L)					
Arsenic	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Barium	0.016	0.017	0.022	0.016	0.119
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Mercury	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Selenium	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Total Cyanide	0.365	0.089	0.01 U	0.015	0.015

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

Table 9
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB49-001 1-2'	RPM-SB50-001 0-1'	RPM-SB50-002 2-3'	RPM-SB51-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	NA	NA	NA	NA
Benzene	12	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	10	NA	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA	NA
Chlorodibromomethane	1,600	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	780	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	1,600	NA	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA	NA
Styrene	16,000	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	310	NA	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.005 U	0.008 J	0.005 U	0.016
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentrachlorophenol	3	NA	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	23,000	0.025 U	0.050	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	0.9	0.025 U	0.234	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	0.9	0.025 U	0.365	0.03 U	0.025 U	0.025 U
Benzo[k]fluoranthene	9	0.025 U	0.160	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.079	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	0.09	0.025 U	0.208	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	16,000	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB49-001 1-2'	RPM-SB50-001 0-1'	RPM-SB50-002 2-3'	RPM-SB51-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA	NA
Chrysene	88	0.025 U	0.365	0.029	0.025 U	0.025 U
Dibenzo[a,h]anthracene	0.09	0.025 U	0.085	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA	NA
Fluoranthene	3,100	0.025 U	0.436	0.036	0.025 U	0.025 U
Fluorene	3,100	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.097	0.025 U	0.025 U	0.025 U
Isophorone	15,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	1,600	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.216	0.025 U	0.025 U	0.025 U
Pyrene	2,300	0.025 U	0.349	0.031	0.025 U	0.025 U
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	0.785	3.58	5.48	13.80	5.24
Barium	5,500	121.0	31.4	80.9	42.5	64.1
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	230	4.75	9.55	19.80	22.10	19.30
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	3.3	37.3	40.5	19.9	28.4
Mercury	23	0.040 U	0.133	0.072	0.040 U	0.045
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.100	1.00 U	1.00 U
Silver	390	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-001 1-2'	RPM-SB53-001 1-2'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'	RPM-SB55-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	NA	NA	NA	NA
Benzene	12	0.002 UJ	0.002	0.002	0.002	0.002 U
Bromodichloromethane	10	NA	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA	NA
Chlorodibromomethane	1,600	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	780	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	1,600	NA	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA	NA
Styrene	16,000	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA	NA
Toluene	16,000	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	310	NA	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentrachlorophenol	3	NA	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	23,000	0.025 U	0.025 U	0.025 U	0.025 U	0.027
Benzo[a]anthracene	0.9	0.025 U	0.025 U	0.043	0.025 U	0.124
Benzo[b]fluoranthene	0.9	0.025 U	0.025 U	0.062	0.025 U	0.099
Benzo[k]fluoranthene	9	0.025 U	0.025 U	0.035	0.025 U	0.075
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.040
Benzo[a]pyrene	0.09	0.025 U	0.025 U	0.036	0.025 U	0.099
Butylbenzylphthalate	16,000	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-001 1-2'	RPM-SB53-001 1-2'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'	RPM-SB55-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA	NA
Chrysene	88	0.025 U	0.025 U	0.062	0.025 U	0.178
Dibenzo[a,h]anthracene	0.09	0.025 U	0.025 U	0.025 U	0.025 U	0.027
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA	NA
Fluoranthene	3,100	0.025 U	0.025 U	0.102	0.025 U	0.218
Fluorene	3,100	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.025 U	0.025 U	0.025 U	0.047
Isophorone	15,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	1,600	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.045	0.025 U	0.142
Pyrene	2,300	0.025 U	0.025 U	0.086	0.025 U	0.195
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	6.32	5.18	16.60	10.30	5.11
Barium	5,500	57.4	68.6	32.8	24.8	75.9
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	230	20.50	23.40	7.84	8.42	23.00
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	20.7	26.6	17.5	11.2	88.6
Mercury	23	0.040 U	0.058	0.040 U	0.040 U	0.084
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	390	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB55-002 2-3'	RPM-SB56-001 0-1'	RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	NA	NA	NA	NA
Benzene	12	0.002 U	0.002 U	0.002 U	0.002	0.066
Bromodichloromethane	10	NA	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA	NA
Chlorodibromomethane	1,600	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	780	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	1,600	NA	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	6.4	NA	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA	NA
Styrene	16,000	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005 U	0.005 U	0.005 U	0.005
1,1,1-Trichloroethane	--	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	310	NA	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentrachlorophenol	3	NA	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.025 U	0.134 J
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.202 J
Anthracene	23,000	0.025 U	0.027	0.025 U	0.025 U	0.242 J
Benzo[a]anthracene	0.9	0.025 U	0.145	0.025 U	0.025 U	1.51 J
Benzo[b]fluoranthene	0.9	0.025 U	0.121	0.025 U	0.025 U	0.968 J
Benzo[k]fluoranthene	9	0.025 U	0.119	0.025 U	0.025 U	1.04 J
Benzo[g,h,i]perylene	--	0.025 U	0.052	0.025 U	0.025 U	0.262 J
Benzo[a]pyrene	0.09	0.025 U	0.142	0.025 U	0.025 U	1.960 J
Butylbenzylphthalate	16,000	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB55-002 2-3'	RPM-SB56-001 0-1'	RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA	NA
Chrysene	88	0.025 U	0.231	0.025 U	0.025 U	1.74 J
Dibenzo[a,h]anthracene	0.09	0.025 U	0.041	0.025 U	0.025 U	0.167 J
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA	NA
Fluoranthene	3,100	0.025 U	0.279	0.025 U	0.025 U	2.05 J
Fluorene	3,100	0.025 U	0.025 U	0.025 U	0.025 U	0.087 J
Hexachlorobenzene	0.4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.059	0.025 U	0.025 U	0.241 J
Isophorone	15,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	1,600	0.025 U	0.025 U	0.025 U	0.025 U	0.126 J
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.112	0.025 U	0.025 U	1.25 J
Pyrene	2,300	0.025 U	0.272	0.025 U	0.025 U	2.29 J
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	3.01	6.17	4.66	7.60	9.99
Barium	5,500	57.4	72.3	68.2	46.2	57.7
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.500 U	0.706	0.500 U	0.500 U	0.500 U
Chromium	230	20.9	17.0	22.1	22.1	17.2
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	16.3	83.3	22.2	15.6	50.4
Mercury	23	0.040 U	0.150	0.040 U	0.040 U	0.072
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	390	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB58-001 2-3'	RPM-SB59-001 1-2'	B-01 1-2'	TR-01 2-3'	MW-02 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	NA	0.01 U	0.01 U	0.01 U
Benzene	12	0.022	0.002 U	0.006 U	0.006 U	0.006 U
Bromodichloromethane	10	NA	NA	0.006 U	0.006 U	0.006 U
Bromoform	81	NA	NA	0.006 U	0.006 U	0.006 U
Bromomethane	--	NA	NA	0.010 U	0.010 U	0.010 U
2-Butanone	--	NA	NA	0.010 U	0.010 U	0.010 U
Carbon Disulfide	7,800	NA	NA	0.006 U	0.006 U	0.006 U
Carbon Tetrachloride	5	NA	NA	0.006 U	0.006 U	0.006 U
Chlorobenzene	1,600	NA	NA	0.006 U	0.006 U	0.006 U
Chlorodibromomethane	1,600	NA	NA	0.006 U	0.006 U	0.006 U
Chloroethane	--	NA	NA	0.010 U	0.010 U	0.010 U
Chloroform	100	NA	NA	0.006 U	0.006 U	0.006 U
Chloromethane	--	NA	NA	0.006 U	0.006 U	0.006 U
1,1-Dichloroethane	7,800	NA	NA	0.006 U	0.006 U	0.006 U
1,2-Dichloroethane	7	NA	NA	0.006 U	0.006 U	0.006 U
1,1-Dichloroethene	700	NA	NA	0.006 U	0.006 U	0.006 U
Cis-1,2-Dichloroethene	780	NA	NA	0.006 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	1,600	NA	NA	0.006 U	0.006 U	0.006 U
1,2-Dichloropropane	9	NA	NA	0.006 U	0.006 U	0.006 U
Cis-1,3-Dichloropropene	6.4	NA	NA	0.006 U	0.006 U	0.006 U
Trans-1,3-Dichloropropene	6.4	NA	NA	0.006 U	0.006 U	0.006 U
Ethylbenzene	7,800	0.005 U	0.005 U	0.006 U	0.006 U	0.006 U
2-hexanone	--	NA	NA	0.030 U	0.020 U	0.020 U
4-methyl-2-pentanone	--	NA	NA	0.010 U	0.010 U	0.010 U
Methylene Chloride	85	NA	NA	0.006 U	0.006 U	0.006 U
Styrene	16,000	NA	NA	0.006 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	--	NA	NA	0.006 U	0.006 U	0.006 U
Tetrachloroethene	12	NA	NA	0.006 U	0.006 U	0.006 U
Toluene	16,000	0.005 U	0.005 U	0.006 U	0.006 U	0.006 U
1,1,1-Trichloroethane	--	NA	NA	0.006 U	0.006 U	0.006 U
1,1,2-Trichloroethane	310	NA	NA	0.006 U	0.006 U	0.006 U
Trichloroethene	58	NA	NA	0.006 U	0.006 U	0.006 U
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	NA	0.010 U	0.010 U	0.010 U
Xylenes (total)	160,000	0.005 U	0.005 U	0.010 U	0.010 U	0.010 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	0.420 U	0.400 U	0.390 U
2-Chlorophenol	390	NA	NA	0.420 U	0.400 U	0.390 U
2,4-Dimethylphenol	1,600	NA	NA	0.420 U	0.400 U	0.390 U
2,4-Dinitrophenol	160	NA	NA	2.100 U	2.000 U	2.00 U
4,6-Dinitro-2-Methylphenol	--	NA	NA	2.100 U	2.000 U	2.00 U
2-Methylphenol	3,900	NA	NA	0.420 U	0.400 U	0.390 U
3&4-Methylphenol	--	NA	NA	0.420 U	0.400 U	0.390 U
2-Nitrophenol	--	NA	NA	0.420 U	0.400 U	0.390 U
4-Nitrophenol	--	NA	NA	2.100 U	2.000 U	2.00 U
Pentrachlorophenol	3	NA	NA	2.100 U	2.000 U	2.00 U
Phenol	47,000	NA	NA	0.420 U	0.400 U	0.390 U
2,4,5-Trichlorophenol	7,800	NA	NA	2.100 U	2.000 U	2.00 U
2,4,6-Trichlorophenol	58	NA	NA	0.420 U	0.400 U	0.390 U
Acenaphthene	4,700	0.025 U	1.010	0.420 U	0.400 U	0.390 U
Acenaphthylene	--	0.025 U	0.050	0.420 U	0.400 U	0.390 U
Anthracene	23,000	0.025 U	2.750	0.420 U	0.400 U	170 J
Benzo[a]anthracene	0.9	0.025 U	5.550	0.420 U	0.400 U	0.460
Benzo[b]fluoranthene	0.9	0.025 U	5.690	0.420 U	0.400 U	0.520
Benzo[k]fluoranthene	9	0.025 U	3.920	0.420 U	0.400 U	0.200
Benzo[g,h,i]perylene	--	0.025 U	2.540	0.420 U	0.400 U	0.270
Benzo[a]pyrene	0.09	0.025 U	4.940	0.420 U	0.400 U	0.400
Butylbenzylphthalate	16,000	NA	NA	0.420 U	0.400 U	0.390 J
Bis(2-chloroethoxy)methane	--	NA	NA	0.420 U	0.400 U	0.390 J
Bis(2-chloroethyl) ether	0.6	NA	NA	0.420 U	0.400 U	0.390 J
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	0.420 U	0.400 U	0.390 J
4-bromaphenylphenylether	--	NA	NA	0.420 U	0.400 U	0.390 J
Carbazole	32	NA	NA	0.420 U	0.400 U	0.390 J

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB58-001 2-3'	RPM-SB59-001 1-2'	B-01 1-2'	TR-01 2-3'	MW-02 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	0.42 U	0.4 U	0.39 U
4-Chlorophenyl-phenylether	--	NA	NA	0.42 U	0.4 U	0.39 U
4-Chloroaniline	310	NA	NA	0.42 U	0.4 U	0.39 U
Chrysene	88	0.025 U	7.060	0.42 U	0.4 U	0.49
Dibenzo[a,h]anthracene	0.09	0.025 U	1.710	0.42 U	0.4 U	0.39 U
Dibenzofuran	--	NA	NA	0.42 U	0.4 U	0.39 U
Di-n-butylphthalate	--	NA	NA	0.42 U	0.4 U	0.39 U
1,2-Dichlorobenzene	7,000	NA	NA	0.42 U	0.4 U	0.39 U
1,3-Dichlorobenzene	--	NA	NA	0.42 U	0.4 U	0.39 U
1,4-Dichlorobenzene	--	NA	NA	0.42 U	0.4 U	0.39 U
3,3-Dichlorobenzidine	1	NA	NA	0.84 U	0.79 U	0.79 U
2,4-Dichlorophenol	230	NA	NA	0.42 U	0.44 U	0.39 U
Diethylphthalate	63,000	NA	NA	0.42 U	0.4 U	0.39 U
Dimethylphtalate	--	NA	NA	0.42 U	0.4 U	0.39 U
2,4-Dinitrotoluene	0.9	NA	NA	0.4 U	0.4 U	0.39 U
2,6-Dinitrotoluene	0.9	NA	NA	0.4 U	0.4 U	0.39 U
Di-n-octylphthalate	1,600	NA	NA	0.42 U	0.4 U	0.39 U
Fluoranthene	3,100	0.025 U	9.650	0.42 U	0.4 U	1.00
Fluorene	3,100	0.025 U	1.120	0.42 U	0.4 U	0.39 U
Hexachlorobenzene*	0.4	NA	NA	0.42 U	0.4 U	0.39 U
Hexachlorobutadiene	--	NA	NA	0.42 U	0.4 U	0.39 U
Hexachlorocyclopentadiene	550	NA	NA	0.42 U	0.4 U	0.39 U
Hexachloroethane	78	NA	NA	0.42 U	0.4 U	0.39 U
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	2.860	0.42 U	0.4 U	0.39 J
Isophorone	15,600	NA	NA	0.42 U	0.4 U	0.39 U
2-Methylnaphthalene	--	NA	NA	0.42 U	0.4 U	0.39 U
Naphthalene	1,600	0.025 U	0.966	0.42 U	0.4 U	0.39 U
2-Nitroaniline	--	NA	NA	2.1 U	20 U	20 U
3-Nitroaniline	--	NA	NA	2.1 U	20 U	20 U
4-Nitroaniline	--	NA	NA	2.1 U	20 U	20 U
Nitrobenzene	39	NA	NA	0.42 U	0.4 U	0.39 U
N-nitrosodi-n-propylamine*	0.09	NA	NA	0.42 U	0.4 U	0.39 U
N-nitrosodimethylamine	--	NA	NA	0.42 U	0.4 U	NA
N-nitrosodiphenylamine	130	NA	NA	0.42 U	0.4 U	0.390 U
Phenanthrene	--	0.025 U	7.050	0.42 U	0.4 U	0.96
Pyrene	2,300	0.025 U	8.010	0.42 U	0.4 U	1.00
1,2,4-Trichlorobenzene	780	NA	NA	0.42 U	0.4 U	0.390 U
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	3.58	9.19	7.20	5.20	7.30
Barium	5,500	45.1	124	57	43.8	74.6
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.500 U	0.500 U	0.99 U	1.00 U	0.90 U
Chromium	230	20.8	21.3	18.8	18.8	20.5
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	13.1	58.5	22.1	14.5	27.5
Mercury	23	0.040 U	0.052	0.04 U	0.04 U	0.060
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	0.740	0.500 U	0.530
Silver	390	0.500 U	0.500 U	0.99 U	1.00 U	0.90 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B1 1-3'	PBS-B2 1-3'	PBS-B3 1-3'	PBS-B4 1-3'	PBS-B5 1-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	0.02	NA	NA	NA	NA
Benzene	12	0.003 U	NA	NA	NA	NA
Bromodichloromethane	10	0.003 U	NA	NA	NA	NA
Bromoform	81	0.003 U	NA	NA	NA	NA
Bromomethane	--	0.003 U	NA	NA	NA	NA
2-Butanone	--	0.006 U	NA	NA	NA	NA
Carbon Disulfide	7,800	0.006 U	NA	NA	NA	NA
Carbon Tetrachloride	5	0.003 U	NA	NA	NA	NA
Chlorobenzene	1,600	0.003 U	NA	NA	NA	NA
Chlorodibromomethane	1,600	0.003 U	NA	NA	NA	NA
Chloroethane	--	0.003 U	NA	NA	NA	NA
Chloroform	100	0.003 U	NA	NA	NA	NA
Chloromethane	--	0.003 U	NA	NA	NA	NA
1,1-Dichloroethane	7,800	0.003 U	NA	NA	NA	NA
1,2-Dichloroethane	7	0.003 U	NA	NA	NA	NA
1,1-Dichloroethene	700	0.003 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	780	0.003 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	1,600	0.003 U	NA	NA	NA	NA
1,2-Dichloropropane	9	0.003 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	6.4	0.003 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	6.4	0.003 U	NA	NA	NA	NA
Ethylbenzene	7,800	0.003 U	NA	NA	NA	NA
2-hexanone	--	0.006 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.006 U	NA	NA	NA	NA
Methylene Chloride	85	0.007 U	NA	NA	NA	NA
Styrene	16,000	0.003 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.003 U	NA	NA	NA	NA
Tetrachloroethene	12	0.003 U	NA	NA	NA	NA
Toluene	16,000	0.003 U	NA	NA	NA	NA
1,1,1-Trichloroethane	--	0.003 U	NA	NA	NA	NA
1,1,2-Trichloroethane	310	0.003 U	NA	NA	NA	NA
Trichloroethene	58	0.003 U	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	0.003 U	NA	NA	NA	NA
Xylenes (total)	160,000	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	0.844 U	0.838 U
2-Chlorophenol	390	NA	NA	NA	0.126 U	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	0.0844 U	NA
2,4-Dinitrophenol	160	NA	NA	NA	0.0844 U	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	0.0844 U	0.838 U
2-Methylphenol	3,900	NA	NA	NA	0.0844 U	NA
3&4-Methylphenol	--	NA	NA	NA	0.0844 U	0.838 U
2-Nitrophenol	--	NA	NA	NA	0.105 U	NA
4-Nitrophenol	--	NA	NA	NA	0.0844 U	0.838 U
Pentrachlorophenol	3	NA	NA	NA	0.105 U	0.104 U
Phenol	47,000	NA	NA	NA	0.0844 U	0.838 U
2,4,5-Trichlorophenol	7,800	NA	NA	NA	0.126 U	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	0.126 U	NA
Acenaphthene	4,700	0.0326 U	0.0336 U	0.0333 U	0.0105 U	0.0104 U
Acenaphthylene	--	0.0208 U	0.0215 U	0.038	0.021 U	0.209 U
Anthracene	23,000	0.000844 U	0.007	0.001	0.0013	0.0104 U
Benzo[a]anthracene	0.9	0.003	0.027	0.005	0.00202 U	0.0104 U
Benzo[b]fluoranthene	0.9	0.004	0.029	0.007	0.004	0.0104 U
Benzo[k]fluoranthene	9	0.002	0.016	0.003	0.002	0.0416 U
Benzo[g,h,i]perylene	--	0.003	0.021	0.008	0.002	0.0416 U
Benzo[a]pyrene	0.09	0.003	0.030	0.003	0.00185 U	0.0209 U
Butylbenzylphthalate	16,000	NA	NA	NA	0.0844 U	0.0838 U
Bis(2-chloroethoxy)methane	--	NA	NA	NA	0.0844 U	0.0838 U
Bis(2-chloroethyl) ether	0.6	NA	NA	NA	0.0844 U	0.0838 U
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	0.0844 U	0.0838 U
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	0.0844 U	0.0838 U
4-bromaphenylphenylether	--	NA	NA	NA	0.0844 U	0.0838 U
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B1 1-3'	PBS-B2 1-3'	PBS-B3 1-3'	PBS-B4 1-3'	PBS-B5 1-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	0.0844 U	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.0844 U	0.0838 U
4-Chloroaniline	310	NA	NA	NA	0.0844 U	0.0838 U
Chrysene	88	0.003	0.036	0.0062	0.003 U	0.0104 U
Dibenzo[a,h]anthracene	0.09	0.00617 U	0.013	0.0063 U	0.00623 U	0.0416 U
Dibenzofuran	--	NA	NA	NA	0.0844 U	0.0838 U
Di-n-butylphthalate	--	NA	NA	NA	0.126 U	0.125 U
1,2-Dichlorobenzene	7,000	NA	NA	NA	0.0844 U	NA
1,3-Dichlorobenzene	--	NA	NA	NA	0.0844 U	NA
1,4-Dichlorobenzene	--	NA	NA	NA	0.0844 U	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	0.0844 U	0.0838 U
2,4-Dichlorophenol	230	NA	NA	NA	0.126 U	NA
Diethylphthalate	63,000	NA	NA	NA	0.0844 U	0.0838 U
Dimethylphtalate	--	NA	NA	NA	0.0844 U	0.0838 U
2,4-Dinitrotoluene	0.9	NA	NA	NA	0.0844 U	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	0.0844 U	NA
Di-n-octylphthalate	1,600	NA	NA	NA	0.0844 U	0.0838 U
Fluoranthene	3,100	0.00134 U	0.049	0.010	0.003	0.0104 U
Fluorene	3,100	0.0114 U	0.0118 U	0.01170 U	0.0115 U	0.0209 U
Hexachlorobenzene	0.4	NA	NA	NA	0.1050 U	0.104 U
Hexachlorobutadiene	--	NA	NA	NA	0.0844 U	0.0838 U
Hexachlorocyclopentadiene	550	NA	NA	NA	0.0844 U	0.0838 U
Hexachloroethane	78	NA	NA	NA	0.0844 U	0.0838 U
Indeno[1,2,3-cd]pyrene	0.9	0.00055 U	0.010	0.000562 U	0.000556 U	0.0416 U
Isophorone	15,600	NA	NA	NA	0.0844 U	0.0838 U
2-Methylnaphthalene	--	NA	NA	NA	0.0844 U	NA
Naphthalene	1,600	0.00877 U	0.00905 U	0.00896 U	0.00886 U	0.0104 U
2-Nitroaniline	--	NA	NA	NA	0.0844 U	NA
3-Nitroaniline	--	NA	NA	NA	0.0844 U	0.0838 U
4-Nitroaniline	--	NA	NA	NA	0.0844 U	0.0838 U
Nitrobenzene	39	NA	NA	NA	0.0844 U	0.0838 U
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	0.0844 U	0.0838 U
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	0.0844 U	0.0838 U
Phenanthrene	--	0.00125 U	0.025	0.006	0.009	0.0104 U
Pyrene	2,300	0.00354 U	0.044	0.009	0.019	0.0104 U
1,2,4-Trichlorobenzene	780	NA	NA	NA	0.0844 U	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	9.48	15.60	7.76	19.20	16.30
Barium	5,500	33.4	46.5	41.2	53.6	35.0
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.00624 U	0.00644 U	0.00638 U	0.00631 U	0.00623 U
Chromium	230	15.7	18.3	16.4	18.4	14.6
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	15.7	29.2	25.8	24.6	23.7
Mercury	23	0.0499 U	0.250	0.0510 U	0.0504 U	0.0499 U
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	0.497 U	0.512 U	0.398 U	0.502 U	0.496 U
Silver	390	0.350 U	0.360 U	0.357 U	0.353 U	0.349 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	NA	NA	NA	NA	NA

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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface
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Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B6 1-3'	PBS-B7 1-3'	PBS-B8 1-3'	PBS-B9 1-3'	PBS-B10 1-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	0.02	NA	NA	NA
Benzene	12	NA	0.004 U	NA	NA	NA
Bromodichloromethane	10	NA	0.004 U	NA	NA	NA
Bromoform	81	NA	0.004 U	NA	NA	NA
Bromomethane	--	NA	0.004 U	NA	NA	NA
2-Butanone	--	NA	0.008 U	NA	NA	NA
Carbon Disulfide	7,800	NA	0.008 U	NA	NA	NA
Carbon Tetrachloride	5	NA	0.004 U	NA	NA	NA
Chlorobenzene	1,600	NA	0.004 U	NA	NA	NA
Chlorodibromomethane	1,600	NA	0.004 U	NA	NA	NA
Chloroethane	--	NA	0.004 U	NA	NA	NA
Chloroform	100	NA	0.004 U	NA	NA	NA
Chloromethane	--	NA	0.004 U	NA	NA	NA
1,1-Dichloroethane	7,800	NA	0.004 U	NA	NA	NA
1,2-Dichloroethane	7	NA	0.004 U	NA	NA	NA
1,1-Dichloroethene	700	NA	0.004 U	NA	NA	NA
Cis-1,2-Dichloroethene	780	NA	0.004 U	NA	NA	NA
Trans-1,2-Dichloroethene	1,600	NA	0.004 U	NA	NA	NA
1,2-Dichloropropane	9	NA	0.004 U	NA	NA	NA
Cis-1,3-Dichloropropene	6.4	NA	0.004 U	NA	NA	NA
Trans-1,3-Dichloropropene	6.4	NA	0.004 U	NA	NA	NA
Ethylbenzene	7,800	NA	0.004 U	NA	NA	NA
2-hexanone	--	NA	0.008 U	NA	NA	NA
4-methyl-2-pentanone	--	NA	0.008 U	NA	NA	NA
Methylene Chloride	85	NA	0.0096 U	NA	NA	NA
Styrene	16,000	NA	0.004 U	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	0.004 U	NA	NA	NA
Tetrachloroethene	12	NA	0.004 U	NA	NA	NA
Toluene	16,000	NA	0.004 U	NA	NA	NA
1,1,1-Trichloroethane	--	NA	0.004 U	NA	NA	NA
1,1,2-Trichloroethane	310	NA	0.004 U	NA	NA	NA
Trichloroethene	58	NA	0.004 U	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	0.004 U	NA	NA	NA
Xylenes (total)	160,000	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentrachlorophenol	3	NA	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA	NA
Acenaphthene	4,700	0.0349 U	0.0341 U	0.0311 U	0.655 U	0.0322 U
Acenaphthylene	--	0.0223 U	0.0218 U	0.0199 U	0.419 U	0.0206 U
Anthracene	23,000	0.000903 U	0.000884 U	0.000805 U	1.070	0.001
Benzo[a]anthracene	0.9	0.010	0.00209 U	0.0023	2.130	0.005
Benzo[b]fluoranthene	0.9	0.012	0.002	0.0031	1.790	0.006
Benzo[k]fluoranthene	9	0.006	0.001	0.0017	0.995	0.003
Benzo[g,h,i]perylene	--	0.009	0.003	0.0021	1.350	0.010
Benzo[a]pyrene	0.09	0.009	0.002	0.00175 U	1.980	0.003
Butylbenzylphthalate	16,000	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B6 1-3'	PBS-B7 1-3'	PBS-B8 1-3'	PBS-B9 1-3'	PBS-B10 1-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA	NA
Chrysene	88	0.011	0.002	0.003	2.260	0.005
Dibenzo[a,h]anthracene	0.09	0.008	0.00646 U	0.00588 U	0.511	0.0061 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA	NA
Fluoranthene	3,100	0.011	0.002	0.004	4.530	0.009
Fluorene	3,100	0.0122 U	0.012 U	0.0109 U	0.560	0.0113 U
Hexachlorobenzene	0.4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.005	0.000577 U	0.000525 U	0.450	0.002
Isophorone	15,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	1,600	0.00939 U	0.0092 U	0.00837 U	2.060	0.00868 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA	NA
Phenanthrene	--	0.002	0.003	0.003	5.810	0.008
Pyrene	2,300	0.00379 U	0.00371 U	0.00338 U	1.980	0.0035 U
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	15.9	23.3	10.8	20.4	15.1
Barium	5,500	40.0	45.7	38.0	78.7	39.0
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.00668 U	0.00654 U	0.00596 U	0.00627 U	0.00617 U
Chromium	230	16.4	18.8	12.8	16.2	14.3
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	20.0	21.1	14.9	55.6	29.9
Mercury	23	0.0535 U	0.0524 U	0.0477 U	0.0502 U	0.0494 U
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	0.532 U	0.521 U	0.474 U	0.499 U	0.491 U
Silver	390	0.374 U	0.366 U	0.334 U	0.351 U	0.346 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
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(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B11 1-3'	PBS-B12 1-3'	PBS-B13 1-3'	PBS-B14 1-3'	PBS-B15 1-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	7,800	NA	NA	0.03	NA	NA
Benzene	12	NA	NA	0.00322 U	NA	NA
Bromodichloromethane	10	NA	NA	0.00322 U	NA	NA
Bromoform	81	NA	NA	0.00322 U	NA	NA
Bromomethane	--	NA	NA	0.00322 U	NA	NA
2-Butanone	--	NA	NA	0.00645 U	NA	NA
Carbon Disulfide	7,800	NA	NA	0.00645 U	NA	NA
Carbon Tetrachloride	5	NA	NA	0.00322 U	NA	NA
Chlorobenzene	1,600	NA	NA	0.00322 U	NA	NA
Chlorodibromomethane	1,600	NA	NA	0.00322 U	NA	NA
Chloroethane	--	NA	NA	0.00322 U	NA	NA
Chloroform	100	NA	NA	0.00322 U	NA	NA
Chloromethane	--	NA	NA	0.00322 U	NA	NA
1,1-Dichloroethane	7,800	NA	NA	0.00322 U	NA	NA
1,2-Dichloroethane	7	NA	NA	0.00322 U	NA	NA
1,1-Dichloroethene	700	NA	NA	0.00322 U	NA	NA
Cis-1,2-Dichloroethene	780	NA	NA	0.00322 U	NA	NA
Trans-1,2-Dichloroethene	1,600	NA	NA	0.00322 U	NA	NA
1,2-Dichloropropane	9	NA	NA	0.00322 U	NA	NA
Cis-1,3-Dichloropropene	6.4	NA	NA	0.00322 U	NA	NA
Trans-1,3-Dichloropropene	6.4	NA	NA	0.00322 U	NA	NA
Ethylbenzene	7,800	NA	NA	0.00322 U	NA	NA
2-hexanone	--	NA	NA	0.00645 U	NA	NA
4-methyl-2-pentanone	--	NA	NA	0.00645 U	NA	NA
Methylene Chloride	85	NA	NA	0.00774 U	NA	NA
Styrene	16,000	NA	NA	0.00322 U	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	0.00322 U	NA	NA
Tetrachloroethene	12	NA	NA	0.00322 U	NA	NA
Toluene	16,000	NA	NA	0.00322 U	NA	NA
1,1,1-Trichloroethane	--	NA	NA	0.00322 U	NA	NA
1,1,2-Trichloroethane	310	NA	NA	0.00322 U	NA	NA
Trichloroethene	58	NA	NA	0.00322 U	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.46	NA	NA	0.00322 U	NA	NA
Xylenes (total)	160,000	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.0871 U	NA	NA	NA	NA
2-Chlorophenol	390	0.1300 U	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	0.0871 U	NA	NA	NA	NA
2,4-Dinitrophenol	160	0.0871 U	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	0.0871 U	NA	NA	NA	NA
2-Methylphenol	3,900	0.0871 U	NA	NA	NA	NA
3&4-Methylphenol	--	0.0871 U	NA	NA	NA	NA
2-Nitrophenol	--	0.1080 U	NA	NA	NA	NA
4-Nitrophenol	--	0.0871 U	NA	NA	NA	NA
Pentrachlorophenol	3	0.1080 U	NA	NA	NA	NA
Phenol	47,000	0.0871 U	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	0.130 U	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	0.130 U	NA	NA	NA	NA
Acenaphthene	4,700	0.0108 U	0.0321 U	0.0317 U	0.0347 U	0.0304 U
Acenaphthylene	--	0.0217 U	0.0205 U	0.0203 U	0.0222 U	0.0195 U
Anthracene	23,000	0.0009 U	0.002	0.00082 U	0.001	0.0015
Benzo[a]anthracene	0.9	0.0036	0.013	0.00194 U	0.006	0.0189
Benzo[b]fluoranthene	0.9	0.0051	0.0154	0.002	0.007	0.0221
Benzo[k]fluoranthene	9	0.0028	0.008	0.001	0.004	0.0114
Benzo[g,h,i]perylene	--	0.0037	0.0104	0.0015 U	0.005	0.0159
Benzo[a]pyrene	0.09	0.00191 U	0.013	0.002	0.004	0.0213
Butylbenzylphthalate	16,000	0.0871 U	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	0.0871 U	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.6	0.0871 U	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	0.0871 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	0.0871 U	NA	NA	NA	NA
4-bromaphenylphenylether	--	0.0871 U	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B11 1-3' WT~ NE	PBS-B12 1-3' WT ~ NE	PBS-B13 1-3' WT ~ NE	PBS-B14 1-3' WT ~ NE	PBS-B15 1-3' WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.0871 U	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	0.0871 U	NA	NA	NA	NA
4-Chloroaniline	310	0.0871 U	NA	NA	NA	NA
Chrysene	88	0.065	0.017	0.001	0.007	0.0238
Dibenzo[a,h]anthracene	0.09	0.00641 U	0.007	0.00599 U	0.00657 U	0.0136
Dibenzofuran	--	0.0871 U	NA	NA	NA	NA
Di-n-butylphthalate	--	0.13 U	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	0.0871 U	NA	NA	NA	NA
1,3-Dichlorobenzene	--	0.0871 U	NA	NA	NA	NA
1,4-Dichlorobenzene	--	0.0871 U	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	0.0871 U	NA	NA	NA	NA
2,4-Dichlorophenol	230	0.13 U	NA	NA	NA	NA
Diethylphthalate	63,000	0.0871 U	NA	NA	NA	NA
Dimethylphtalate	--	0.0871 U	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	0.0871 U	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	0.0871 U	NA	NA	NA	NA
Di-n-octylphthalate	1,600	0.0871 U	NA	NA	NA	NA
Fluoranthene	3,100	0.007	0.027	0.002	0.0111 U	0.0401
Fluorene	3,100	0.0119 U	0.011 U	0.0111 U	0.0122 U	0.0107 U
Hexachlorobenzene	0.4	0.108 U	NA	NA	NA	NA
Hexachlorobutadiene	--	0.0871 U	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	0.0871 U	NA	NA	NA	NA
Hexachloroethane	78	0.0871 U	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.000572 U	0.005	0.000535 U	0.004	0.0076
Isophorone	15,600	0.0871 U	NA	NA	NA	NA
2-Methylnaphthalene	--	0.0871 U	NA	NA	NA	NA
Naphthalene	1,600	0.00912 U	0.011	0.00853 U	0.00935 U	0.0082 U
2-Nitroaniline	--	0.0871 U	NA	NA	NA	NA
3-Nitroaniline	--	0.0871 U	NA	NA	NA	NA
4-Nitroaniline	--	0.0871 U	NA	NA	NA	NA
Nitrobenzene	39	0.0871 U	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	0.0871 U	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	130	0.0871 U	NA	NA	NA	NA
Phenanthrene	--	0.005	0.023	0.002	0.008	0.0268
Pyrene	2,300	0.00369 U	0.015	0.00344 U	0.00378 U	0.0328
1,2,4-Trichlorobenzene	780	0.0871 U	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA	NA	NA
Arsenic	13	14.40	19.90	10.80	9.99	4.34
Barium	5,500	46.20	57.10	35.00	39.60	16.4
Beryllium	160	NA	NA	NA	NA	NA
Cadmium	78	0.00649 U	0.00614 U	0.00607 U	0.00669 U	0.00583 U
Chromium	230	19.00	15.00	14.40	15.40	7.25
Copper	2,900	NA	NA	NA	NA	NA
Lead	400	21.3	29.2	16.1	40.7	25.6
Mercury	23	0.0519 U	0.0491 U	0.0485 U	0.0535 U	0.0467 U
Nickel	1,600	NA	NA	NA	NA	NA
Selenium	390	0.517 U	0.398 U	0.483 U	0.533 U	0.476 U
Silver	390	0.364 U	0.344 U	0.340 U	0.375 U	0.327 U
Thallium	6.3	NA	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA	NA
Total Cyanide	1,600	NA	NA	NA	NA	NA

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Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3'	PBS-B17 1-3'	SS-05 0.5-1'		
		WT~ NE	WT ~ NE	WT ~ NE		
TCL VOCs (mg/kg)						
Acetone	7,800	0.032	NA	0.01 U		
Benzene	12	0.00343 U	NA	0.011		
Bromodichloromethane	10	0.00343 U	NA	0.006 U		
Bromoform	81	0.00343 U	NA	0.006 U		
Bromomethane	--	0.00343 U	NA	0.010 U		
2-Butanone	--	0.00685 U	NA	0.010 U		
Carbon Disulfide	7,800	0.00685 U	NA	0.006 U		
Carbon Tetrachloride	5	0.00343 U	NA	0.006 U		
Chlorobenzene	1,600	0.00343 U	NA	0.006 U		
Chlorodibromomethane	1,600	0.00343 U	NA	0.006 U		
Chloroethane	--	0.00343 U	NA	0.010 U		
Chloroform	100	0.00343 U	NA	0.010 U		
Chloromethane	--	0.00343 U	NA	0.006 U		
1,1-Dichloroethane	7,800	0.00343 U	NA	0.006 U		
1,2-Dichloroethane	7	0.00343 U	NA	0.006 U		
1,1-Dichloroethene	700	0.00343 U	NA	0.006 U		
Cis-1,2-Dichloroethene	780	0.00343 U	NA	0.006 U		
Trans-1,2-Dichloroethene	1,600	0.00343 U	NA	0.006 U		
1,2-Dichloropropane	9	0.00343 U	NA	0.006 U		
Cis-1,3-Dichloropropene	6.4	0.00343 U	NA	0.006 U		
Trans-1,3-Dichloropropene	6.4	0.00343 U	NA	0.006 U		
Ethylbenzene	7,800	0.00343 U	NA	0.006 U		
2-hexanone	--	0.00685 U	NA	0.020 U		
4-methyl-2-pentanone	--	0.00685 U	NA	0.010 U		
Methylene Chloride	85	0.00822 U	NA	0.006 U		
Styrene	16,000	0.00343 U	NA	0.006 U		
1,1,2,2-Tetrachloroethane	--	0.00343 U	NA	0.006 U		
Tetrachloroethene	12	0.00343 U	NA	0.006 U		
Toluene	16,000	0.00343 U	NA	0.006 U		
1,1,1-Trichloroethane	--	0.00343 U	NA	0.006 U		
1,1,2-Trichloroethane	310	0.00343 U	NA	0.006 U		
Trichloroethene	58	0.00343 U	NA	0.006 U		
Vinyl Acetate	78,000	NA	NA	NA		
Vinyl Chloride	0.46	0.00343 U	NA	0.010 U		
Xylenes (total)	160,000	NA	NA	0.010 U		
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	0.0838 U	0.400 U		
2-Chlorophenol	390	NA	0.1250 U	0.400 U		
2,4-Dimethylphenol	1,600	NA	0.0838 U	0.400 U		
2,4-Dinitrophenol	160	NA	0.0838 U	2.000 U		
4,6-Dinitro-2-Methylphenol	--	NA	0.0838 U	2.000 U		
2-Methylphenol	3,900	NA	0.0838 U	0.400 U		
3&4-Methylphenol	--	NA	0.0838 U	0.400 U		
2-Nitrophenol	--	NA	0.0838 U	0.400 U		
4-Nitrophenol	--	NA	0.0838 U	2.000 U		
Pentrachlorophenol	3	NA	0.104 U	2.000 U		
Phenol	47,000	NA	0.8380 U	0.400 U		
2,4,5-Trichlorophenol	7,800	NA	0.125 U	2.000 U		
2,4,6-Trichlorophenol	58	NA	0.125 U	0.400 U		
Acenaphthene	4,700	0.0321 U	0.0104 U	0.400 U		
Acenaphthylene	--	0.0206 U	0.0209 U	0.400 U		
Anthracene	23,000	0.006	0.012	0.400 U		
Benzo[a]anthracene	0.9	0.002	0.033	0.150 J		
Benzo[b]fluoranthene	0.9	0.003	0.038	0.230 J		
Benzo[k]fluoranthene	9	0.002	0.020	0.180 J		
Benzo[g,h,i]perylene	--	0.003	0.033	0.180 J		
Benzo[a]pyrene	0.09	0.004	0.040	0.220 J		
Butylbenzylphthalate	16,000	NA	0.0838 U	0.400 U		
Bis(2-chloroethoxy)methane	--	NA	0.0838 U	0.400 U		
Bis(2-chloroethyl) ether	0.6	NA	0.0838 U	0.400 U		
Bis(2-chloroisopropyl) ether	--	NA	0.0838 U	NA		
Bis(2-ethylhexyl)phthalate	46	NA	0.0838 U	0.400 U		
4-bromaphenylphenylether	--	NA	0.0838 U	0.400 U		
Carbazole	32	NA	NA	0.400 U		

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected. the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.

Table 9 (Continued)
Tier 1 Residential Screening: Soil Ingestion Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3' WT~ NE	PBS-B17 1-3' WT ~ NE	SS-05 0.5-1' WT ~ NE		
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	0.0838 U	0.400 U		
4-Chlorophenyl-phenylether	--	NA	0.0838 U	0.400 U		
4-Chloroaniline	310	NA	0.0838 U	0.400 U		
Chrysene	88	0.003	0.040	240 J		
Dibenzo[a,h]anthracene	0.09	0.00608 U	0.0175	280 J		
Dibenzofuran	--	NA	0.0838 U	0.400 U		
Di-n-butylphthalate	--	NA	0.125 U	0.400 U		
1,2-Dichlorobenzene	7,000	NA	0.0838 U	0.400 U		
1,3-Dichlorobenzene	--	NA	0.0838 U	0.400 U		
1,4-Dichlorobenzene	--	NA	0.0838 U	0.400 U		
3,3-Dichlorobenzidine	1	NA	0.0838 U	0.810 U		
2,4-Dichlorophenol	230	NA	0.125 U	0.400 U		
Diethylphthalate	63,000	NA	0.0838 U	0.400 U		
Dimethylphtalate	--	NA	0.0838 U	0.400 U		
2,4-Dinitrotoluene	0.9	NA	0.0838 U	0.400 U		
2,6-Dinitrotoluene	0.9	NA	0.0838 U	0.400 U		
Di-n-octylphthalate	1,600	NA	0.0838 U	0.400 U		
Fluoranthene	3,100	0.004	0.0675	0.300 J		
Fluorene	3,100	0.0113 U	0.0114 U	0.400 U		
Hexachlorobenzene	0.4	NA	0.104 U	0.400 U		
Hexachlorobutadiene	--	NA	0.0838 U	0.400 U		
Hexachlorocyclopentadiene	550	NA	0.0838 U	0.400 U		
Hexachloroethane	78	NA	0.0838 U	0.400 U		
Indeno[1,2,3-cd]pyrene	0.9	0.00054 U	0.0128	0.180 J		
Isophorone	15,600	NA	0.0838 U	0.400 U		
2-Methylnaphthalene	--	NA	0.0838 U	0.400 U		
Naphthalene	1,600	0.00865 U	0.00879 U	0.400 U		
2-Nitroaniline	--	NA	0.0838 U	2.000 U		
3-Nitroaniline	--	NA	0.0838 U	2.000 U		
4-Nitroaniline	--	NA	0.0838 U	2.000 U		
Nitrobenzene	39	NA	0.0838 U	0.400 U		
N-nitrosodi-n-propylamine	0.09	NA	0.0838 U	0.400 U		
N-nitrosodimethylamine	--	NA	NA	NA		
N-nitrosodiphenylamine	130	NA	0.0838 U	0.400 U		
Phenanthrene	--	0.004	0.0425	0.140 J		
Pyrene	2,300	0.0035 U	0.065	0.400 U		
1,2,4-Trichlorobenzene	780	NA	0.0838 U	0.400		
Priority Pollutant Metals (mg/kg)						
Antimony	31	NA	NA	NA		
Arsenic	13	20	12.75	5.30		
Barium	5,500	43.8	45.0	51.6		
Beryllium	160	NA	NA	NA		
Cadmium	78	0.00616 U	2.11	1.10 U		
Chromium	230	16.9	16.2	17.6		
Copper	2,900	NA	NA	NA		
Lead	400	26.4	46.4	66.2		
Mercury	23	0.506	0.05 U	0.14		
Nickel	1,600	NA	NA	NA		
Selenium	390	0.49 U	0.498 U	0.94		
Silver	390	0.345 U	0.35 U	1.10 U		
Thallium	6.3	NA	NA	NA		
Zinc	23,000	NA	NA	NA		
Total Cyanide	1,600	NA	NA	NA		

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) Metropolitan statistical area (MSA) background value used for arsenic in place of Tier 1 ingestion value.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered

Table 10
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.005 U	0.005 U	0.008 J
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	--	0.025 U	0.025 U	0.050	0.025 U	0.025 U
Benzo[a]anthracene	--	0.025 U	0.025 U	0.234	0.025 U	0.025 U
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.365	0.025 U	0.030 U
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.160	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.079	0.025 U	0.025 U
Benzo[a]pyrene	--	0.025 U	0.025 U	0.208	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.365	0.025 U	0.029
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.085	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.436	0.025 U	0.036
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025U U	0.097	0.025 U	0.025 U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.216	0.025 U	0.025 U
Pyrene	--	0.025 U	0.025 U	0.349	0.025 U	0.031
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	0.785	4.87	3.58	2.59	5.48
Barium	690,000	121.0	20.90	31.40	29.20	80.90
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium	270	4.75	13.00	9.55	11.00	19.80
Copper	--	NA	NA	NA	NA	NA
Lead	--	3.30	9.55	37.30	6.36	40.50
Mercury	10	0.04 U	0.040 U	0.13	0.04 U	0.072
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.10
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002 U	0.002 U	0.002	0.002 UJ
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005U U	0.005 U	0.005 U	0.005 U	0.005 UJ
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.016	0.005 U	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.02U U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	13.80	5.84	5.24	3.77	6.32
Barium	690,000	42.50	45.40	64.10	45.40	57.40
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium	270	22.10	18.30	19.30	18.50	20.50
Copper	--	NA	NA	NA	NA	NA
Lead	--	19.90	12.40	28.40	12.70	20.70
Mercury	10	0.04 U	0.04 U	0.045	0.04 U	0.04 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002 U	0.002 U	0.002	0.002
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	0.043 U	0.025 U
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.062 U	0.025 U
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.035 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	0.036	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
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(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	0.062 U	0.025 U
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.025 U	0.102	0.025 U
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.045	0.025 U
Pyrene	--	0.025 U	0.025 U	0.025 U	0.086	0.025 U
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	7.19	5.18	22.40	16.60	10.30
Barium	690,000	51.10	68.60	53.30	32.80	24.80
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium	270	20.50	23.40	19.20	7.84	8.42
Copper	--	NA	NA	NA	NA	NA
Lead	--	13.20	26.60	19.90	17.50	11.20
Mercury	10	0.04 U	0.058	0.04 U	0.04 U	0.04 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface
(8) WT~ NE - Water Table not encountered

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	--	0.025 U	0.027	0.025 U	0.025 U	0.027
Benzo[a]anthracene	--	0.025 U	0.124	0.025 U	0.025 U	0.145
Benzo[b]fluoranthene	--	0.025 U	0.099	0.025 U	0.025 U	0.121
Benzo[k]fluoranthene	--	0.025 U	0.075	0.025 U	0.025 U	0.119
Benzo[g,h,i]perylene	--	0.025 U	0.040	0.025 U	0.025 U	0.052
Benzo[a]pyrene	--	0.025 U	0.099	0.025 U	0.025 U	0.142
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.178	0.025 U	0.025 U	0.231
Dibenzo[a,h]anthracene	--	0.025 U	0.027	0.025 U	0.025 U	0.041
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.218	0.025 U	0.025 U	0.279
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.047	0.025 U	0.025 U	0.059
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.142	0.025 U	0.025 U	0.112
Pyrene	--	0.025 U	0.195	0.025 U	0.025 U	0.272
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	20.60	5.11	3.01	18.30	6.17
Barium	690,000	41.60	75.90	57.40	55.40	72.30
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.71
Chromium	270	18.20	23.00	20.90	21.00	17.00
Copper	--	NA	NA	NA	NA	NA
Lead	--	17.70	88.60	16.30	15.20	83.30
Mercury	10	0.04 U	0.08	0.04 U	0.04 U	0.15
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002	0.002 U	0.002 U	0.066
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.134 J
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.202 J
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.242 J
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.510 J
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.968 J
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.040 J
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.262 J
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.96J J
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.740 J
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.167 J
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	2.050 J
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.087 J
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.241 J
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.126 J
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.250 J
Pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	2.590 J
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	4.66	7.60	3.53	5.59	9.99
Barium	690,000	68.20	46.20	37.40	36.50	57.70
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium	270	22.10	22.10	19.80	18.90	17.20
Copper	--	NA	NA	NA	NA	NA
Lead	--	22.20	15.60	15.50	13.30	50.40
Mercury	10	0.04 U	0.04 U	0.04 U	0.04 U	0.072
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB57-002 8-10'	RPM-SB58-001 2-3'	RPM-SB58-002 8-10'	RPM-SB59-001 1-2'	RPM-SB59-002 3-5'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.022	0.002 U	0.002 U	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	1.010	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.050	0.025 U
Anthracene	--	0.025 U	0.025 U	0.025 U	2.750	0.025 U
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	5.550	0.025 U
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	5.690	0.025 U
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	3.920	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	2.540	0.025 U
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	4.940	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB57-002 8-10'	RPM-SB58-001 2-3'	RPM-SB58-002 8-10'	RPM-SB59-001 1-2'	RPM-SB59-002 3-5'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	7.060	0.025 U
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	1.710	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.025 U	9.650	0.025 U
Fluorene	--	0.025 U	0.025 U	0.025 U	1.120	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	2.860	0.025 U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.966	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	7.050	0.025 U
Pyrene	--	0.025 U	0.025 U	0.025 U	8.010	0.025 U
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	10.20	3.58	7.24	9.19	7.12
Barium	690,000	20.70	45.10	43.90	124.0	48.90
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium	270	13.00	20.80	18.40	21.30	21.60
Copper	--	NA	NA	NA	NA	NA
Lead	--	15.30	13.10	15.00	58.50	16.80
Mercury	10	0.04 U	0.04 U	0.04 U	0.05	0.04 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
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(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-01 1-2'	TR-01 2-3'	TR-02 8-9'	MW-01 8-10'	MW-02 1-2'
		WT ~ 12' bgs	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.8	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromodichloromethane	3,000	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromoform	53	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromomethane	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
2-Butanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Carbon Disulfide	720	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Carbon Tetrachloride	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chlorobenzene	130	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chlorodibromomethane	1,300	0.010 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloroethane	--	0.006 U	0.010 U	0.010 U	0.010 U	0.010 U
Chloroform	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloromethane	--	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethane	1,300	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloroethane	0.4	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethene	1,500	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Cis-1,2-Dichloroethene	1,200	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	3,100	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloropropane	15	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Cis-1,3-Dichloropropene	1.1	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trans-1,3-Dichloropropene	1.1	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Ethylbenzene	400	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
2-hexanone	--	0.030 U	0.020 U	0.020 U	0.020 U	0.020 U
4-methyl-2-pentanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Methylene Chloride	13	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Styrene	1,500	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	--	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Tetrachloroethene	11	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Toluene	650	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,1-Trichloroethane	1,200	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,2-Trichloroethane	1,800	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trichloroethene	5	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Xylenes (total)	320	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Chlorophenol	53,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dimethylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dinitrophenol	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
4,6-Dinitro-2-Methylphenol	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
2-Methylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
3&4-Methylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Nitrophenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Nitrophenol	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
Pentachlorophenol	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
Phenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4,5-Trichlorophenol	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
2,4,6-Trichlorophenol	200	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Acenaphthene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Acenaphthylene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Anthracene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.170 J
Benzo[a]anthracene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.460
Benzo[b]fluoranthene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.520
Benzo[k]fluoranthene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.200
Benzo[g,h,i]perylene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.270
Benzo[a]pyrene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.400
Butylbenzylphthalate	930	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroethoxy)methane	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroethyl) ether	0.2	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-bromaphenylphenylether	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Carbazole	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-01 1-2'	TR-01 2-3'	TR-02 8-9'	MW-01 8-10'	MW-02 1-2'
		WT ~ 12' bgs	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Chlorophenyl-phenylether	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Chloroaniline	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Chrysene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.490
Dibenzo[a,h]anthracene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Dibenzofuran	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Di-n-butylphthalate	2,300	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,2-Dichlorobenzene	560	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,3-Dichlorobenzene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,4-Dichlorobenzene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
3,3-Dichlorobenzidine	--	0.840 U	0.790 U	0.740 U	0.800 U	0.790 U
2,4-Dichlorophenol	--	0.420 U	0.440 U	0.370 U	0.400 U	0.390 U
Diethylphthalate	2,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Dimethylphtalate	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dinitrotoluene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,6-Dinitrotoluene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Di-n-octylphthalate	10,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Fluoranthene	--	0.420 U	0.400 U	0.370 U	0.400 U	1.00
Fluorene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorobenzene	1	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorobutadiene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorocyclopentadiene	10	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachloroethane	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Indeno[1,2,3-cd]pyrene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.290 J
Isophorone	4,600	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Methylnaphthalene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Naphthalene	170	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
3-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
4-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.000 U	2.00 U
Nitrobenzene	92	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
N-nitrosodi-n-propylamine	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
N-nitrosodimethylamine	--	0.420 U	0.400 U	0.370 U	NA	NA
N-nitrosodiphenylamine	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Phenanthrene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.960
Pyrene	--	0.420 U	0.400 U	0.370 U	0.400 U	1.00
1,2,4-Trichlorobenzene	3,200	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	7.20	5.20	1.80	5.50	7.30
Barium	690,000	57.00	43.80	33.70	33.80	74.60
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.99 U	1.00 U	0.94 U	0.88 U	0.90 U
Chromium	270	18.80	18.80	13.40	17.60	20.50
Copper	--	NA	NA	NA	NA	NA
Lead	--	22.10	14.50	4.10	12.60	27.50
Mercury	10	0.04 U	0.04 U	0.04 U	0.04 U	0.06
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	0.74	0.50 U	0.47 U	0.60	0.53
Silver	--	0.99 U	1.00 U	0.94 U	0.88 U	0.90 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		TR-101 3-5' WT ~ NE	TR-102 8-10' WT ~ NE	TR-102 8-10' (DUP) WT ~ NE	MW-101 8-10' WT ~ 10.5' bgs	MW-102 3-5' WT ~ 7' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	NA	NA	NA	NA	NA
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	NA	NA	NA	NA	NA
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT ~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		TR-101 3-5'	TR-102 8-10'	TR-102 8-10' (DUP)	MW-101 8-10'	MW-102 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	1.40 U	1.50 U	1.50 U	1.40 U	1.40 U
Arsenic	750	9.00	6.30	5.10	6.30	5.60
Barium	690,000	40.40	32.60	41.80	42.50	55.10
Beryllium	1,300	0.76	0.68	0.68	0.69	0.83
Cadmium	1,800	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U
Chromium	270	20.50	20.30	19.70	18.40	21.70
Copper	--	28.00	30.80	30.70	27.70	23.10
Lead	--	14.30	14.00	13.00	12.50	12.20
Mercury	10	0.04 U	0.04 U	0.04 U	0.05	0.04 U
Nickel	13,000	30.40	31.50	29.40	29.80	26.90
Selenium	--	0.34 U	0.38 U	0.37 U	0.35 U	0.60
Silver	--	0.34 U	0.38 U	0.37 U	0.35 U	0.34 U
Thallium	--	0.68 U	0.95	0.74	0.75	1.00
Zinc	--	57.90	52.60	51.70	45.90	48.40
Total Cyanide	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-101 4-6' WT ~ 12' bgs	SS-05 0.5-1' WT ~ NE	PBS-B1 1-3' WT ~ 6' bgs	PBS-B2 1-3' WT ~ 6' bgs	PBS-B2 6-8' WT ~ 6' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	NA	0.01 U	0.02	NA	NA
Benzene	0.8	NA	0.011 U	0.003 U	NA	NA
Bromodichloromethane	3,000	NA	0.006 U	0.003 U	NA	NA
Bromoform	53	NA	0.006 U	0.003 U	NA	NA
Bromomethane	--	NA	0.010 U	0.003 U	NA	NA
2-Butanone	--	NA	0.010 U	0.006 U	NA	NA
Carbon Disulfide	720	NA	0.006 U	0.006 U	NA	NA
Carbon Tetrachloride	0.3	NA	0.006 U	0.003 U	NA	NA
Chlorobenzene	130	NA	0.006 U	0.003 U	NA	NA
Chlorodibromomethane	1,300	NA	0.006 U	0.003 U	NA	NA
Chloroethane	--	NA	0.010 U	0.003 U	NA	NA
Chloroform	0.3	NA	0.010 U	0.003 U	NA	NA
Chloromethane	--	NA	0.006 U	0.003 U	NA	NA
1,1-Dichloroethane	1,300	NA	0.006 U	0.003 U	NA	NA
1,2-Dichloroethane	0.4	NA	0.006 U	0.003 U	NA	NA
1,1-Dichloroethene	1,500	NA	0.006 U	0.003 U	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	0.006 U	0.003 U	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	0.006 U	0.003 U	NA	NA
1,2-Dichloropropane	15	NA	0.006 U	0.003 U	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	0.006 U	0.003 U	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	0.006 U	0.003 U	NA	NA
Ethylbenzene	400	NA	0.006 U	0.003 U	NA	NA
2-hexanone	--	NA	0.020 U	0.006 U	NA	NA
4-methyl-2-pentanone	--	NA	0.010 U	0.006 U	NA	NA
Methylene Chloride	13	NA	0.006 U	0.007 U	NA	NA
Styrene	1,500	NA	0.006 U	0.003 U	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	0.006 U	0.003 U	NA	NA
Tetrachloroethene	11	NA	0.006 U	0.003 U	NA	NA
Toluene	650	NA	0.006 U	0.003 U	NA	NA
1,1,1-Trichloroethane	1,200	NA	0.006 U	0.003 U	NA	NA
1,1,2-Trichloroethane	1,800	NA	0.006 U	0.003 U	NA	NA
Trichloroethene	5	NA	0.006 U	0.003 U	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	0.010 U	0.003 U	NA	NA
Xylenes (total)	320	NA	0.010 U	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	0.400 U	NA	NA	NA
2-Chlorophenol	53,000	NA	0.400 U	NA	NA	NA
2,4-Dimethylphenol	--	NA	0.400 U	NA	NA	NA
2,4-Dinitrophenol	--	NA	2.000 U	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	2.000 U	NA	NA	NA
2-Methylphenol	--	NA	0.400 U	NA	NA	NA
3&4-Methylphenol	--	NA	0.400 U	NA	NA	NA
2-Nitrophenol	--	NA	0.400 U	NA	NA	NA
4-Nitrophenol	--	NA	2.000 U	NA	NA	NA
Pentachlorophenol	--	NA	2.000 U	NA	NA	NA
Phenol	--	NA	0.400 U	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	2.000 U	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	0.400 U	NA	NA	NA
Acenaphthene	--	0.025 U	0.400 U	0.0326 U	0.034 U	0.0324 U
Acenaphthylene	--	0.025 U	0.400 U	0.0208 U	0.022 U	0.0208 U
Anthracene	--	0.025 U	0.400 U	0.000844 U	0.007	0.00084 U
Benzo[a]anthracene	--	0.025 U	0.150 J	0.003	0.027	0.0020
Benzo[b]fluoranthene	--	0.025 U	0.230 J	0.004	0.029	0.0037
Benzo[k]fluoranthene	--	0.025 U	0.180 J	0.002	0.016	0.0019
Benzo[g,h,i]perylene	--	0.025 U	0.180 J	0.003	0.021	0.0026
Benzo[a]pyrene	--	0.025 U	0.220 J	0.003	0.030	0.0040
Butylbenzylphthalate	930	NA	0.400 U	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	0.400 U	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	0.400 U	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	0.400 U	NA	NA	NA
4-bromaphenylphenylether	--	NA	0.400 U	NA	NA	NA
Carbazole	--	NA	0.400 U	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-101 4-6' WT ~ 12' bgs	SS-05 0.5-1' WT ~ NE	PBS-B1 1-3' WT ~ 6' bgs	PBS-B2 1-3' WT ~ 6' bgs	PBS-B2 6-8' WT ~ 6' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	0.400	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	0.400	NA	NA	NA
4-Chloroaniline	--	NA	0.400	NA	NA	NA
Chrysene	--	0.025 U	0.240 J	0.003	0.036	0.0036
Dibenzo[a,h]anthracene	--	0.025 U	0.280 J	0.006 U	0.013	0.00614 U
Dibenzofuran	--	NA	0.400	NA	NA	NA
Di-n-butylphthalate	2,300	NA	0.400	NA	NA	NA
1,2-Dichlorobenzene	560	NA	0.400	NA	NA	NA
1,3-Dichlorobenzene	--	NA	0.400	NA	NA	NA
1,4-Dichlorobenzene	--	NA	0.400	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	0.810	NA	NA	NA
2,4-Dichlorophenol	--	NA	0.400	NA	NA	NA
Diethylphthalate	2,000	NA	0.400	NA	NA	NA
Dimethylphtalate	--	NA	0.400	NA	NA	NA
2,4-Dinitrotoluene	--	NA	0.400	NA	NA	NA
2,6-Dinitrotoluene	--	NA	0.400	NA	NA	NA
Di-n-octylphthalate	10,000	NA	0.400	NA	NA	NA
Fluoranthene	--	0.025 U	0.300 J	0.001 U	0.049	0.0034
Fluorene	--	0.025 U	0.400	0.011 U	0.012	0.0114 U
Hexachlorobenzene	1	NA	0.400	NA	NA	NA
Hexachlorobutadiene	--	NA	0.400	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	0.400	NA	NA	NA
Hexachloroethane	--	NA	0.400	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 UJ	0.180 J	0.001 U	0.010	0.000548 U
Isophorone	4,600	NA	0.400	NA	NA	NA
2-Methylnaphthalene	--	NA	0.400	NA	NA	NA
Naphthalene	170	0.025 U	0.400	0.009 U	0.009 U	0.00874 U
2-Nitroaniline	--	NA	2.000	NA	NA	NA
3-Nitroaniline	--	NA	2.000	NA	NA	NA
4-Nitroaniline	--	NA	2.000	NA	NA	NA
Nitrobenzene	92	NA	0.400	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	0.400	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	0.400	NA	NA	NA
Phenanthrene	--	0.025 U	0.140 J	0.001 U	0.025	0.0025
Pyrene	--	0.025 U	0.400	0.004 U	0.044	0.00353 U
1,2,4-Trichlorobenzene	3,200	NA	0.400	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	1.30 U	NA	NA	NA	NA
Arsenic	750	1.80	5.30	9.48	15.60	17.80
Barium	690,000	38.30	51.60	33.40	46.50	26.00
Beryllium	1,300	0.71	NA	NA	NA	NA
Cadmium	1,800	0.13 U	1.10	0.01 U	0.01 U	0.00622 U
Chromium	270	20.20	17.60	15.70	18.30	15.50
Copper	--	22.00	NA	NA	NA	NA
Lead	--	11.40	66.20	15.70	29.20	16.30
Mercury	10	0.04 U	0.14	0.05 U	0.25	0.0498 U
Nickel	13,000	27.20	NA	NA	NA	NA
Selenium	--	0.34 U	0.94	0.50 U	0.51 U	0.495 U
Silver	--	0.38 U	1.10	0.35 U	0.36 U	0.348 U
Thallium	--	0.81	NA	NA	NA	NA
Zinc	--	51.50	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B3 1-3' WT ~ 6' bgs	PBS-B3 4-6' WT ~ 6' bgs	PBS-B4 1-3' WT ~ 6' bgs	PBS-B5 1-3' WT ~ 6' bgs	PBS-B6 1-3' WT ~ 6' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	NA	NA	NA	NA	NA
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	33	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	NA	NA	NA	NA	NA
Ethylbenzene	400	NA	NA	NA	NA	NA
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	NA	NA	NA	NA	NA
Xylenes (total)	320	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	0.844 U	0.838 U	NA
2-Chlorophenol	53,000	NA	NA	0.126 U	NA	NA
2,4-Dimethylphenol	--	NA	NA	0.0844 U	NA	NA
2,4-Dinitrophenol	--	NA	NA	0.0844 U	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	0.0844 U	0.838 U	NA
2-Methylphenol	--	NA	NA	0.0844 U	NA	NA
3&4-Methylphenol	--	NA	NA	0.0844 U	0.838 U	NA
2-Nitrophenol	--	NA	NA	0.105 U	NA	NA
4-Nitrophenol	--	NA	NA	0.0844 U	0.838 U	NA
Pentachlorophenol	--	NA	NA	0.105 U	0.104 U	NA
Phenol	--	NA	NA	0.0844 U	0.838 U	NA
2,4,5-Trichlorophenol	--	NA	NA	0.126 U	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	0.126 U	NA	NA
Acenaphthene	--	0.033 U	0.0287 U	0.011 U	0.010 U	0.0349 U
Acenaphthylene	--	0.038	0.0183 U	0.021 U	0.209 U	0.0223 U
Anthracene	--	0.001	0.000742 U	0.001	0.0104 U	0.000903 U
Benzo[a]anthracene	--	0.005	0.00176 U	0.002 U	0.0104 U	0.010
Benzo[b]fluoranthene	--	0.007	0.003	0.004	0.0104 U	0.012
Benzo[k]fluoranthene	--	0.003	0.002	0.002	0.0416 U	0.006
Benzo[g,h,i]perylene	--	0.008	0.002	0.002	0.0416 U	0.009
Benzo[a]pyrene	--	0.003	0.002	0.002 U	0.0209 U	0.009
Butylbenzylphthalate	930	NA	NA	0.084 U	0.0838 U	NA
Bis(2-chloroethoxy)methane	--	NA	NA	0.084 U	0.0838 U	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	0.084 U	0.0838 U	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	0.084 U	0.0838 U	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	0.084 U	0.0838 U	NA
4-bromaphenylphenylether	--	NA	NA	0.084 U	0.0838 U	NA
Carbazole	--	NA	NA	NA	NA	NA

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(3) NA - Not Analyzed.
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(7) WT~ n' bgs - Water Table approximately n feet below ground surface
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B3 1-3' WT ~ 6' bgs	PBS-B3 4-6' WT ~ 6' bgs	PBS-B4 1-3' WT ~ 6' bgs	PBS-B5 1-3' WT ~ 6' bgs	PBS-B6 1-3' WT ~ 6' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	0.0844 U	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	0.0844 U	0.0838 U	NA
4-Chloroaniline	--	NA	NA	0.0844 U	0.0838 U	NA
Chrysene	--	0.006	0.003	0.003	0.0104 U	0.011
Dibenzo[a,h]anthracene	--	0.006	0.005 U	0.00623 U	0.0416 U	0.008
Dibenzofuran	--	NA	NA	0.0844 U	0.0838 U	NA
Di-n-butylphthalate	2,300	NA	NA	0.126 U	0.125 U	NA
1,2-Dichlorobenzene	560	NA	NA	0.0844 U	NA	NA
1,3-Dichlorobenzene	--	NA	NA	0.0844 U	NA	NA
1,4-Dichlorobenzene	--	NA	NA	0.0844 U	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	0.0844 U	0.0838 U	NA
2,4-Dichlorophenol	--	NA	NA	0.126 U	NA	NA
Diethylphthalate	2,000	NA	NA	0.0844 U	0.0838 U	NA
Dimethylphtalate	--	NA	NA	0.0844 U	0.0838 U	NA
2,4-Dinitrotoluene	--	NA	NA	0.0844 U	NA	NA
2,6-Dinitrotoluene	--	NA	NA	0.0844 U	NA	NA
Di-n-octylphthalate	10,000	NA	NA	0.0844 U	0.0838 U	NA
Fluoranthene	--	0.010	0.001	0.003	0.0104 U	0.011
Fluorene	--	0.012	0.010 U	0.0115 U	0.0209 U	0.0122 U
Hexachlorobenzene	1	NA	NA	0.105 U	0.104 U	NA
Hexachlorobutadiene	--	NA	NA	0.0844 U	0.0838 U	NA
Hexachlorocyclopentadiene	10	NA	NA	0.0844 U	0.0838 U	NA
Hexachloroethane	--	NA	NA	0.0844 U	0.0838 U	NA
Indeno[1,2,3-cd]pyrene	--	0.001 U	0.000 U	0.000556 U	0.0416 U	0.005
Isophorone	4,600	NA	NA	0.0844 U	0.0838 U	NA
2-Methylnaphthalene	--	NA	NA	0.0844 U	NA	NA
Naphthalene	170	0.009 U	0.008 U	0.009 U	0.010 U	0.00939 U
2-Nitroaniline	--	NA	NA	0.0844 U	NA	NA
3-Nitroaniline	--	NA	NA	0.0844 U	0.0838 U	NA
4-Nitroaniline	--	NA	NA	0.0844 U	0.0838 U	NA
Nitrobenzene	92	NA	NA	0.0844 U	0.0838 U	NA
N-nitrosodi-n-propylamine	--	NA	NA	0.0844 U	0.0838 U	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	0.0844 U	0.0844 U	NA
Phenanthrene	--	0.006	0.001 U	0.009	0.0104 U	0.002
Pyrene	--	0.009	0.003 U	0.019	0.0104 U	0.00379 U
1,2,4-Trichlorobenzene	3,200	NA	NA	0.0844 U	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	7.76	8.39	19.20	16.30	15.90
Barium	690,000	41.20	21.80	53.60	35.00	40.00
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.01 U	0.00549 U	0.00631 U	0.00623 U	0.00668 U
Chromium	270	16.40	8.03	18.40	14.60	16.40
Copper	--	NA	NA	NA	NA	NA
Lead	--	25.80	0.022 U	24.60	23.70	20.00
Mercury	10	0.051 U	0.044 U	0.0504 U	0.05 U	0.05 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	0.40 U	0.437 U	0.502 U	0.496 U	0.532 U
Silver	--	0.36 U	0.308 U	0.353 U	0.349 U	0.374 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B7 1-3' WT ~ 8' bgs	PBS-B7 6-8' WT ~ 8' bgs	PBS-B8 1-3' WT ~ 7' bgs	PBS-B8 8-10' WT ~ 7' bgs	PBS-B9 1-3' WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	0.02	NA	NA	NA	NA
Benzene	0.8	0.004 U	0.00285 U	NA	0.0031 U	NA
Bromodichloromethane	3,000	0.004 U	NA	NA	NA	NA
Bromoform	53	0.004 U	NA	NA	NA	NA
Bromomethane	--	0.004 U	NA	NA	NA	NA
2-Butanone	--	0.008 U	NA	NA	NA	NA
Carbon Disulfide	720	0.008 U	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.004 U	NA	NA	NA	NA
Chlorobenzene	130	0.004 U	NA	NA	NA	NA
Chlorodibromomethane	1,300	0.004 U	NA	NA	NA	NA
Chloroethane	--	0.004 U	NA	NA	NA	NA
Chloroform	0.3	0.004 U	NA	NA	NA	NA
Chloromethane	--	0.004 U	NA	NA	NA	NA
1,1-Dichloroethane	1,300	0.004 U	NA	NA	NA	NA
1,2-Dichloroethane	0.4	0.004 U	NA	NA	NA	NA
1,1-Dichloroethene	1,500	0.004 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	0.004 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	0.004 U	NA	NA	NA	NA
1,2-Dichloropropane	15	0.004 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	0.004 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	0.004 U	NA	NA	NA	NA
Ethylbenzene	400	0.004 U	0.00285 U	NA	0.0031 U	NA
2-hexanone	--	0.008 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.008 U	NA	NA	NA	NA
Methylene Chloride	13	0.010 U	NA	NA	NA	NA
Styrene	1,500	0.004 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.004 U	NA	NA	NA	NA
Tetrachloroethene	11	0.004 U	NA	NA	NA	NA
Toluene	650	0.004 U	0.00285 U	NA	0.0031 U	NA
1,1,1-Trichloroethane	1,200	0.004 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	0.004 U	NA	NA	NA	NA
Trichloroethene	5	0.004 U	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	0.004 U	NA	NA	NA	NA
Xylenes (total)	320	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.0341 U	0.0323 U	0.0311 U	0.0326 U	0.655 U
Acenaphthylene	--	0.0218 U	0.0206 U	0.0199 U	0.0208 U	0.419 U
Anthracene	--	0.000884 U	0.0008 U	0.0008 U	0.000844 U	1.070
Benzo[a]anthracene	--	0.00209 U	0.00198 U	0.003	0.002 U	2.130
Benzo[b]fluoranthene	--	0.002	0.000707 U	0.001	0.000714 U	1.790
Benzo[k]fluoranthene	--	0.001	0.000468 U	0.007	0.000473 U	0.995
Benzo[g,h,i]perylene	--	0.003	0.00153 U	0.001	0.00155 U	1.350
Benzo[a]pyrene	--	0.002	0.00182 U	0.0018 U	0.00183 U	1.980
Buty!benzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B7 1-3'	PBS-B7 6-8'	PBS-B8 1-3'	PBS-B8 8-10'	PBS-B9 1-3'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 7' bgs	WT ~ 7' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.002	0.001 U	0.0025	0.00101 U	2.260
Dibenzo[a,h]anthracene	--	0.00646 U	0.00611 U	0.00588 U	0.00617 U	0.511
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.002	0.00132 U	0.004	0.00134 U	4.530
Fluorene	--	0.012 U	0.0113 U	0.0109 U	0.0114 U	0.560
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.000577 U	0.000545 U	0.000525 U	0.00055 U	0.450
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.0092 U	0.00869 U	0.00837 U	0.00877 U	2.060
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.003	0.00124 U	0.003	0.00125 U	5.810
Pyrene	--	0.00371 U	0.00351 U	0.00338 U	0.00354 U	1.980
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	23.30	NA	10.80	NA	20.40
Barium	690,000	45.70	NA	38.00	NA	78.70
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.00654 U	NA	0.01 U	NA	0.00627 U
Chromium	270	18.80	NA	12.80	NA	16.20
Copper	--	NA	NA	NA	NA	NA
Lead	--	21.10	NA	14.90	NA	55.60
Mercury	10	0.052 U	NA	0.05 U	NA	0.0502 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	0.521 U	NA	0.47 U	NA	0.50 U
Silver	--	0.366 U	NA	0.33 U	NA	0.35
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B9 6-8'	PBS-B10 1-3'	PBS-B10 8-10'	PBS-B11 1-3'	PBS-B12 1-3'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	0.037	NA	NA	NA	NA
Benzene	0.8	0.00423 U	NA	NA	NA	NA
Bromodichloromethane	3,000	0.00423 U	NA	NA	NA	NA
Bromoform	53	0.00423 U	NA	NA	NA	NA
Bromomethane	--	0.00423 U	NA	NA	NA	NA
2-Butanone	--	0.00845 U	NA	NA	NA	NA
Carbon Disulfide	720	0.00845 U	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.00423 U	NA	NA	NA	NA
Chlorobenzene	130	0.00423 U	NA	NA	NA	NA
Chlorodibromomethane	1,300	0.00423 U	NA	NA	NA	NA
Chloroethane	--	0.00423 U	NA	NA	NA	NA
Chloroform	0.3	0.00423 U	NA	NA	NA	NA
Chloromethane	--	0.00423 U	NA	NA	NA	NA
1,1-Dichloroethane	1,300	0.00423 U	NA	NA	NA	NA
1,2-Dichloroethane	0.4	0.00423 U	NA	NA	NA	NA
1,1-Dichloroethene	1,500	0.00423 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	0.00423 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	0.00423 U	NA	NA	NA	NA
1,2-Dichloropropane	15	0.00423 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	0.00423 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	0.00423 U	NA	NA	NA	NA
Ethylbenzene	400	0.00423 U	NA	NA	NA	NA
2-hexanone	--	0.00845 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.00845 U	NA	NA	NA	NA
Methylene Chloride	13	0.00423 U	NA	NA	NA	NA
Styrene	1,500	0.00423 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.00423 U	NA	NA	NA	NA
Tetrachloroethene	11	0.00423 U	NA	NA	NA	NA
Toluene	650	0.00423 U	NA	NA	NA	NA
1,1,1-Trichloroethane	1,200	0.00423 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	0.00423 U	NA	NA	NA	NA
Trichloroethene	5	0.00423 U	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	0.00423 U	NA	NA	NA	NA
Xylenes (total)	320	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Chlorophenol	53,000	NA	NA	NA	0.130 U	NA
2,4-Dimethylphenol	--	NA	NA	NA	0.0871 U	NA
2,4-Dinitrophenol	--	NA	NA	NA	0.0871 U	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Methylphenol	--	NA	NA	NA	0.0871 U	NA
3&4-Methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Nitrophenol	--	NA	NA	NA	0.108 U	NA
4-Nitrophenol	--	NA	NA	NA	0.0871 U	NA
Pentachlorophenol	--	NA	NA	NA	0.108 U	NA
Phenol	--	NA	NA	NA	0.0871 U	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	0.130 U	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	0.130 U	NA
Acenaphthene	--	0.0326 U	0.032 U	0.0333 U	0.0108 U	0.0321 U
Acenaphthylene	--	0.0208 U	0.021 U	0.0213 U	0.0217 U	0.0205 U
Anthracene	--	0.0050	0.001	0.000862 U	0.000877 U	0.002
Benzo[a]anthracene	--	0.0091	0.005	0.00204 U	0.004	0.013
Benzo[b]fluoranthene	--	0.0089	0.006	0.0012	0.005	0.015
Benzo[k]fluoranthene	--	0.0067	0.003	0.0005	0.003	0.008
Benzo[g,h,i]perylene	--	0.0067	0.010	0.00158 U	0.004	0.010
Benzo[a]pyrene	--	0.0062	0.003	0.00187 U	0.00191 U	0.013
Butylbenzylphthalate	930	NA	NA	NA	0.0871 U	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	0.0871 U	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	0.0871 U	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	0.0871 U	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	0.0871 U	NA
4-bromophenylphenylether	--	NA	NA	NA	0.0871 U	NA
Carbazole	--	NA	NA	NA	NA	NA

NOTES:
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(7) WT~ n' bgs - Water Table approximately n feet below ground surface
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B9 6-8' WT ~ 8' bgs	PBS-B10 1-3' WT ~ 8' bgs	PBS-B10 8-10' WT ~ 8' bgs	PBS-B11 1-3' WT ~ 8' bgs	PBS-B12 1-3' WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	0.0871 U	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.0871 U	NA
4-Chloroaniline	--	NA	NA	NA	0.0871 U	NA
Chrysene	--	0.0093	0.005	0.00103 U	0.065	0.017
Dibenzo[a,h]anthracene	--	0.00617 U	0.006 U	0.0063 U	0.00641 U	0.00680
Dibenzofuran	--	NA	NA	NA	0.0871 U	NA
Di-n-butylphthalate	2,300	NA	NA	NA	0.13 U	NA
1,2-Dichlorobenzene	560	NA	NA	NA	0.0871 U	NA
1,3-Dichlorobenzene	--	NA	NA	NA	0.0871 U	NA
1,4-Dichlorobenzene	--	NA	NA	NA	0.0871 U	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	0.0871 U	NA
2,4-Dichlorophenol	--	NA	NA	NA	0.13 U	NA
Diethylphthalate	2,000	NA	NA	NA	0.0871 U	NA
Dimethylphtalate	--	NA	NA	NA	0.0871 U	NA
2,4-Dinitrotoluene	--	NA	NA	NA	0.0871 U	NA
2,6-Dinitrotoluene	--	NA	NA	NA	0.0871 U	NA
Di-n-octylphthalate	10,000	NA	NA	NA	0.0871 U	NA
Fluoranthene	--	0.0161	0.009	0.00136 U	0.007	0.027
Fluorene	--	0.0114 U	0.011 U	0.0117 U	0.0119 U	0.0112 U
Hexachlorobenzene	1	NA	NA	NA	0.108 U	NA
Hexachlorobutadiene	--	NA	NA	NA	0.0871 U	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	0.0871 U	NA
Hexachloroethane	--	NA	NA	NA	0.0871 U	NA
Indeno[1,2,3-cd]pyrene	--	0.0029	0.002	0.000562 U	0.000572 U	0.005200
Isophorone	4,600	NA	NA	NA	0.0871 U	NA
2-Methylnaphthalene	--	NA	NA	NA	0.0871 U	NA
Naphthalene	170	0.00877 U	0.009 U	0.00896 U	0.00912 U	0.01060
2-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
3-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
4-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
Nitrobenzene	92	NA	NA	NA	0.0871 U	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	0.0871 U	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	0.0871 U	NA
Phenanthrene	--	0.0163	0.008	0.0018	0.005	0.023
Pyrene	--	0.0048	0.0035	0.00362 U	0.00369 U	0.01530
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	0.0871 U	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	13.70	15.10	NA	14.40	19.90
Barium	690,000	62.40	39.00	NA	46.20	57.10
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.00624 U	0.00617 U	NA	0.00649 U	0.00614 U
Chromium	270	16.70	14.30	NA	19.00	15.00
Copper	--	NA	NA	NA	NA	NA
Lead	--	17.80	29.90	NA	21.30	29.20
Mercury	10	0.0499 U	0.0494 U	NA	0.0519 U	0.0491 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	0.497 U	0.49 U	NA	0.517 U	0.398 U
Silver	--	16.20	0.35 U	NA	0.364 U	0.344 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

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(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B13 1-3' WT ~ 8' bgs	PBS-B13 6-8' WT ~ 8' bgs	PBS-B14 1-3' WT ~ 8' bgs	PBS-B15 1-3' WT ~ 8' bgs	PBS-B15 6-8' WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	100,000	0.03	NA	NA	NA	NA
Benzene	0.8	0.00322 U	NA	NA	NA	NA
Bromodichloromethane	3,000	0.00322 U	NA	NA	NA	NA
Bromoform	53	0.00322 U	NA	NA	NA	NA
Bromomethane	--	0.00322 U	NA	NA	NA	NA
2-Butanone	--	0.00645 U	NA	NA	NA	NA
Carbon Disulfide	720	0.00645 U	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.00322 U	NA	NA	NA	NA
Chlorobenzene	130	0.00322 U	NA	NA	NA	NA
Chlorodibromomethane	1,300	0.00322 U	NA	NA	NA	NA
Chloroethane	--	0.00322 U	NA	NA	NA	NA
Chloroform	0.3	0.00322 U	NA	NA	NA	NA
Chloromethane	--	0.00322 U	NA	NA	NA	NA
1,1-Dichloroethane	1,300	0.00322 U	NA	NA	NA	NA
1,2-Dichloroethane	0.4	0.00322 U	NA	NA	NA	NA
1,1-Dichloroethene	1,500	0.00322 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1,200	0.00322 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3,100	0.00322 U	NA	NA	NA	NA
1,2-Dichloropropane	15	0.00322 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	1.1	0.00322 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	1.1	0.00322 U	NA	NA	NA	NA
Ethylbenzene	400	0.00322 U	NA	NA	NA	NA
2-hexanone	--	0.00645 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.00645 U	NA	NA	NA	NA
Methylene Chloride	13	0.00774 U	NA	NA	NA	NA
Styrene	1,500	0.00322 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.00322 U	NA	NA	NA	NA
Tetrachloroethene	11	0.00322 U	NA	NA	NA	NA
Toluene	650	0.00322 U	NA	NA	NA	NA
1,1,1-Trichloroethane	1,200	0.00322 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	0.00322 U	NA	NA	NA	NA
Trichloroethene	5	0.00322 U	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.28	0.00322 U	NA	NA	NA	NA
Xylenes (total)	320	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.0317 U	0.0332 U	0.0347 U	0.0304 U	0.034 U
Acenaphthylene	--	0.0203 U	0.0212 U	0.0222 U	0.0195 U	0.0218 U
Anthracene	--	0.00082 U	0.00086 U	0.001	0.002	0.000881 U
Benzo[a]anthracene	--	0.00194 U	0.00204 U	0.006	0.089	0.00208 U
Benzo[b]fluoranthene	--	0.002	0.000728 U	0.007	0.0221	0.000754 U
Benzo[k]fluoranthene	--	0.001	0.000482 U	0.004	0.0114	0.000494 U
Benzo[g,h,i]perylene	--	0.0015 U	0.00158 U	0.005	0.059	0.00162 U
Benzo[a]pyrene	--	0.002	0.00187 U	0.004	0.0213	0.00192 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA

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(3) NA - Not Analyzed.
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Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B13 1-3' WT ~ 8' bgs	PBS-B13 6-8' WT ~ 8' bgs	PBS-B14 1-3' WT ~ 8' bgs	PBS-B15 1-3' WT ~ 8' bgs	PBS-B15 6-8' WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.017	0.00103 U	0.007	0.00106 U	0.003
Dibenzo[a,h]anthracene	--	0.007	0.00628 U	0.00657 U	0.00644 U	0.00608 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	--	0.027	0.00136 U	0.0111 U	0.00139 U	0.004
Fluorene	--	0.0112 U	0.0116 U	0.0122 U	0.0119 U	0.0113 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.005	0.000561 U	0.004	0.000575 U	0.000543 U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	170	0.011	0.00894 U	0.00935 U	0.00916 U	0.00865 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.023	0.00127	0.008	0.0013 U	0.004
Pyrene	--	0.015	0.00361 U	0.00378 U	0.0037 U	0.0035 U
1,2,4-Trichlorobenzene	3,200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	10.80	NA	9.99	NA	NA
Barium	690,000	35.00	NA	39.60	NA	NA
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.00607 U	NA	0.00669 U	NA	NA
Chromium	270	14.40	NA	15.40	NA	NA
Copper	--	NA	NA	NA	NA	NA
Lead	--	16.10	NA	40.70	NA	NA
Mercury	10	0.0485 U	NA	0.0535 U	NA	NA
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	0.483 U	NA	0.533 U	NA	NA
Silver	--	0.34 U	NA	0.375 U	NA	NA
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3' WT ~ 8' bgs	PBS-B16 8-10' WT ~ 8' bgs	PBS-B17 1-3' WT ~ 8' bgs	PBS-B17 6-8' WT ~ 8' bgs	
TCL VOCs (mg/kg)						
Acetone	100,000	0.03	0.018	NA	0.013	
Benzene	0.8	0.00343 U	0.00343 U	NA	0.00325 U	
Bromodichloromethane	3,000	0.00343 U	0.00343 U	NA	0.00325 U	
Bromoform	53	0.00343 U	0.00343 U	NA	0.00325 U	
Bromomethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
2-Butanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
Carbon Disulfide	720	0.00685 U	0.00687 U	NA	0.00325 U	
Carbon Tetrachloride	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Chlorobenzene	130	0.00343 U	0.00343 U	NA	0.00325 U	
Chlorodibromomethane	1,300	0.00343 U	0.00343 U	NA	0.00325 U	
Chloroethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
Chloroform	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Chloromethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
1,1-Dichloroethane	1,300	0.00343 U	0.00343 U	NA	0.00325 U	
1,2-Dichloroethane	0.4	0.00343 U	0.00343 U	NA	0.00325 U	
1,1-Dichloroethene	1,500	0.00343 U	0.00343 U	NA	0.00325 U	
Cis-1,2-Dichloroethene	1,200	0.00343 U	0.00343 U	NA	0.00325 U	
Trans-1,2-Dichloroethene	3,100	0.00343 U	0.00343 U	NA	0.00325 U	
1,2-Dichloropropane	15	0.00343 U	0.00343 U	NA	0.00325 U	
Cis-1,3-Dichloropropene	1.1	0.00343 U	0.00343 U	NA	0.00325 U	
Trans-1,3-Dichloropropene	1.1	0.00343 U	0.00343 U	NA	0.00325 U	
Ethylbenzene	400	0.00343 U	0.00343 U	NA	0.00325 U	
2-hexanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
4-methyl-2-pentanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
Methylene Chloride	13	0.00822 U	0.00343 U	NA	0.00325 U	
Styrene	1,500	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,2,2-Tetrachloroethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
Tetrachloroethene	11	0.00343 U	0.00343 U	NA	0.00325 U	
Toluene	650	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,1-Trichloroethane	1,200	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,2-Trichloroethane	1,800	0.00343 U	0.00343 U	NA	0.00325 U	
Trichloroethene	5	0.00343 U	0.00343 U	NA	0.00325 U	
Vinyl Acetate	1,000	NA	NA	NA	NA	
Vinyl Chloride	0.28	0.00343 U	0.00343 U	NA	0.00325 U	
Xylenes (total)	320	NA	NA	NA	NA	
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	0.0838 U	NA	
2-Chlorophenol	53,000	NA	NA	0.125 U	NA	
2,4-Dimethylphenol	--	NA	NA	0.0838 U	NA	
2,4-Dinitrophenol	--	NA	NA	0.0838 U	NA	
4,6-Dinitro-2-Methylphenol	--	NA	NA	0.0838 U	NA	
2-Methylphenol	--	NA	NA	0.0838 U	NA	
3&4-Methylphenol	--	NA	NA	0.0838 U	NA	
2-Nitrophenol	--	NA	NA	0.0838 U	NA	
4-Nitrophenol	--	NA	NA	0.0838 U	NA	
Pentachlorophenol	--	NA	NA	0.104 U	NA	
Phenol	--	NA	NA	0.838 U	NA	
2,4,5-Trichlorophenol	--	NA	NA	0.125 U	NA	
2,4,6-Trichlorophenol	200	NA	NA	0.125 U	NA	
Acenaphthene	--	0.0321 U	0.0329 U	0.0104 U	0.0306 U	
Acenaphthylene	--	0.0206 U	0.0211 U	0.0209 U	0.0196 U	
Anthracene	--	0.006	0.000852 U	0.012	0.040	
Benzo[a]anthracene	--	0.002	0.00202 U	0.033	0.126	
Benzo[b]fluoranthene	--	0.003	0.000721 U	0.038	0.174	
Benzo[k]fluoranthene	--	0.002	0.000478 U	0.020	0.078	
Benzo[g,h,i]perylene	--	0.003	0.00156 U	0.033	0.179	
Benzo[a]pyrene	--	0.004	0.00185 U	0.040	0.133	
Butylbenzylphthalate	930	NA	NA	0.0838 U	NA	
Bis(2-chloroethoxy)methane	--	NA	NA	0.0838 U	NA	
Bis(2-chloroethyl) ether	0.2	NA	NA	0.0838 U	NA	
Bis(2-chloroisopropyl) ether	--	NA	NA	0.0838 U	NA	
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	0.0838 U	NA	
4-bromophenylphenylether	--	NA	NA	0.0838 U	NA	
Carbazole	--	NA	NA	NA	NA	

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface
(8) WT~ NE - Water Table not encountered.

Table 10 (Continued)
Tier 1 Residential Screening: Soil Inhalation Exposure Route
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3'	PBS-B16 8-10'	PBS-B17 1-3'	PBS-B17 6-8'	
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.084 U	NA	0.084 U	NA	
4-Chlorophenyl-phenylether	--	0.084 U	NA	0.084 U	NA	
4-Chloroaniline	--	0.084 U	NA	0.084 U	NA	
Chrysene	--	0.040	0.00102 U	0.040	0.162	
Dibenzo[a,h]anthracene	--	0.018	0.00623 U	0.018	0.0342	
Dibenzofuran	--	0.0838 U	NA	0.0838 U	NA	
Di-n-butylphthalate	2,300	0.125 U	NA	0.125 U	NA	
1,2-Dichlorobenzene	560	0.0838 U	0.00343 U	0.0838 U	NA	
1,3-Dichlorobenzene	--	0.0838 U	0.00343 U	0.0838 U	NA	
1,4-Dichlorobenzene	--	0.0838 U	0.00343 U	0.0838 U	NA	
3,3-Dichlorobenzidine	--	0.0838 U	NA	0.0838 U	NA	
2,4-Dichlorophenol	--	0.125 U	NA	0.125 U	NA	
Diethylphthalate	2,000	0.0838 U	NA	0.0838 U	NA	
Dimethylphtalate	--	0.0838 U	NA	0.0838 U	NA	
2,4-Dinitrotoluene	--	0.0838 U	NA	0.0838 U	NA	
2,6-Dinitrotoluene	--	0.0838 U	NA	0.0838 U	NA	
Di-n-octylphthalate	10,000	0.0838 U	NA	0.0838 U	NA	
Fluoranthene	--	0.068	0.00135 U	0.068	0.211	
Fluorene	--	0.0114 U	0.0115 U	0.0114 U	0.0107 U	
Hexachlorobenzene	1	0.104 U	NA	0.104 U	NA	
Hexachlorobutadiene	--	0.0838 U	NA	0.0838 U	NA	
Hexachlorocyclopentadiene	10	0.0838 U	NA	0.0838 U	NA	
Hexachloroethane	--	0.0838 U	NA	0.0838 U	NA	
Indeno[1,2,3-cd]pyrene	--	0.013	0.000556 U	0.013	0.0695	
Isophorone	4,600	0.0838 U	NA	0.0838 U	NA	
2-Methylnaphthalene	--	0.0838 U	NA	0.0838 U	NA	
Naphthalene	170	0.00879 U	0.00886 U	0.00879 U	0.0273	
2-Nitroaniline	--	0.0838 U	NA	0.0838 U	NA	
3-Nitroaniline	--	0.0838 U	NA	0.0838 U	NA	
4-Nitroaniline	--	0.0838 U	NA	0.0838 U	NA	
Nitrobenzene	92	0.0838 U	NA	0.0838 U	NA	
N-nitrosodi-n-propylamine	--	0.0838 U	NA	0.0838 U	NA	
N-nitrosodimethylamine	--	NA	NA	NA	NA	
N-nitrosodiphenylamine	--	0.0838 U	NA	0.0838 U	NA	
Phenanthrene	--	0.043	0.00126 U	0.043	0.0894	
Pyrene	--	0.065	0.00358 U	0.065	0.224	
1,2,4-Trichlorobenzene	3,200	0.0838 U	0.00343 U	0.0838 U	NA	
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	
Arsenic	750	20.00	15.2	12.75	19.30	
Barium	690,000	43.80	21.6	45.00	28.20	
Beryllium	1,300	NA	NA	NA	NA	
Cadmium	1,800	0.01 U	0.00631 U	2.11	0.00585 U	
Chromium	270	16.90	16.4	16.20	11.00	
Copper	--	NA	NA	NA	NA	
Lead	--	26.40	16.5	46.40	12.90	
Mercury	10	0.51	0.0504 U	0.05 U	0.109	
Nickel	13,000	NA	NA	NA	NA	
Selenium	--	0.490 U	0.502 U	0.498 U	0.466 U	
Silver	--	0.35 U	0.353 U	0.35 U	0.328 U	
Thallium	--	NA	NA	NA	NA	
Zinc	--	NA	NA	NA	NA	
Total Cyanide	--	NA	NA	NA	NA	

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(7) WT~ n' bgs - Water Table approximately n feet below ground surface.
(8) WT~ NE - Water Table not encountered.

Table 11
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.008 J
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.050	0.025 U	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.234	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.365	0.025 U	0.030
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.160	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.079	0.025 U	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.208	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB48-001 2-3'	RPM-SB48-002 8-10'	RPM-SB49-001 1-2'	RPM-SB49-002 3-5'	RPM-SB50-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.365	0.025 U	0.029
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.085	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.436	0.025 U	0.036
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.025 U	0.097	0.025 U	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.216	0.025 U	0.025 U
Pyrene	21,000	0.025 U	0.025 U	0.349	0.025 U	0.031
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	0.785	4.87	3.58	2.59	5.48
Barium*	110	121.0	20.90	31.40	29.20	80.90
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium**	24	4.75	13	9.55	11	19.80
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	3.30	9.55	37.30 NR	6.36	40.50 NR
Mercury*	0.06	0.04 U	0.04 U	0.13	0.04 U	0.072
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 U	1.00 U	1.00 U	1.00 U	1.10
Silver*	0.55	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	0.019	NA	0.007
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT ~ NE - Water Table not encountered
(10) NR - Not Relevant, See SPLP data

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.016	0.005 U	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB50-002 2-3'	RPM-SB50-004 8-10'	RPM-SB51-001 0-1'	RPM-SB51-002 3-5'	RPM-SB52-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	13.80	5.84	5.24	3.77	6.32
Barium*	110	42.50 NR	45.40	64.10	45.40	57.40
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 NR	0.50 U	0.50 U	0.50 U	0.50 U
Chromium**	24	22.10 NR	18	19.30	19	20.50
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	19.90 NR	12.40	28.40	12.70	20.70
Mercury*	0.06	0.04 NR	0.04 U	0.045	0.04 U	0.040 U
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver*	0.55	0.50 NR	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	0.805	NA	NA	NA	NA
SPLP Cadmium	0.05	0.005 U	NA	NA	NA	NA
SPLP Chromium	1.0	0.010 U	NA	NA	NA	NA
SPLP Lead	0.1	0.009	NA	NA	NA	NA
SPLP Mercury	0.01	0.0005 U	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	0.010 U	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002	0.002 U	0.002	0.002
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.043	0.025 U
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.062	0.025 U
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.035	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.036	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB52-002 8-10'	RPM-SB53-001 1-2'	RPM-SB53-002 3-5'	RPM-SB54-001 0-1'	RPM-SB54-002 2-3'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.025 U	0.062	0.025 U
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	0.102	0.025 U
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.045	0.025 U
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.086	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	7.19	5.18	22.40	16.60	10.30
Barium*	110	51.10	68.60 NR	53.30	32.80	24.80
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 U	0.50 NR	0.50 U	0.50 U	0.50 U
Chromium**	24	20.50	23 NR	19.20	7.84	8.42
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	13.20	26.60 NR	19.90	17.50	11.20
Mercury*	0.06	0.04 U	0.06 NR	0.04 U	0.04 U	0.040 U
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 U	1.00 NR	1.00 U	1.00 U	1.00 U
Silver*	0.55	0.50 U	0.50 NR	0.50 U	0.50 U	0.50 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	5.940	NA	NA	NA
SPLP Cadmium	0.05	NA	0.005 U	NA	NA	NA
SPLP Chromium	1.0	NA	0.010 U	NA	NA	NA
SPLP Lead	0.1	NA	0.046	NA	NA	NA
SPLP Mercury	0.01	NA	0.0005	NA	NA	NA
SPLP Selenium	0.05	NA	1.0 UJ	NA	NA	NA
SPLP Silver	--	NA	0.010 U	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP meth
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.025 U	0.027	0.025 U	0.025 U	0.027
Benzo[a]anthracene	8	0.025 U	0.124	0.025 U	0.025 U	0.145
Benzo[b]fluoranthene	25	0.025 U	0.099	0.025 U	0.025 U	0.121
Benzo[k]fluoranthene	250	0.025 U	0.075	0.025 U	0.025 U	0.119
Benzo[g,h,i]perylene	--	0.025 U	0.040	0.025 U	0.025 U	0.052
Benzo[a]pyrene	82	0.025 U	0.099	0.025 U	0.025 U	0.142
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB54-003 3-5'	RPM-SB55-001 0-1'	RPM-SB55-002 2-3'	RPM-SB55-003 3-5'	RPM-SB56-001 0-1'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.178	0.025 U	0.025 U	0.231
Dibenzo[a,h]anthracene	7.6	0.025 U	0.027	0.025 U	0.025 U	0.041
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.218	0.025 U	0.025 U	0.279
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.047	0.025 U	0.025 U	0.059
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.142	0.025 U	0.025 U	0.112
Pyrene	21,000	0.025 U	0.195	0.025 U	0.025 U	0.272
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	20.60	5.11	3.01	18.30	6.17
Barium*	110	41.60	75.90 NR	57.40	55.40 NR	72.30
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 U	0.50 NR	0.50 U	0.50 NR	0.71
Chromium**	24	18.20	23 NR	20.90	21 NR	17.00
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	17.70	88.60 NR	16.30	15.20 NR	83.30 NR
Mercury*	0.06	0.04 U	0.08 NR	0.04 U	0.04 NR	0.150
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 U	1.00 NR	1.00 U	1.00 U	1.00 U
Silver*	0.55	0.50 U	0.50 NR	0.50 U	0.50 NR	0.50 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	1.430	NA	1.140	NA
SPLP Cadmium	0.05	NA	0.005 U	NA	0.005 U	NA
SPLP Chromium	1.0	NA	0.010 U	NA	0.018	NA
SPLP Lead	0.1	NA	0.012	NA	0.008	0.023
SPLP Mercury	0.01	NA	0.0005 U	NA	0.0005 U	NA
SPLP Selenium	0.05	NA	1.0 UJ	NA	NA	NA
SPLP Silver	--	NA	0.010 U	NA	0.010 U	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002	0.002 U	0.002 U	0.066
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.134 J
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.202 J
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.242 J
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.025 U	1.510 J
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.025 U	0.968 J
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.025 U	1.040 J
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.262 J
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.025 U	1.960 J
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB56-002 1-2'	RPM-SB56-003 2-3'	RPM-SB56-004 3-5'	RPM-SB56-005 8-10'	RPM-SB57-001 1-2'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.025 U	0.025 U	1.740 J
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.167 J
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	2.050 J
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.087 J
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.025 U	0.025 U	0.025 U	0.241 J
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.126 J
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	1.250 J
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	2.590 J
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	4.66	7.60	3.53	5.59	9.99
Barium*	110	68.20 NR	46.20 NR	37.40	36.50	57.70
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 NR	0.50 NR	0.50 U	0.50 U	0.50 U
Chromium**	24	22.10 NR	22 NR	19.80	19	17.20
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	22.20 NR	15.60 NR	15.50	13.30	50.40 NR
Mercury*	0.06	0.04 NR	0.04 NR	0.04 U	0.04 U	0.072
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 NR	1.00 U	1.00 U	1.00 U	1.00 U
Silver*	0.55	0.50 NR	0.50 NR	0.50 U	0.50 U	0.50 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	0.875	2.420	NA	NA	NA
SPLP Cadmium	0.05	0.005 U	0.005 U	NA	NA	NA
SPLP Chromium	1.0	0.010 U	0.023	NA	NA	NA
SPLP Lead	0.1	0.009	0.007	NA	NA	0.029
SPLP Mercury	0.01	0.0005 U	0.0005 U	NA	NA	NA
SPLP Selenium	0.05	1.0 UJ	NA	NA	NA	NA
SPLP Silver	--	0.010 U	0.010 U	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB57-002 8-10'	RPM-SB58-001 2-3'	RPM-SB58-002 8-10'	RPM-SB59-001 1-2'	RPM-SB59-002 3-5'
		WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.022	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	1.010	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.050	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	2.750	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	5.550	0.025 U
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	5.690	0.025 U
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	3.920	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	2.540	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	4.940	0.025 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB57-002 8-10' WT~ NE	RPM-SB58-001 2-3' WT ~ NE	RPM-SB58-002 8-10' WT ~ NE	RPM-SB59-001 1-2' WT ~ NE	RPM-SB59-002 3-5' WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.025 U	7.060	0.025 U
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	1.710	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	9.650	0.025 U
Fluorene	2,800	0.025 U	0.025 U	0.025 U	1.120	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.025 U	0.025 U	2.860	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.966	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	7.050	0.025 U
Pyrene	21,000	0.025 U	0.025 U	0.025 U	8.010	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	10.20	3.58	7.24	9.19	7.12
Barium*	110	20.70	45.10	43.90	124.0 NR	48.90 NR
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.50 U	0.50 U	0.50 U	0.50 NR	0.50 NR
Chromium**	24	13.00	20.8	18.40	21 NR	21.60 NR
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	15.30	13.10	15.00	58.50 NR	16.80 NR
Mercury*	0.06	0.04 U	0.04 U	0.04 U	0.05 NR	0.04 NR
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	1.00 U	1.00 U	1.00 U	1.00 U	1.00 NR
Silver*	0.55	0.50 U	0.50 U	0.50 U	0.50 NR	0.50 NR
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	1.060	1.120
SPLP Cadmium	0.05	NA	NA	NA	0.005 U	0.005 U
SPLP Chromium	1.0	NA	NA	NA	0.010	0.025
SPLP Lead	0.1	NA	NA	NA	0.005	0.010
SPLP Mercury	0.01	NA	NA	NA	0.0005 U	0.0005 U
SPLP Selenium	0.05	NA	NA	NA	NA	1.0 UJ
SPLP Silver	--	NA	NA	NA	0.010 U	0.010 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-01 1-2'	TR-01 2-3'	TR-02 8-9'	MW-01 8-10'	MW-02 1-2'
		WT ~ 12' bgs	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL VOCs (mg/kg)						
Acetone	16	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.17	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromodichloromethane	0.6	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromoform	0.8	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromomethane	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
2-Butanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Carbon Disulfide	160	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Carbon Tetrachloride	0.33	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chlorobenzene	6.5	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chlorodibromomethane	0.4	0.010 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloroethane	--	0.006 U	0.010 U	0.010 U	0.010 U	0.010 U
Chloroform	2.9	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloromethane	--	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethane	110	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloroethane	0.1	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethene	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Cis-1,2-Dichloroethene	1.1	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trans-1,2-Dichloroethene	3.4	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloropropane	0.15	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Cis-1,3-Dichloropropene	0.02	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trans-1,3-Dichloropropene	0.02	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Ethylbenzene	19	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
2-hexanone	--	0.030 U	0.020 U	0.020 U	0.020 U	0.020 U
4-methyl-2-pentanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Methylene Chloride	0.2	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Styrene	18	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,2,2-Tetrachloroethane	--	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Tetrachloroethene	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Toluene	29	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,1-Trichloroethane	9.6	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1,2-Trichloroethane	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Trichloroethene	0.3	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Xylenes (total)	150	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Chlorophenol	4	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dimethylphenol	9	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dinitrophenol	0.2	2.100 U	2.0 U	1.800 U	2.0 U	2.00 U
4,6-Dinitro-2-Methylphenol	--	2.100 U	2.0 U	1.800 U	2.0 U	2.00 U
2-Methylphenol	15	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
3&4-Methylphenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Nitrophenol	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Nitrophenol	--	2.100 U	2.0 U	1.800 U	2.0 U	2.00 U
Pentachlorophenol	0.14	2.100 U	2.0 U	1.800 U	2.0 U	2.00 U
Phenol	100	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4,5-Trichlorophenol	1,400	2.100 U	2.0 U	1.800 U	2.0 U	2.00 U
2,4,6-Trichlorophenol	0.77	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Acenaphthene	2,900	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Acenaphthylene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Anthracene	59,000	0.420 U	0.400 U	0.370 U	0.400 U	0.170 J
Benzo[a]anthracene	8	0.420 U	0.400 U	0.370 U	0.400 U	0.460
Benzo[b]fluoranthene	25	0.420 U	0.400 U	0.370 U	0.400 U	0.520
Benzo[k]fluoranthene	250	0.420 U	0.400 U	0.370 U	0.400 U	0.200
Benzo[g,h,i]perylene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.270
Benzo[a]pyrene	82	0.420 U	0.400 U	0.370 U	0.400 U	0.400
Butylbenzylphthalate	930	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroethoxy)methane	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroethyl) ether	0.0004	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-bromaphenylphenylether	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Carbazole	2.8	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-01 1-2' WT ~ 12' bgs	TR-01 2-3' WT ~ NE	TR-02 8-9' WT ~ NE	MW-01 8-10' WT ~ 10.5' bgs	MW-02 1-2' WT ~ 7' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Chlorophenyl-phenylether	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
4-Chloroaniline	0.7	0.4 U	0.4 U	0.4 U	0.4 U	0.390 U
Chrysene	800	0.420 U	0.400 U	0.370 U	0.400 U	0.490
Dibenzo[a,h]anthracene	7.6	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Dibenzofuran	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Di-n-butylphthalate	2,300	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,2-Dichlorobenzene	43	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,3-Dichlorobenzene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
1,4-Dichlorobenzene	11	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
3,3-Dichlorobenzidine	0.033	0.840 U	0.790 U	0.740 U	0.800 U	0.790 U
2,4-Dichlorophenol	1.0	0.420 U	0.440 U	0.370 U	0.400 U	0.390 U
Diethylphthalate	470	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Dimethylphtalate	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,4-Dinitrotoluene	0.0008	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2,6-Dinitrotoluene	0.0007	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Di-n-octylphthalate	10,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Fluoranthene	21,000	0.420 U	0.400 U	0.370 U	0.400 U	1.00
Fluorene	2,800	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorobenzene	11	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorobutadiene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachlorocyclopentadiene	2,200	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Hexachloroethane	2.6	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Indeno[1,2,3-cd]pyrene	69	0.420 U	0.400 U	0.370 U	0.400 U	0.290 J
Isophorone	8	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Methylnaphthalene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Naphthalene	18	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
2-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.0 U	2.00 U
3-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.0 U	2.00 U
4-Nitroaniline	--	2.100 U	2.000 U	1.800 U	2.0 U	2.00 U
Nitrobenzene	0.10	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
N-nitrosodi-n-propylamine	0.66	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
N-nitrosodimethylamine	--	0.420 U	0.400 U	0.370 U	NA	NA
N-nitrosodiphenylamine	5.6	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
Phenanthrene	--	0.420 U	0.400 U	0.370 U	0.400 U	0.960
Pyrene	21,000	0.420 U	0.400 U	0.370 U	0.400 U	1.00
1,2,4-Trichlorobenzene	53	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	7.20	5.20	1.80	5.50	7.30
Barium*	110	57.00	43.80	33.70	33.80	74.60
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.99 U	1.00 U	0.94 U	0.88 U	0.90 U
Chromium**	24	18.80	18.8	13.40	17.6	20.50
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	22.10	14.50	4.10	12.60	27.50
Mercury*	0.06	0.04 U	0.04 U	0.04 U	0.04 U	0.06
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	0.74	0.50 U	0.47 U	0.60	0.53
Silver*	0.55	0.99 U	1.00 U	0.94 U	0.88 U	0.90 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used Select samples were further analyzed by SPLP methoc
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		TR-101 3-5'	TR-102 8-10'	TR-102 8-10' (DUP)	MW-101 8-10'	MW-102 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	NA	NA	NA	NA	NA
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	NA	NA	NA	NA	NA
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	NA	N/A	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	N/A	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	N/A	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	N/A	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	N/A	NA	NA	NA
4-bromophenylphenylether	--	NA	N/A	NA	NA	NA
Carbazole	2.8	NA	N/A	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		TR-101 3-5'	TR-102 8-10'	TR-102 8-10' (DUP)	MW-101 8-10'	MW-102 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10.5' bgs	WT ~ 7' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
RCRA/Priority Pollutant Metals (mg/kg)						
Antimony	20	1.40 U	1.50 U	1.50 U	1.40 U	1.40
Arsenic	130	9.00	6.30	5.10	6.30	5.60
Barium*	110	40.40	32.60	41.80	42.50	55.10
Beryllium*	0.59	0.76	0.68	0.68	0.69	0.83
Cadmium*	0.6	0.14 U	0.15 U	0.15 U	0.14 U	0.14
Chromium**	24	20.50	20.3	19.70	18.4	24.70
Copper*	19.6	28.00	30.80	30.70	27.70	23.10
Lead*	--	14.30	14.00	13.00	12.50	12.20
Mercury*	0.06	0.04 U	0.04 U	0.04 U	0.05	0.04
Nickel*	18.0	30.40	31.50	29.40	29.80	26.90
Selenium	1.8	0.34 U	0.38 U	0.37 U	0.35 U	0.60
Silver*	0.55	0.34 U	0.38 U	0.37 U	0.35 U	0.34
Thallium	44	0.68 U	0.95	0.74 U	0.75	1.00
Zinc*	95	57.90	52.60	51.70	45.90	48.40
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-101 4-6'	SS-05 0.5-1'	PBS-B1 1-3'	PBS-B2 1-3'	PBS-B2 6-8'
		WT ~ 12' bgs	WT ~ NE	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs
TCL VOCs (mg/kg)						
Acetone	16	NA	0.01 U	0.015	NA	NA
Benzene	0.17	NA	0.011 U	0.003 U	NA	NA
Bromodichloromethane	0.6	NA	0.006 U	0.003 U	NA	NA
Bromoform	0.8	NA	0.006 U	0.003 U	NA	NA
Bromomethane	--	NA	0.010 U	0.003 U	NA	NA
2-Butanone	--	NA	0.010 U	0.006 U	NA	NA
Carbon Disulfide	160	NA	0.006 U	0.006 U	NA	NA
Carbon Tetrachloride	0.33	NA	0.006 U	0.003 U	NA	NA
Chlorobenzene	6.5	NA	0.006 U	0.003 U	NA	NA
Chlorodibromomethane	0.4	NA	0.006 U	0.003 U	NA	NA
Chloroethane	--	NA	0.010 U	0.003 U	NA	NA
Chloroform	2.9	NA	0.010 U	0.003 U	NA	NA
Chloromethane	--	NA	0.006 U	0.003 U	NA	NA
1,1-Dichloroethane	110	NA	0.006 U	0.003 U	NA	NA
1,2-Dichloroethane	0.1	NA	0.006 U	0.003 U	NA	NA
1,1-Dichloroethene	0.3	NA	0.006 U	0.003 U	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	0.006 U	0.003 U	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	0.006 U	0.003 U	NA	NA
1,2-Dichloropropane	0.15	NA	0.006 U	0.003 U	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	0.006 U	0.003 U	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	0.006 U	0.003 U	NA	NA
Ethylbenzene	19	NA	0.006 U	0.003 U	NA	NA
2-hexanone	--	NA	0.020 U	0.006 U	NA	NA
4-methyl-2-pentanone	--	NA	0.010 U	0.006 U	NA	NA
Methylene Chloride	0.2	NA	0.006 U	0.007 U	NA	NA
Styrene	18	NA	0.006 U	0.003 U	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	0.006 U	0.003 U	NA	NA
Tetrachloroethene	0.3	NA	0.006 U	0.003 U	NA	NA
Toluene	29	NA	0.006 U	0.003 U	NA	NA
1,1,1-Trichloroethane	9.6	NA	0.006 U	0.003 U	NA	NA
1,1,2-Trichloroethane	0.3	NA	0.006 U	0.003 U	NA	NA
Trichloroethene	0.3	NA	0.006 U	0.003 U	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	0.010 U	0.003 U	NA	NA
Xylenes (total)	150	NA	0.010 U	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	0.400 U	NA	NA	NA
2-Chlorophenol	4	NA	0.400 U	NA	NA	NA
2,4-Dimethylphenol	9	NA	0.400 U	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	2.0 U	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	2.0 U	NA	NA	NA
2-Methylphenol	15	NA	0.400 U	NA	NA	NA
3&4-Methylphenol	--	NA	0.400 U	NA	NA	NA
2-Nitrophenol	--	NA	0.400 U	NA	NA	NA
4-Nitrophenol	--	NA	2.0 U	NA	NA	NA
Pentachlorophenol	0.14	NA	2.0 U	NA	NA	NA
Phenol	100	NA	0.400 U	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	2.0 U	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	0.400 U	NA	NA	NA
Acenaphthene	2,900	0.025 U	0.400 U	0.0326 U	0.0336 U	0.0324 U
Acenaphthylene	--	0.025 U	0.400 U	0.0208 U	0.0215 U	0.0208 U
Anthracene	59,000	0.025 U	0.400 U	0.000844 U	0.007	0.00084 U
Benzo[a]anthracene	8	0.025 U	0.150 J	0.003	0.027	0.0020
Benzo[b]fluoranthene	25	0.025 U	0.230 J	0.004	0.029	0.0037
Benzo[k]fluoranthene	250	0.025 U	0.180 J	0.002	0.016	0.0019
Benzo[g,h,i]perylene	--	0.025 U	0.180 J	0.003	0.021	0.0026
Benzo[a]pyrene	82	0.025 U	0.220 J	0.003	0.030	0.0040
Butylbenzylphthalate	930	N/A	0.400 U	NA	NA	NA
Bis(2-chloroethoxy)methane	--	N/A	0.400 U	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	N/A	0.400 U	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	N/A	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	N/A	0.400 U	NA	NA	NA
4-bromaphenylphenylether	--	N/A	0.400 U	NA	NA	NA
Carbazole	2.8	N/A	0.400 U	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
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(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-101 4-6'	SS-05 0.5-1'	PBS-B1 1-3'	PBS-B2 1-3'	PBS-B2 6-8'
		WT ~ 12' bgs	WT ~ NE	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	0.400 U	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	0.400 U	NA	NA	NA
4-Chloroaniline	0.7	NA	0.400 U	NA	NA	NA
Chrysene	800	0.025 U	0.240 J	0.003	0.036	0.0036
Dibenzo[a,h]anthracene	7.6	0.025 U	0.280 J	0.00617 U	0.013	0.00614 U
Dibenzofuran	--	NA	0.400 U	NA	NA	NA
Di-n-butylphthalate	2,300	NA	0.400 U	NA	NA	NA
1,2-Dichlorobenzene	43	NA	0.400 U	NA	NA	NA
1,3-Dichlorobenzene	--	NA	0.400 U	NA	NA	NA
1,4-Dichlorobenzene	11	NA	0.400 U	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	0.810 U	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	0.400 U	NA	NA	NA
Diethylphthalate	470	NA	0.400 U	NA	NA	NA
Dimethylphtalate	--	NA	0.400 U	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	0.400 U	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	0.400 U	NA	NA	NA
Di-n-octylphthalate	10,000	NA	0.400 U	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.300 J	0.001 U	0.049	0.0034
Fluorene	2,800	0.025 U	0.400 U	0.011 U	0.012 U	0.0114 U
Hexachlorobenzene	11	NA	0.400 U	NA	NA	NA
Hexachlorobutadiene	--	NA	0.400 U	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	0.400 U	NA	NA	NA
Hexachloroethane	2.6	NA	0.400 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 UJ	0.180 J	0.001 U	0.010	0.000548 U
Isophorone	8	NA	0.400 U	NA	NA	NA
2-Methylnaphthalene	--	NA	0.400 U	NA	NA	NA
Naphthalene	18	0.025 U	0.400 U	0.009 U	0.009 U	0.00874 U
2-Nitroaniline	--	NA	2.0 U	NA	NA	NA
3-Nitroaniline	--	NA	2.0 U	NA	NA	NA
4-Nitroaniline	--	NA	2.0 U	NA	NA	NA
Nitrobenzene	0.10	NA	0.400 U	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	0.400 U	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	0.400 U	NA	NA	NA
Phenanthrene	--	0.025 U	0.140 J	0.00125 U	0.025	0.0025
Pyrene	21,000	0.025 U	0.400 U	0.00354 U	0.044	0.00353 U
1,2,4-Trichlorobenzene	53	NA	0.400 U	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	1.30 U	NA	NA	NA	NA
Arsenic	130	1.80	5.30	9.48	15.60	17.80
Barium*	110	38.30	51.60	33.40	46.50	26.00
Beryllium*	0.59	0.71	NA	NA	NA	NA
Cadmium*	0.6	0.13 U	1.10 U	0.01 U	0.01 U	0.00622 U
Chromium**	24	20.2 U	17.6	15.70	18.3	15.50
Copper*	19.6	22.00	NA	NA	NA	NA
Lead*	--	11.40	66.20	15.70	29.20	16.30
Mercury*	0.06	0.04 U	0.14	0.05 U	0.25	0.0498 U
Nickel*	18.0	27.20	NA	NA	NA	NA
Selenium	1.8	0.34 U	0.94	0.50 U	0.51 U	0.495 U
Silver*	0.55	0.38 U	1.10 U	0.35 U	0.36 U	0.348 U
Thallium	44	0.81	NA	NA	NA	NA
Zinc*	95	51.50	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed
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(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B3 1-3' WT ~ 6' bgs	PBS-B3 4-6' WT ~ 6' bgs	PBS-B4 1-3' WT ~ 6' bgs	PBS-B5 1-3' WT ~ 6' bgs	PBS-B6 1-3' WT ~ 6' bgs
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	NA	NA	NA	NA	NA
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	--	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	160	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.33	NA	NA	NA	NA	NA
Chlorobenzene	6.5	NA	NA	NA	NA	NA
Chlorodibromomethane	0.4	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	2.9	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	110	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.1	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.3	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.15	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	NA	NA	NA	NA	NA
Ethylbenzene	19	NA	NA	NA	NA	NA
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	0.2	NA	NA	NA	NA	NA
Styrene	18	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	0.844 U	0.838 U	NA
2-Chlorophenol	4	NA	NA	0.126 U	NA	NA
2,4-Dimethylphenol	9	NA	NA	0.0844 U	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	0.0844 U	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	0.0844 U	0.838 U	NA
2-Methylphenol	15	NA	NA	0.0844 U	NA	NA
3&4-Methylphenol	--	NA	NA	0.0844 U	0.838 U	NA
2-Nitrophenol	--	NA	NA	0.105 U	NA	NA
4-Nitrophenol	--	NA	NA	0.0844 U	0.838 U	NA
Pentachlorophenol	0.14	NA	NA	0.105 U	0.104 U	NA
Phenol	100	NA	NA	0.0844 U	0.838 U	NA
2,4,5-Trichlorophenol	1,400	NA	NA	0.126 U	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	0.126 U	NA	NA
Acenaphthene	2,900	0.0333 U	0.0287 U	0.0105 U	0.0104 U	0.0349 U
Acenaphthylene	--	0.038	0.0183 U	0.021 U	0.209 U	0.0223 U
Anthracene	59,000	0.001	0.000742 U	0.001	0.0104 U	0.000903 U
Benzo[a]anthracene	8	0.005	0.00176 U	0.00202 U	0.0104 U	0.010
Benzo[b]fluoranthene	25	0.007	0.003	0.004	0.0104 U	0.012
Benzo[k]fluoranthene	250	0.003	0.002	0.002	0.0416 U	0.006
Benzo[g,h,i]perylene	--	0.008	0.002	0.002	0.0416 U	0.009
Benzo[a]pyrene	82	0.003	0.002	0.00185 U	0.0209 U	0.009
Butylbenzylphthalate	930	NA	NA	0.0844 U	0.0838 U	NA
Bis(2-chloroethoxy)methane	--	NA	NA	0.0844 U	0.0838 U	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	0.0844 U	0.0838 U	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	0.0844 U	0.0838 U	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	0.0844 U	0.0838 U	NA
4-bromaphenylphenylether	--	NA	NA	0.0844 U	0.0838 U	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B3 1-3' WT ~ 6' bgs	PBS-B3 4-6' WT ~ 6' bgs	PBS-B4 1-3' WT ~ 6' bgs	PBS-B5 1-3' WT ~ 6' bgs	PBS-B6 1-3' WT ~ 6' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	0.0844 U	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	0.0844 U	0.0838 U	NA
4-Chloroaniline	0.7	NA	NA	0.0844 U	0.0838 U	NA
Chrysene	800	0.006	0.003	0.003	0.0104 U	0.011
Dibenzo[a,h]anthracene	7.6	0.006 U	0.00542 U	0.00623 U	0.0416 U	0.008
Dibenzofuran	--	NA	NA	0.0844 U	0.0838 U	NA
Di-n-butylphthalate	2,300	NA	NA	0.126 U	0.125 U	NA
1,2-Dichlorobenzene	43	NA	NA	0.0844 U	NA	NA
1,3-Dichlorobenzene	--	NA	NA	0.0844 U	NA	NA
1,4-Dichlorobenzene	11	NA	NA	0.0844 U	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	0.0844 U	0.0838 U	NA
2,4-Dichlorophenol	1.0	NA	NA	0.126 U	NA	NA
Diethylphthalate	470	NA	NA	0.0844 U	0.0838 U	NA
Dimethylphtalate	--	NA	NA	0.0844 U	0.0838 U	NA
2,4-Dinitrotoluene	0.0008	NA	NA	0.0844 U	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	0.0844 U	NA	NA
Di-n-octylphthalate	10,000	NA	NA	0.0844 U	0.0838 U	NA
Fluoranthene	21,000	0.010	0.001	0.003	0.0104 U	0.011
Fluorene	2,800	0.0117 U	0.010 U	0.0115 U	0.0209 U	0.0122 U
Hexachlorobenzene	11	NA	NA	0.105 U	0.104 U	NA
Hexachlorobutadiene	--	NA	NA	0.0844 U	0.0838 U	NA
Hexachlorocyclopentadiene	2,200	NA	NA	0.0844 U	0.0838 U	NA
Hexachloroethane	2.6	NA	NA	0.0844 U	0.0838 U	NA
Indeno[1,2,3-cd]pyrene	69	0.000562 U	0.000484 U	0.000556 U	0.0416 U	0.005
Isophorone	8	NA	NA	0.0844 U	0.0838 U	NA
2-Methylnaphthalene	--	NA	NA	0.0844 U	NA	NA
Naphthalene	18	0.00896 U	0.00772 U	0.00886 U	0.0104 U	0.00939 U
2-Nitroaniline	--	NA	NA	0.0844 U	NA	NA
3-Nitroaniline	--	NA	NA	0.0844 U	0.0838 U	NA
4-Nitroaniline	--	NA	NA	0.0844 U	0.0838 U	NA
Nitrobenzene	0.10	NA	NA	0.0844 U	0.0838 U	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	0.0844 U	0.0838 U	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	0.0844 U	0.0838 U	NA
Phenanthrene	--	0.006	0.0011 U	0.009	0.0104 U	0.002
Pyrene	21,000	0.009	0.00312 U	0.019	0.0104 U	0.00379 U
1,2,4-Trichlorobenzene	53	NA	NA	0.0844 U	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	7.76	8.39	19.20	16.30	15.90
Barium*	110	41.20	21.80	53.60	35.00	40.00
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.01 U	0.01 U	0.01 U	0.00623 U	0.00668 U
Chromium**	24	16.40	8.03	18.4	14.60	16.4
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	25.80	0.02 U	24.60	23.70	20.00
Mercury*	0.06	0.051 U	0.04 U	0.05 U	0.0499 U	0.0535 U
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	0.40 U	0.44 U	0.50 U	0.496 U	0.532 U
Silver*	0.55	0.36 U	0.31 U	0.35 U	0.349 U	0.374 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B7 1-3'	PBS-B7 6-8'	PBS-B8 1-3'	PBS-B8 8-10'	PBS-B9 1-3'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 7' bgs	WT ~ 7' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	16	0.02	NA	NA	NA	NA
Benzene	0.17	0.004 U	0.003 U	NA	0.0031 U	NA
Bromodichloromethane	0.6	0.004 U	NA	NA	NA	NA
Bromoform	0.8	0.004 U	NA	NA	NA	NA
Bromomethane	--	0.004 U	NA	NA	NA	NA
2-Butanone	--	0.008 U	NA	NA	NA	NA
Carbon Disulfide	160	0.008 U	NA	NA	NA	NA
Carbon Tetrachloride	0.33	0.004 U	NA	NA	NA	NA
Chlorobenzene	6.5	0.004 U	NA	NA	NA	NA
Chlorodibromomethane	0.4	0.004 U	NA	NA	NA	NA
Chloroethane	--	0.004 U	NA	NA	NA	NA
Chloroform	2.9	0.004 U	NA	NA	NA	NA
Chloromethane	--	0.004 U	NA	NA	NA	NA
1,1-Dichloroethane	110	0.004 U	NA	NA	NA	NA
1,2-Dichloroethane	0.1	0.004 U	NA	NA	NA	NA
1,1-Dichloroethene	0.3	0.004 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	0.004 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	0.004 U	NA	NA	NA	NA
1,2-Dichloropropane	0.15	0.004 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	0.004 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	0.004 U	NA	NA	NA	NA
Ethylbenzene	19	0.004 U	0.003 U	NA	0.0031 U	NA
2-hexanone	--	0.008 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.008 U	NA	NA	NA	NA
Methylene Chloride	0.2	0.010 U	NA	NA	NA	NA
Styrene	18	0.004 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.004 U	NA	NA	NA	NA
Tetrachloroethene	0.3	0.004 U	NA	NA	NA	NA
Toluene	29	0.004 U	0.003 U	NA	0.0031 U	NA
1,1,1-Trichloroethane	9.6	0.004 U	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	0.004 U	NA	NA	NA	NA
Trichloroethene	0.3	0.004 U	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	0.004 U	NA	NA	NA	NA
Xylenes (total)	150	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.0341 U	0.0323 U	0.0311 U	0.0326 U	0.655 U
Acenaphthylene	--	0.0218 U	0.0206 U	0.0199 U	0.0208 U	0.419 U
Anthracene	59,000	0.000884 U	0.000836 U	0.000805 U	0.000844 U	1.070
Benzo[a]anthracene	8	0.00209 U	0.00198 U	0.002	0.002 U	2.130
Benzo[b]fluoranthene	25	0.002	0.000707 U	0.003	0.000714 U	1.790
Benzo[k]fluoranthene	250	0.001	0.000468 U	0.002	0.000473 U	0.995
Benzo[g,h,i]perylene	--	0.003	0.00153 U	0.002	0.00155 U	1.350
Benzo[a]pyrene	82	0.002	0.00182 U	0.00175 U	0.00183 U	1.980
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B7 1-3' WT ~ 8' bgs	PBS-B7 6-8' WT ~ 8' bgs	PBS-B8 1-3' WT ~ 7' bgs	PBS-B8 8-10' WT ~ 7' bgs	PBS-B9 1-3' WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.002	0.001 U	0.003	0.00101 U	2.260
Dibenzo[a,h]anthracene	7.6	0.00646 U	0.00611 U	0.00588 U	0.00617 U	0.511
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.002	0.00132 U	0.004	0.00134 U	4.530
Fluorene	2,800	0.012 U	0.0113	0.0109 U	0.0114 U	0.560
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.000577 U	0.000545 U	0.000525 U	0.00055 U	0.450
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.0092 U	0.00869 U	0.00837 U	0.00877 U	2.060
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.003	0.00124 U	0.003	0.00125 U	5.810
Pyrene	21,000	0.00371 U	0.00351 U	0.00338 U	0.00354 U	1.980
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	23.30	NA	10.80	NA	20.40
Barium*	110	45.70	NA	38.00	NA	78.70
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.00654 U	NA	0.00596 U	NA	0.00627 U
Chromium**	24	18.80	NA	12.8	NA	16.20
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	21.10	NA	14.90	NA	55.60
Mercury*	0.06	0.0524 U	NA	0.0477 U	NA	0.05 U
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	0.521 U	NA	0.474 U	NA	0.499 U
Silver*	0.55	0.366 U	NA	0.334 U	NA	0.351 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B9 6-8'	PBS-B10 1-3'	PBS-B10 8-10'	PBS-B11 1-3'	PBS-B12 1-3'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	16	0.037	NA	NA	NA	NA
Benzene	0.17	0.00423 U	NA	NA	NA	NA
Bromodichloromethane	0.6	0.00423 U	NA	NA	NA	NA
Bromoform	0.8	0.00423 U	NA	NA	NA	NA
Bromomethane	--	0.00423 U	NA	NA	NA	NA
2-Butanone	--	0.00845 U	NA	NA	NA	NA
Carbon Disulfide	160	0.00845 U	NA	NA	NA	NA
Carbon Tetrachloride	0.33	0.00423 U	NA	NA	NA	NA
Chlorobenzene	6.5	0.00423 U	NA	NA	NA	NA
Chlorodibromomethane	0.4	0.00423 U	NA	NA	NA	NA
Chloroethane	--	0.00423 U	NA	NA	NA	NA
Chloroform	2.9	0.00423 U	NA	NA	NA	NA
Chloromethane	--	0.00423 U	NA	NA	NA	NA
1,1-Dichloroethane	110	0.00423 U	NA	NA	NA	NA
1,2-Dichloroethane	0.1	0.00423 U	NA	NA	NA	NA
1,1-Dichloroethene	0.3	0.00423 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	0.00423 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	0.00423 U	NA	NA	NA	NA
1,2-Dichloropropane	0.15	0.00423 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	0.00423 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	0.00423 U	NA	NA	NA	NA
Ethylbenzene	19	0.00423 U	NA	NA	NA	NA
2-hexanone	--	0.00845 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.00845 U	NA	NA	NA	NA
Methylene Chloride	0.2	0.00423 U	NA	NA	NA	NA
Styrene	18	0.00423 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.00423 U	NA	NA	NA	NA
Tetrachloroethene	0.3	0.00423 U	NA	NA	NA	NA
Toluene	29	0.00423 U	NA	NA	NA	NA
1,1,1-Trichloroethane	9.6	0.00423 U	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	0.00423 U	NA	NA	NA	NA
Trichloroethene	0.3	0.00423 U	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	0.00423 U	NA	NA	NA	NA
Xylenes (total)	150	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Chlorophenol	4	NA	NA	NA	0.130 U	NA
2,4-Dimethylphenol	9	NA	NA	NA	0.0871 U	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	0.0871 U	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Methylphenol	15	NA	NA	NA	0.0871 U	NA
3&4-Methylphenol	--	NA	NA	NA	0.0871 U	NA
2-Nitrophenol	--	NA	NA	NA	0.1080 U	NA
4-Nitrophenol	--	NA	NA	NA	0.0871 U	NA
Pentachlorophenol	0.14	NA	NA	NA	0.108 U	NA
Phenol	100	NA	NA	NA	0.0871 U	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	0.130 U	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	0.130 U	NA
Acenaphthene	2,900	0.0326 U	0.0322 U	0.0333 U	0.0108 U	0.0321 U
Acenaphthylene	--	0.0208 U	0.0206 U	0.0213 U	0.0217 U	0.0205 U
Anthracene	59,000	0.0050	0.001	0.000862 U	0.000877 U	0.002
Benzo[a]anthracene	8	0.0091	0.005	0.00204 U	0.004	0.013
Benzo[b]fluoranthene	25	0.0089	0.006	0.0012	0.005	0.015
Benzo[k]fluoranthene	250	0.0067	0.003	0.0005	0.003	0.008
Benzo[g,h,i]perylene	--	0.0067	0.010	0.00158 U	0.004	0.010
Benzo[a]pyrene	82	0.0062	0.003	0.00187 U	0.00191 U	0.013
Butylbenzylphthalate	930	NA	NA	NA	0.0871 U	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	0.0871 U	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	0.0871 U	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	0.0871 U	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	0.0871 U	NA
4-bromaphenylphenylether	--	NA	NA	NA	0.0871 U	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B9 6-8'	PBS-B10 1-3'	PBS-B10 8-10'	PBS-B11 1-3'	PBS-B12 1-3'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	0.0871 U	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.0871 U	NA
4-Chloroaniline	0.7	NA	NA	NA	0.0871 U	NA
Chrysene	800	0.0093	0.005	0.00103 U	0.065	0.017
Dibenzo[a,h]anthracene	7.6	0.00617 U	0.0061 U	0.0063 U	0.00641 U	0.007
Dibenzofuran	--	NA	NA	NA	0.0871 U	NA
Di-n-butylphthalate	2,300	NA	NA	NA	0.13 U	NA
1,2-Dichlorobenzene	43	NA	NA	NA	0.0871 U	NA
1,3-Dichlorobenzene	--	NA	NA	NA	0.0871 U	NA
1,4-Dichlorobenzene	11	NA	NA	NA	0.0871 U	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	0.0871 U	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	0.13 U	NA
Diethylphthalate	470	NA	NA	NA	0.0871 U	NA
Dimethylphtalate	--	NA	NA	NA	0.0871 U	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	0.0871 U	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	0.0871 U	NA
Di-n-octylphthalate	10,000	NA	NA	NA	0.0871 U	NA
Fluoranthene	21,000	0.0161	0.009	0.00136 U	0.007	0.027
Fluorene	2,800	0.0114 U	0.0113 U	0.0117 U	0.0119 U	0.0112 U
Hexachlorobenzene	11	NA	NA	NA	0.108 U	NA
Hexachlorobutadiene	--	NA	NA	NA	0.0871 U	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	0.0871 U	NA
Hexachloroethane	2.6	NA	NA	NA	0.0871 U	NA
Indeno[1,2,3-cd]pyrene	69	0.0029	0.002	0.000562 U	0.000572 U	0.005
Isophorone	8	NA	NA	NA	0.0871 U	NA
2-Methylnaphthalene	--	NA	NA	NA	0.0871 U	NA
Naphthalene	18	0.00877 U	0.009 U	0.00896 U	0.0091 U	0.011
2-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
3-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
4-Nitroaniline	--	NA	NA	NA	0.0871 U	NA
Nitrobenzene	0.10	NA	NA	NA	0.0871 U	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	0.0871 U	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	0.0871 U	NA
Phenanthrene	--	0.0163	0.008	0.0018	0.005	0.023
Pyrene	21,000	0.0048	0.0035 U	0.00362 U	0.00369 U	0.015
1,2,4-Trichlorobenzene	53	NA	NA	NA	0.0871 U	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	13.70	15.10	NA	14.40	19.90
Barium*	110	62.40	39.00	NA	46.20	57.10
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.00624 U	0.01 U	NA	0.01 U	0.00614 U
Chromium**	24	16.70	14.30	NA	19.00	15.0
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	17.80	29.90	NA	21.30	29.20
Mercury*	0.06	0.0499 U	0.049 U	NA	0.0519 U	0.0491 U
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	0.497 U	0.49 U	NA	0.517 U	0.398 U
Silver*	0.55	16.20	0.35 U	NA	0.364 U	0.344 U
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
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(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
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(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B13 1-3'	PBS-B13 6-8'	PBS-B14 1-3'	PBS-B15 1-3'	PBS-B15 6-8'
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
TCL VOCs (mg/kg)						
Acetone	16	0.03	NA	NA	NA	NA
Benzene	0.17	0.003 U	NA	NA	NA	NA
Bromodichloromethane	0.6	0.003 U	NA	NA	NA	NA
Bromoform	0.8	0.003 U	NA	NA	NA	NA
Bromomethane	--	0.003 U	NA	NA	NA	NA
2-Butanone	--	0.006 U	NA	NA	NA	NA
Carbon Disulfide	160	0.006 U	NA	NA	NA	NA
Carbon Tetrachloride	0.33	0.003 U	NA	NA	NA	NA
Chlorobenzene	6.5	0.003 U	NA	NA	NA	NA
Chlorodibromomethane	0.4	0.003 U	NA	NA	NA	NA
Chloroethane	--	0.003 U	NA	NA	NA	NA
Chloroform	2.9	0.003 U	NA	NA	NA	NA
Chloromethane	--	0.003 U	NA	NA	NA	NA
1,1-Dichloroethane	110	0.003 U	NA	NA	NA	NA
1,2-Dichloroethane	0.1	0.003 U	NA	NA	NA	NA
1,1-Dichloroethene	0.3	0.003 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	1.1	0.003 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	3.4	0.003 U	NA	NA	NA	NA
1,2-Dichloropropane	0.15	0.003 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.02	0.003 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.02	0.003 U	NA	NA	NA	NA
Ethylbenzene	19	0.003 U	NA	NA	NA	NA
2-hexanone	--	0.006 U	NA	NA	NA	NA
4-methyl-2-pentanone	--	0.006 U	NA	NA	NA	NA
Methylene Chloride	0.2	0.008 U	NA	NA	NA	NA
Styrene	18	0.003 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	0.003 U	NA	NA	NA	NA
Tetrachloroethene	0.3	0.003 U	NA	NA	NA	NA
Toluene	29	0.003 U	NA	NA	NA	NA
1,1,1-Trichloroethane	9.6	0.003 U	NA	NA	NA	NA
1,1,2-Trichloroethane	0.3	0.003 U	NA	NA	NA	NA
Trichloroethene	0.3	0.003 U	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	0.003 U	NA	NA	NA	NA
Xylenes (total)	150	NA	NA	NA	NA	NA
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	0.2	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	15	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	0.14	NA	NA	NA	NA	NA
Phenol	100	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1,400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.0317 U	0.0332 U	0.0347 U	0.030 U	0.034 U
Acenaphthylene	--	0.0203 U	0.0212 U	0.0222 U	0.020 U	0.0218 U
Anthracene	59,000	0.00082 U	0.00086 U	0.001	0.002 U	0.000881 U
Benzo[a]anthracene	8	0.00194 U	0.00204 U	0.006	0.019 U	0.00208 U
Benzo[b]fluoranthene	25	0.002	0.000728 U	0.007	0.022 U	0.000754 U
Benzo[k]fluoranthene	250	0.001	0.000482 U	0.004	0.011 U	0.000494 U
Benzo[g,h,i]perylene	--	0.0015 U	0.00158 U	0.005	0.016 U	0.00162 U
Benzo[a]pyrene	82	0.002	0.00187 U	0.004	0.021 U	0.00192 U
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether	0.0004	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed.
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(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
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Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B13 1-3' WT ~ 8' bgs	PBS-B13 6-8' WT ~ 8' bgs	PBS-B14 1-3' WT ~ 8' bgs	PBS-B15 1-3' WT ~ 8' bgs	PBS-B15 6-8' WT ~ 8' bgs
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	0.7	NA	NA	NA	NA	NA
Chrysene	800	0.001	0.00103 U	0.007	0.0010 U	0.00106 U
Dibenzo[a,h]anthracene	7.6	0.00599 U	0.00628 U	0.00657 U	0.0063 U	0.00644 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	43	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	11	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	0.033	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.0	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.0008	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0007	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.002	0.00136 U	0.0111 U	0.00136 U	0.00139 U
Fluorene	2,800	0.0111 U	0.0116 U	0.0122 U	0.0117 U	0.0119 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2,200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.00054 U	0.000561 U	0.004	0.000562 U	0.000575 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	18	0.00853 U	0.00894 U	0.00935 U	0.00896 U	0.00916 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.10	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.002	0.00127	0.008	0.0127 U	0.0013 U
Pyrene	21,000	0.00344 U	0.00361 U	0.00378 U	0.00362 U	0.0037 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	130	10.80	NA	9.99	NA	NA
Barium*	110	35.00	NA	39.60	NA	NA
Beryllium*	0.59	NA	NA	NA	NA	NA
Cadmium*	0.6	0.01 U	NA	0.00669 U	NA	NA
Chromium**	24	14.40	NA	15.40	NA	NA
Copper*	19.6	NA	NA	NA	NA	NA
Lead*	--	16.10	NA	40.70	NA	NA
Mercury*	0.06	0.05 U	NA	0.054 U	NA	NA
Nickel*	18.0	NA	NA	NA	NA	NA
Selenium	1.8	0.483 U	NA	0.533 U	NA	NA
Silver*	0.55	0.34 U	NA	0.375 U	NA	NA
Thallium	44	NA	NA	NA	NA	NA
Zinc*	95	NA	NA	NA	NA	NA
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	NA
SPLP Cadmium	0.05	NA	NA	NA	NA	NA
SPLP Chromium	1.0	NA	NA	NA	NA	NA
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Mercury	0.01	NA	NA	NA	NA	NA
SPLP Selenium	0.05	NA	NA	NA	NA	NA
SPLP Silver	--	NA	NA	NA	NA	NA

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(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
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(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface
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(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3'	PBS-B16 8-10'	PBS-B17 1-3'	PBS-B17 6-8'	
		WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	
TCL VOCs (mg/kg)						
Acetone	16	0.03	0.018	NA	0.013	
Benzene	0.17	0.00343 U	0.00343 U	NA	0.00325 U	
Bromodichloromethane	0.6	0.00343 U	0.00343 U	NA	0.00325 U	
Bromoform	0.8	0.00343 U	0.00343 U	NA	0.00325 U	
Bromomethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
2-Butanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
Carbon Disulfide	160	0.00685 U	0.00687 U	NA	0.00325 U	
Carbon Tetrachloride	0.33	0.00343 U	0.00343 U	NA	0.00325 U	
Chlorobenzene	6.5	0.00343 U	0.00343 U	NA	0.00325 U	
Chlorodibromomethane	0.4	0.00343 U	0.00343 U	NA	0.00325 U	
Chloroethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
Chloroform	2.9	0.00343 U	0.00343 U	NA	0.00325 U	
Chloromethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
1,1-Dichloroethane	110	0.00343 U	0.00343 U	NA	0.00325 U	
1,2-Dichloroethane	0.1	0.00343 U	0.00343 U	NA	0.00325 U	
1,1-Dichloroethene	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Cis-1,2-Dichloroethene	1.1	0.00343 U	0.00343 U	NA	0.00325 U	
Trans-1,2-Dichloroethene	3.4	0.00343 U	0.00343 U	NA	0.00325 U	
1,2-Dichloropropane	0.15	0.00343 U	0.00343 U	NA	0.00325 U	
Cis-1,3-Dichloropropene	0.02	0.00343 U	0.00343 U	NA	0.00325 U	
Trans-1,3-Dichloropropene	0.02	0.00343 U	0.00343 U	NA	0.00325 U	
Ethylbenzene	19	0.00343 U	0.00343 U	NA	0.00325 U	
2-hexanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
4-methyl-2-pentanone	--	0.00685 U	0.00687 U	NA	0.0065 U	
Methylene Chloride	0.2	0.00822 U	0.00343 U	NA	0.00325 U	
Styrene	18	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,2,2-Tetrachloroethane	--	0.00343 U	0.00343 U	NA	0.00325 U	
Tetrachloroethene	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Toluene	29	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,1-Trichloroethane	9.6	0.00343 U	0.00343 U	NA	0.00325 U	
1,1,2-Trichloroethane	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Trichloroethene	0.3	0.00343 U	0.00343 U	NA	0.00325 U	
Vinyl Acetate	170	NA	NA	NA	NA	
Vinyl Chloride	0.07	0.00343 U	0.00343 U	NA	0.00325 U	
Xylenes (total)	150	NA	NA	NA	NA	
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	0.084 U	NA	
2-Chlorophenol	4	NA	NA	0.125 U	NA	
2,4-Dimethylphenol	9	NA	NA	0.084 U	NA	
2,4-Dinitrophenol	0.2	NA	NA	0.084 U	NA	
4,6-Dinitro-2-Methylphenol	--	NA	NA	0.084 U	NA	
2-Methylphenol	15	NA	NA	0.084 U	NA	
3&4-Methylphenol	--	NA	NA	0.084 U	NA	
2-Nitrophenol	--	NA	NA	0.084 U	NA	
4-Nitrophenol	--	NA	NA	0.084 U	NA	
Pentachlorophenol	0.14	NA	NA	0.104 U	NA	
Phenol	100	NA	NA	0.838 U	NA	
2,4,5-Trichlorophenol	1,400	NA	NA	0.125 U	NA	
2,4,6-Trichlorophenol	0.77	NA	NA	0.125 U	NA	
Acenaphthene	2,900	0.0321 U	0.0329 U	0.0104 U	0.0306 U	
Acenaphthylene	--	0.0206 U	0.0211 U	0.0209 U	0.0196 U	
Anthracene	59,000	0.006	0.000852 U	0.012	0.040	
Benzo[a]anthracene	8	0.002	0.00202 U	0.033	0.126	
Benzo[b]fluoranthene	25	0.003	0.000721 U	0.038	0.174	
Benzo[k]fluoranthene	250	0.002	0.000478 U	0.020	0.078	
Benzo[g,h,i]perylene	--	0.003	0.00156 U	0.033	0.179	
Benzo[a]pyrene	82	0.004	0.00185 U	0.040	0.133	
Butylbenzylphthalate	930	NA	NA	0.084 U	NA	
Bis(2-chloroethoxy)methane	--	NA	NA	0.084 U	NA	
Bis(2-chloroethyl) ether	0.0004	NA	NA	0.084 U	NA	
Bis(2-chloroisopropyl) ether	--	NA	NA	0.084 U	NA	
Bis(2-ethylhexyl)phthalate	31,000	NA	NA	0.084 U	NA	
4-bromaphenylphenylether	--	NA	NA	0.084 U	NA	
Carbazole	2.8	NA	NA	NA	NA	

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed.
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data.

Table 11 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		PBS-B16 1-3' WT ~ 8' bgs	PBS-B16 8-10' WT ~ 8' bgs	PBS-B17 1-3' WT ~ 8' bgs	PBS-B17 6-8' WT ~ 8' bgs	
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	0.0838 U	NA	
4-Chlorophenyl-phenylether	--	NA	NA	0.0838 U	NA	
4-Chloroaniline	0.7	NA	NA	0.0838 U	NA	
Chrysene	800	0.003	0.00102 U	0.040	0.162	
Dibenzo[a,h]anthracene	7.6	0.006 U	0.00623 U	0.018	0.0342	
Dibenzofuran	--	NA	NA	0.0838 U	NA	
Di-n-butylphthalate	2,300	NA	NA	0.125 U	NA	
1,2-Dichlorobenzene	43	NA	0.00343 U	0.0838 U	NA	
1,3-Dichlorobenzene	--	NA	0.00343 U	0.0838 U	NA	
1,4-Dichlorobenzene	11	NA	0.00343 U	0.0838 U	NA	
3,3-Dichlorobenzidine	0.033	NA	NA	0.0838 U	NA	
2,4-Dichlorophenol	1.0	NA	NA	0.125 U	NA	
Diethylphthalate	470	NA	NA	0.0838 U	NA	
Dimethylphtalate	--	NA	NA	0.0838 U	NA	
2,4-Dinitrotoluene	0.0008	NA	NA	0.0838 U	NA	
2,6-Dinitrotoluene	0.0007	NA	NA	0.0838 U	NA	
Di-n-octylphthalate	10,000	NA	NA	0.0838 U	NA	
Fluoranthene	21,000	0.004	0.00135 U	0.068	0.211	
Fluorene	2,800	0.011 U	0.0115 U	0.0114 U	0.0107 U	
Hexachlorobenzene	11	NA	NA	0.104 U	NA	
Hexachlorobutadiene	--	NA	NA	0.0838 U	NA	
Hexachlorocyclopentadiene	2,200	NA	NA	0.0838 U	NA	
Hexachloroethane	2.6	NA	NA	0.0838 U	NA	
Indeno[1,2,3-cd]pyrene	69	0.001 U	0.000556 U	0.013	0.0695	
Isophorone	8	NA	NA	0.0838 U	NA	
2-Methylnaphthalene	--	NA	NA	0.0838 U	NA	
Naphthalene	18	0.009 U	0.00886 U	0.0088 U	0.0273	
2-Nitroaniline	--	NA	NA	0.0838 U	NA	
3-Nitroaniline	--	NA	NA	0.0838 U	NA	
4-Nitroaniline	--	NA	NA	0.0838 U	NA	
Nitrobenzene	0.10	NA	NA	0.0838 U	NA	
N-nitrosodi-n-propylamine	0.66	NA	NA	0.0838 U	NA	
N-nitrosodimethylamine	--	NA	NA	NA	NA	
N-nitrosodiphenylamine	5.6	NA	NA	0.0838 U	NA	
Phenanthrene	--	0.004	0.00126 U	0.043	0.0894	
Pyrene	21,000	0.0035 U	0.00358 U	0.065	0.224	
1,2,4-Trichlorobenzene	53	NA	0.00343 U	0.084 U	NA	
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	
Arsenic	130	20.00	15.20	12.75	19.30	
Barium*	110	43.80	21.60	45.00	28.20	
Beryllium*	0.59	NA	NA	NA	NA	
Cadmium*	0.6	0.01 U	0.00631 U	2.11	0.00585 U	
Chromium**	24	16.90	16.4	16.2	11.00	
Copper*	19.6	NA	NA	NA	NA	
Lead*	--	26.40	16.5	46.40	12.90	
Mercury*	0.06	0.51	0.0504 U	0.05 U	0.109	
Nickel*	18.0	NA	NA	NA	NA	
Selenium	1.8	0.49 U	0.502 U	0.50 U	0.466 U	
Silver*	0.55	0.35 U	0.353 U	0.35 U	0.328 U	
Thallium	44	NA	NA	NA	NA	
Zinc*	95	NA	NA	NA	NA	
Total Cyanide	120	NA	NA	NA	NA	
SPLP Selected Metals (mg/L)						
SPLP Barium	2.0	NA	NA	NA	NA	
SPLP Cadmium	0.05	NA	NA	NA	NA	
SPLP Chromium	1.0	NA	NA	NA	NA	
SPLP Lead	0.1	NA	NA	NA	NA	
SPLP Mercury	0.01	NA	NA	NA	NA	
SPLP Selenium	0.05	NA	NA	NA	NA	
SPLP Silver	--	NA	NA	NA	NA	

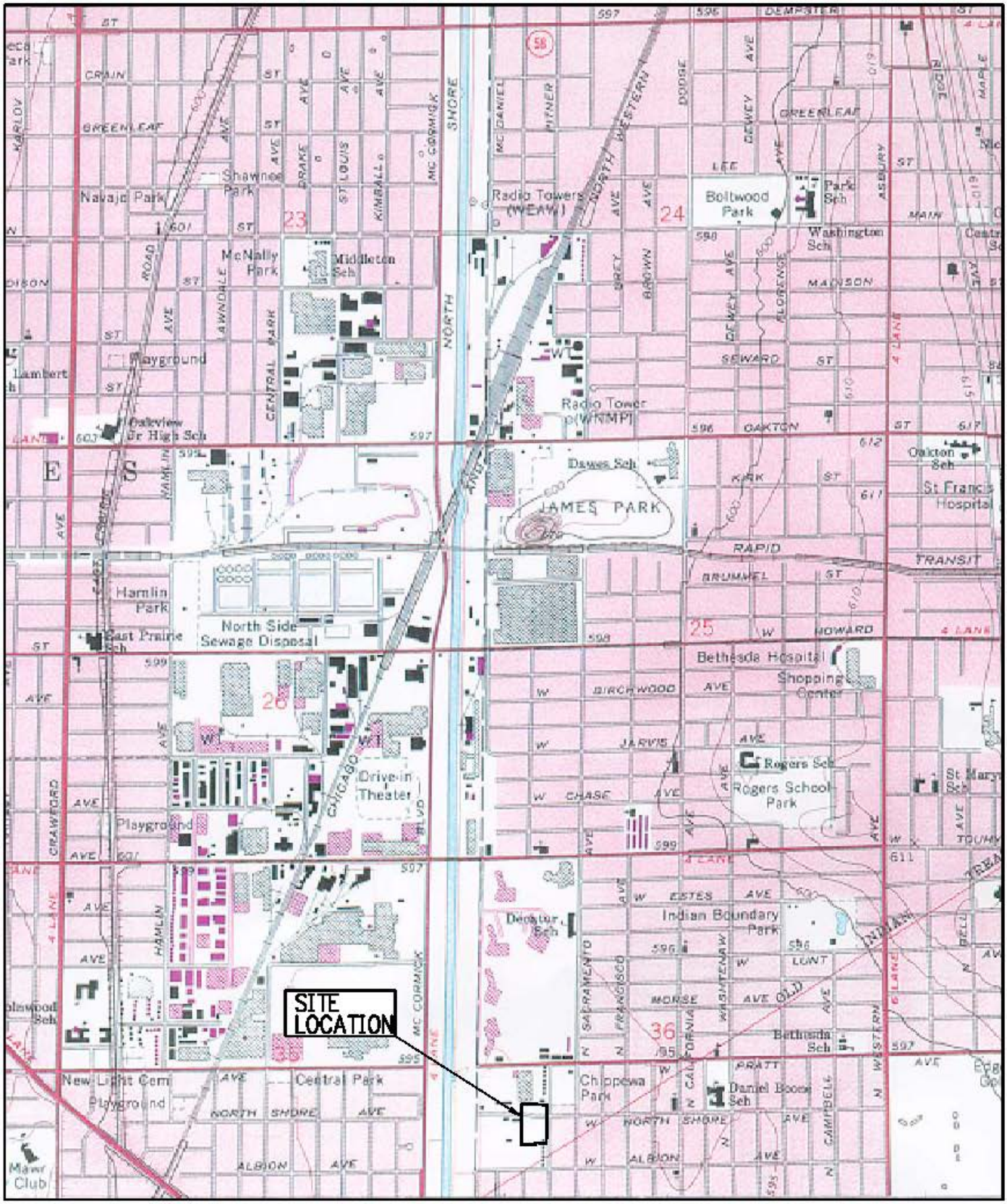
NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level
(5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(6) * No pH dependent value was available so MSA background data was used. Select samples were further analyzed by SPLP metho
(7) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) WT~ n' bgs - Water Table approximately n feet below ground surface.
(9) WT~ NE - Water Table not encountered.
(10) NR - Not Relevant, See SPLP data

Table 12
Tier 1 Screening: Groundwater Ingestion Exposure Route - Class II
Rogers Park East Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Date Sampled/Concentration				
		RPM-MW001 06/22/2001	RPM-MW002 06/22/2001	RPM-MW003 06/22/2001	RPM-MW004 06/22/2001	RPM-MW005 06/22/2001
TCL VOCs (mg/L)						
Acetone	0.7	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane*	0.0002	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform*	0.001	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane*	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Butanone	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon Disulfide	3.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	0.14	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform*	0.001	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-Dichloroethane	3.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethylene	0.035	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-dichloroethylene	0.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-dichloroethylene	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2 Dichloropropane	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.005	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-dichloropropene	0.005	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethyl Benzene	1.0	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Hexanone	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	---	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethylene	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	2.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene	0.025	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	7	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Vinyl Chloride	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Polynuclear Aromatic Hydrocarbons (mg/L)						
Acenaphthene	2.1	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acenaphthylene	---	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Anthracene	10.5	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.00065	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
Benzo(b)fluoranthene	0.0009	0.00018 U	0.00018 U	0.00018 U	0.00018 U	0.00018 U
Benzo(k)fluoranthene	0.00085	0.00017 U	0.00017 U	0.00017 U	0.00017 U	0.00017 U
Benzo(a)pyrene	0.002	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Benzo(g,h,i)perylene	---	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Chrysene	0.0075	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibenzo(a,h)anthracene	0.0015	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Fluorene	1.4	0.002 U	0.002 U	0.002 U	0.002 U	0.003
Fluoranthene	1.4	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Indeno(1,2,3-cd)pyrene	0.00215	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Naphthalene	0.22	0.001 U	0.001 U	0.001 U	0.001 U	0.009
Phenanthrene	---	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pyrene	1.05	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
RCRA Metals and Total Cyanide (mg/L)						
Arsenic	0.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Barium	2	0.016	0.017	0.022	0.016	0.119
Cadmium	0.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium	1	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	0.1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Mercury	0.01	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Selenium	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	---	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Total Cyanide	0.6	0.365	0.089	0.01 U	0.015	0.015

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) --- Toxicity criteria no available for groundwater ingestion exposure route (Illinois EPA 2001)
(3) * Non-detect value exceeds TACO Tier 1 screening level for compound Non-detect values are not hightlighted.

Figures
Rogers Park East Parcel



NORTH

24,000 0 24,000

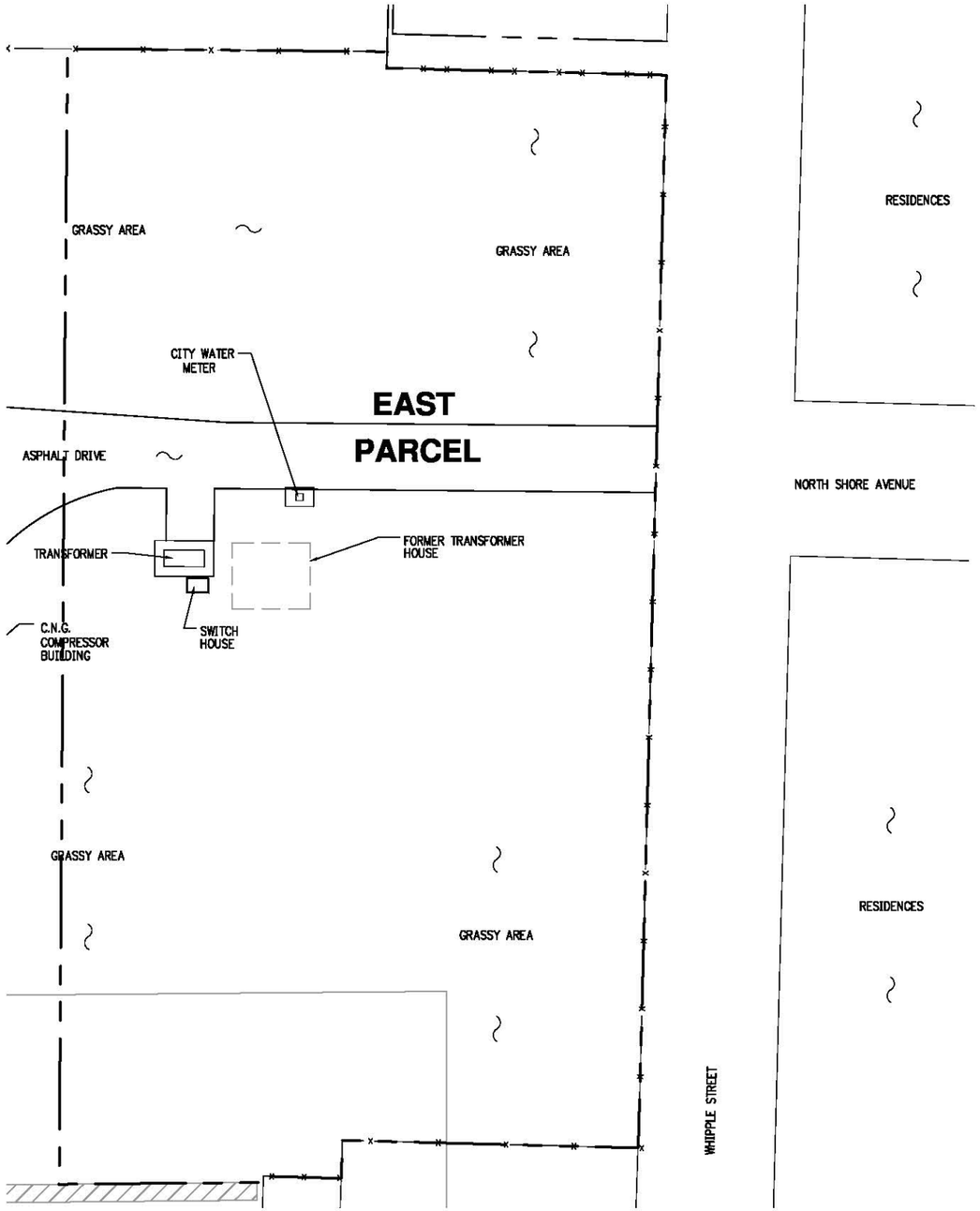
SCALE IN FEET

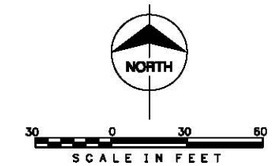
Burns & McDonnell

Figure 1

SITE LOCATION MAP
THE PEOPLES GAS LIGHT
AND COKE COMPANY
ROGERS PARK – EAST PARCEL
CHICAGO, ILLINOIS

I:/PEOPLES GAS/ROGERS PARK/CAD/EAST PARCEL/SI REPORT/SITE LOCATION MAP





LEGEND

- FENCE
- PROPERTY LINE
- FORMER STRUCTURE/ BUSINESS LOCATION

SOURCES:

1. HANSON ENGINEERS FIGURE 3.4 FROM THE JULY 1992 PRELIMINARY
2. SITE INVESTIGATION REPORT FOR NORTH SHORE AVENUE STATION. PEOPLES ENERGY, ROGERS PARK SUB-SHOP INSURANCE PLAT,
3. SCALE 1"=40', 1999.
   PEOPLES GAS, PLAT OF SURVEY FOR, SOUTHERN PARCEL OF
4. NORTH SHORE STATION, SCALE 1"=40', JULY 1956.
   WESTON FIELD OBSERVATIONS.

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

Burns & McDonnell SINCE 1898

date 8-22-01	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

FIGURE 2
SITE PLAN
ROGERS PARK – EAST PARCEL
6659 N. KEDZIE AVENUE

project 27194	contract
drawing	rev.
sheet	of sheets

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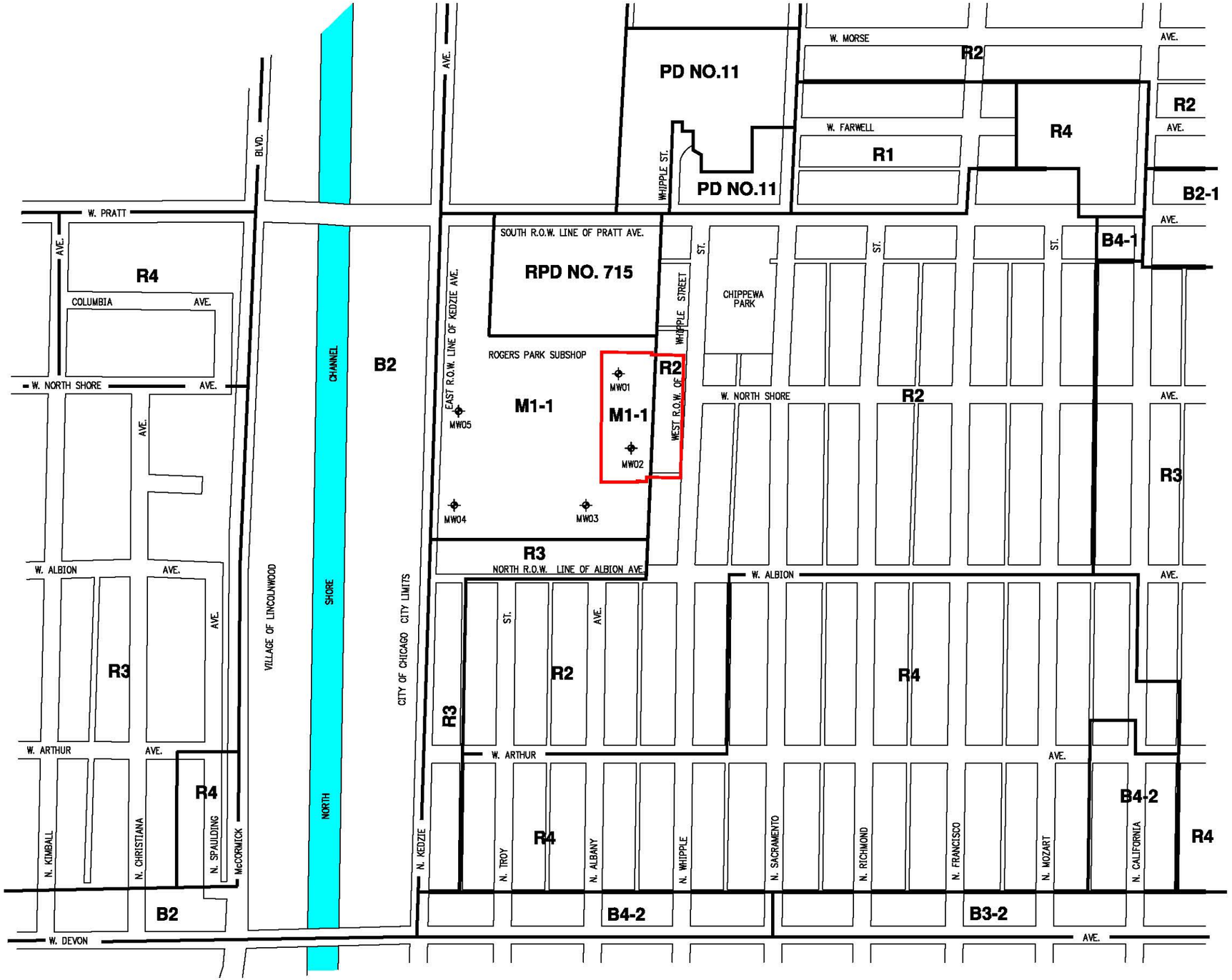

LEGEND

M1–1, R3	ZONING CODES
	ZONING BORDERS
	SITE LOCATION

ZONING DISTRICTS

M1-1	RESTRICTED MANUFACTURING
R1, R2	SINGLE–FAMILY RESIDENCE
R3, R4	GENERAL RESIDENCE
PD	PLANNED RESIDENTIAL
RPD	RESIDENTIAL PLANNED DEVELOPMENT
B2-1	RESTRICTED RETAIL DISTRICTS
B3-2	GENERAL RETAIL DISTRICTS
B4-1, B4-2	RESTRICTED SERVICE DISTRICTS
B2	GENERAL BUSINESS DISTRICT (VILLAGE OF LINCOLNWOOD)

NORTH

200 0 200 400

SCALE IN FEET

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THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

FIGURE 3
SURROUNDING AREA MAP
ROGERS PARK – EAST PARCEL
6659 N. KEDZIE AVENUE

project 27194 | contract

drawing | rev. –

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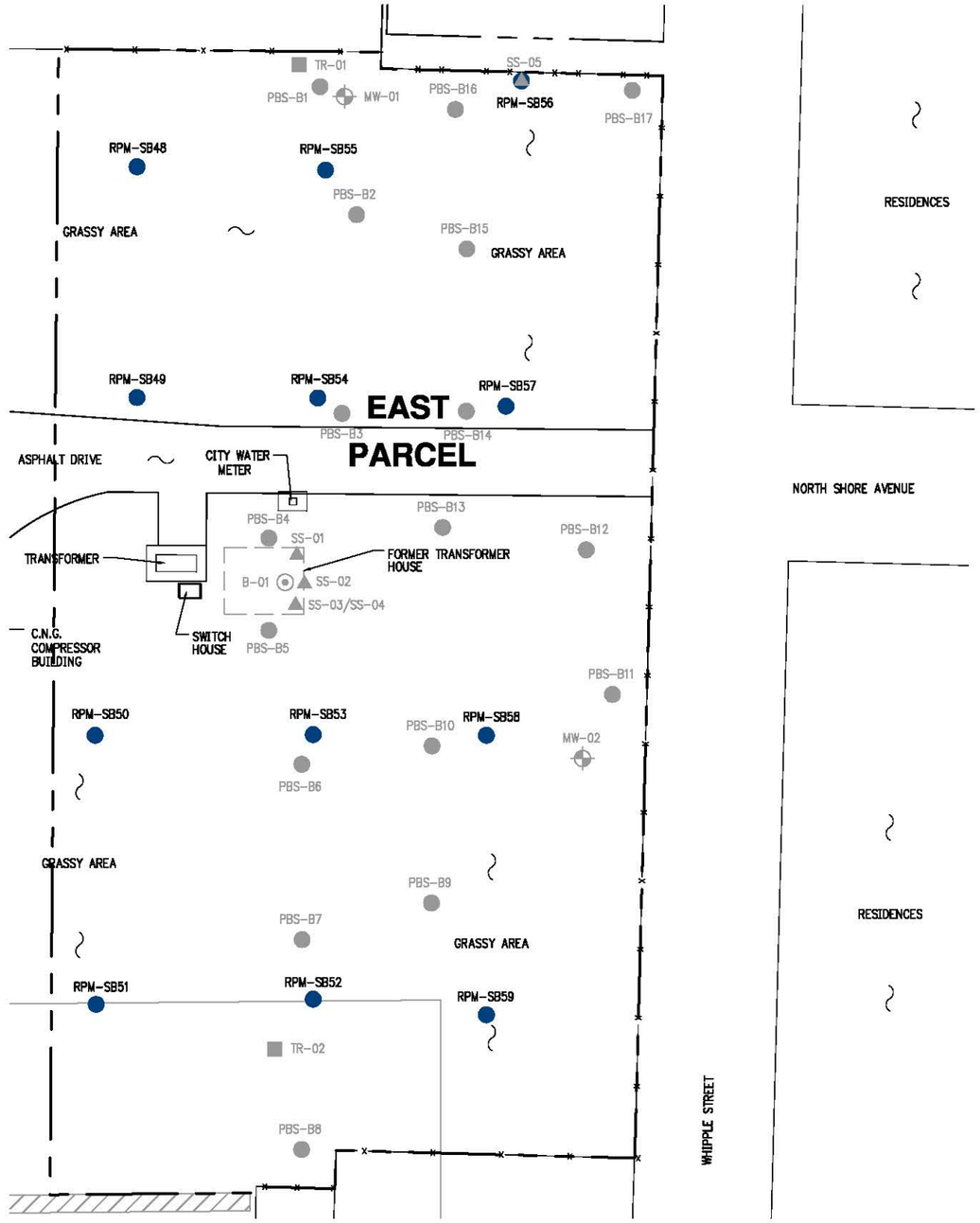

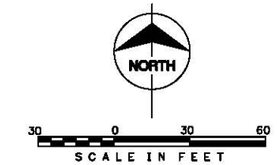

LEGEND

- FENCE
- PROPERTY LINE
- FORMER STRUCTURE/ BUSINESS LOCATION
- SOIL BORING
- MONITORING WELL LOCATION
- B-1 PREVIOUS SOIL BORING LOCATION BY WESTON
- MW-01 PREVIOUS MONITORING WELL LOCATION BY WESTON
- SS-01 PREVIOUS SURFACE SOIL SAMPLE LOCATION BY WESTON
- TR-01 PREVIOUS TRENCH SAMPLE LOCATION BY WESTON
- PBS-B1 PREVIOUS SOIL BORING LOCATION BY CARNOW, CONIBEAR & ASSOCIATES, LTD.

SOURCES:

1. HANSON ENGINEERS FIGURE 3.4 FROM THE JULY 1992 PRELIMINARY
2. SITE INVESTIGATION REPORT FOR NORTH SHORE AVENUE STATION. PEOPLES ENERGY, ROGERS PARK SUB-SHOP INSURANCE PLAT,
3. SCALE 1"=40', 1999. PEOPLES GAS, PLAT OF SURVEY FOR, SOUTHERN PARCEL OF
4. NORTH SHORE STATION, SCALE 1"=40', JULY 1956. WESTON FIELD OBSERVATIONS.

NOTE:
ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

Burns & McDonnell SINCE 1898

date 8-22-01	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

FIGURE 4
SAMPLE LOCATION MAP
ROGERS PARK - EAST PARCEL
6659 N. KEDZIE AVENUE

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Appendix A
Carnow, Conibear & Associates, Ltd. Soil Analytical Results

Rogers Park East Parcel
Site Investigation Report for the East Parcel

Prepared January 2002

Table Of Contents

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EXHIBITS

Exhibit I Site Location Map
Exhibit II Boring Location Map
Exhibit III Impacted Soil Plume Map

TABLE

Table I Soil Analytical Results - Volatile Organic Compound Analyses
Table II Soil Analytical Results - Semivolatile Organic Compound Analyses

APPENDICES

Appendix A Boring Logs
Appendix B Laboratory Analytical Report - Soil Sampling

Preliminary & Confidential

1.0 Executive Summary

This report presents the results of a Phase II Environmental Site Assessment (ESA) investigation for a vacant lot located at 6612-6714 North Whipple Avenue, Chicago, Illinois. Carnow, Conibear & Assoc., Ltd (CCA) understands that the site is currently owned by Peoples Energy, and that the Chicago Public School is interested in acquiring the site to build a new school. The objective of the Phase II ESA investigation was to determine whether the site is impacted and to determine the site's regulatory conditions.

The site investigation work included performing seventeen (17) soil borings, collecting soil samples for field inspection and laboratory analysis, and interpreting the analytical results. Two (2) soil samples were collected from each boring. The first sample was collected from within the top three (3) feet, while the second sample was collected from depths between six (6) and ten (10) feet based on field observations. The soil borings extended to depths of ten (10) feet below the existing ground surface.

Soil samples were analyzed for total RCRA metals and Polynuclear Aromatics (PNAs). Selected soil samples were analyzed for Pesticides and Polychlorinated biphenyls (Pesticides/PCBs), Volatile organic compounds (VOCs) and Semi-Volatile organic compounds (SVOCs). Additionally, two (2) samples were analyzed for benzene, toluene, ethyl benzene and xylene (BTEX).

Laboratory analytical results revealed the presence of several inorganic heavy metals and PNA constituents in the soil samples. CCA compared the laboratory analytical results with Tier 1 Soil Remediation Objectives (SROs) as listed in the Illinois Environmental Protection Agency's (IEPA's) Title 35 Illinois Administrative Code (IAC) Part 742: Tiered Approach to Corrective Action Objectives (TACO). Based on the proposed use of the site as a public school, CCA utilized the Residential scenario (the most conservative value and, therefore, the most protective of human health and environment) for the site. Several PNAs were detected above the IEPA TACO Tier 1 SROs for the Ingestion Exposure Route for Residential Properties in the soil sample collected from the south-central and northeast corner of the site. Additionally, the heavy metal arsenic was detected above the area background concentrations in the north and south-central parts of the site. The vertical extent of impacted soil appears to extend from the surface to depths between eight (8) to ten (10) feet.

Limited soil remediation and/or engineered barrier will be required for the site. The location and volume of the soil requiring remediation will be determined based on the site future redevelopment plans. Impacted soil with constituents above SROs for Residential Properties or heavy metals above the area background concentrations shall be disposed of at an approved disposal facility if the soil is removed off-site during future redevelopment activities.

2.0 Introduction

Carnow, Conibear & Assoc., Ltd. (CCA) was retained by Chicago Public Schools to perform Phase II Environmental Site Assessment (ESA) activities at the proposed Boone School, located at 6612-6714 Whipple Avenue, Chicago, Illinois. CCA initiated this project under number A13061 E8017. The objectives of the Phase II ESA investigation was to determine whether the site is impacted and the regulatory conditions of the site for the proposed new school.

The site is located in Section 36 of Township 41 North, Range 13 East in Cook County, Illinois (**Exhibit I**). The site is a vacant grass-covered lot. The site encompasses a total area of 1.6 acres and is rectangular in shape. The adjacent property to the west is owned by People's Energy and contains two multi-story brick buildings, a fueling island and a parking lot. The adjacent properties to the north, south and east are residential.

2.1 Background

CCA performed a Phase I ESA investigation of the site in December 1999. The Phase I ESA investigation included a visual inspection of the property and adjacent properties accessible to the general public.

The Phase I ESA investigation revealed the presence of two (2) underground storage tanks (USTs) located on the adjacent property to the west of the site, the People's Gas property. A LUST incident was also filed on this property with the IEPA in 1990 and remains open to this date. Additionally, the property to the north was utilized for industrial purposes. Based on the results of the Phase I ESA investigation, surface and subsurface soil contamination are present on the adjacent property to the north.

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3.0 Scope of Work

The objectives of the Phase II ESA were to determine whether the soil has been impacted due to the historical uses of the adjacent properties. CCA's scope of work consisted of the following tasks:

- Advance soil borings at the site and collect soil samples from the borings;
- Perform quantitative analysis of selected soil samples collected from the borings;
- Review and interpret the analytical results to determine whether the site is contaminated at concentrations exceeding Illinois Environmental Protection Agency (IEPA) Soil Remediation Objectives (SROs); and
- Prepare a report to document the site investigation.

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4.0 Field Activities

CCA retained CS Drilling, Inc. of Addison, Illinois to perform the soil borings at the site. The field drilling activities were conducted on March 1, 2001. The site consists of grass-covered vacant land.

CCA supervised the advancement of seventeen (17) soil borings. The locations of the soil borings were chosen to provide samples throughout the site and from suspected impact areas. Each of the soil borings was completed to a depth of fifteen (15) feet below ground surface (bgs) on the property. **Exhibit II** illustrates the locations of the soil borings.

The soil borings were advanced utilizing a truck-mounted Geoprobe® system with a two (2) inch diameter Geoprobe® sampling tube. The tube was lined with a disposable acetate sleeve. Continuous samples were collected from the ground surface to the completed depth of each boring [fifteen (15) feet bgs]. The sampling tubes were decontaminated prior to each use with an Alconox®/water solution, and were then rinsed with distilled water. The disposable sleeves were discarded after a single use.

CCA's field representative supervised the drilling operation, collected the soil samples, inspected soil samples for visible signs of contamination, performed a headspace analysis on soil samples using a photo-ionization detector (PID), and classified each soil sample in terms of texture and color in accordance with the Unified Soil Classification System (ASTM D-2487-85 and D-2488-84).

A minimum of two (2) soil samples were collected from each boring. The first sample was collected from within the top three feet (3), while the second sample was collected from the remaining depth of the boring and was based on the results of field screening and observation. The PID field screening did not measure any elevated readings in any of the soil samples. In addition, the soil samples did not exhibit any staining or odors based on visual and olfactory indications. The PID readings of the soil samples are shown on the soil boring logs presented in **Appendix A.**

4.1 Sample Labeling and Handling Procedures

CCA obtained precleaned, clear glass, sample jars for use in the Phase II ESA. CCA used the following sizes during the investigation:

- 5-gram disposable EnCore™ samplers
- 4-ounce clear borosilicate glass jars with Teflon® lined plastic screw-on lids

Each soil sample was labeled by a unique identification number after it was collected during the drilling activities. The sample identification numbers consisted of the boring number and sample number. Each jar was labeled at the time of sampling with the following information using indelible ink:

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- Project/site name;
- Date of collection;
- Sample number;
- Sample location; and
- Name of sample collector.

Each soil sample was labeled and placed into an insulated portable cooler filled with ice. The samples were transported to STAT Analysis Corporation in Chicago, Illinois. A chain-of-custody form was prepared, signed, and dated by the CCA representative and the laboratory representative who received the samples.

4.2 Soil Condition

The site is covered with vegetation including grasses and trees. Fill material consisting of a medium stiff dark brown organic silty clay with fine sand and gravel were encountered to depths of approximately three (3) to four (4) feet below the existing surface. Native soils, encountered at a depth of approximately four (4) feet below the existing surface consisted of a stiff to hard silty clay. Groundwater was encountered at a depth of approximately six (6) to eight (8) feet below the existing surface.

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5.0 Geology and Hydrogeology

5.1 Regional Geology

The property is located within the Chicago Lake Plain of the Great Lakes Section of the Central Lowland Province. The lake plain was the floor, or bottom, of glacial Lake Chicago, the precursor to present day Lake Michigan. The lake plain is exceptionally flat, about 45 miles long, 15 miles wide, encompassing approximately 450 square miles, most of which is covered by the developed areas of Chicago and its surrounding suburbs. Low, gently sloping ridges located within the lake plain, most less than 10 feet high, existed as spits, bars and beaches in glacial Lake Chicago.

The surficial geology of the area is characterized as unconsolidated glacial deposits consisting of lacustrine sands, silts, and clays overlying clay till of the Wedron Formation. All of these deposits are overlain by various fill materials. The lake plain deposits are relatively flat.

Glacial till directly underlying the lake plain deposit is correlated with the Wadsworth Member of the Wedron Formation. The till was deposited during the Woodfordian Substage of Wisconsin glaciation by the Joliet Sublobe. The Wadsworth is dominantly gray clayey to silty clay till containing a conspicuous amount of black shale pebbles, with lenses and beds of sand, silt, and gravel. A very stiff gray silty clay and a clayey sand and gravel underlie the Wadsworth. These till units which represent earlier stages of glacier advancement and retreat, most likely belong to the earlier members of the Wedron Formation.

The upper bedrock unit, which directly underlies the till, is of the Racine Formation of the Silurian Niagaran Series. This bedrock is typically composed of gray to white, medium grained, pure to slightly argillaceous, fossiliferous dolomite. Depth to bedrock in the area is greater than 50 feet. Typically, the upper portion of the dolomite bedrock is fractured, and has increased porosity and permeability.

According to the Illinois Geological Survey Division, Circular 532, Potential for Contamination of Shallow Aquifers in Illinois, the property is located in an area mapped as "D2" (Berg, Kempton, and Cartwright 1984 - the Berg Circular). The D2 classification indicates a uniform, relatively impermeable silty or clayey till at least 20 feet thick with no sand or gravel lenses. The description correlates with the subsurface materials encountered during the Phase II ESA.

5.2 Site Geology

CCA performed a total of seventeen (17) soil borings at the site. Soil samples obtained during this investigation show that two (2) distinctive soil strata exist. The following is a description of the general soil profile encountered during the site investigation:

- Fill material consisting of organic silty clay, sand, gravel and brick to approximately three (3) to four (4) feet below the existing surface.

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- Below the fill material, a layer of gray silty clay with traces of fine sand was encountered from a depth of approximately four (4) feet below the existing surface to at least fifteen (15) feet, the end of the boring.

Native soil encountered at the site closely matched soil types described in the published geological information (Section 5.1) The soil boring logs for the site are included in **Appendix A.**

5.3 Groundwater Resources

The City of Chicago does not operate municipal water wells. The water supply for the City of Chicago and much of the metropolitan area is obtained from intake cribs located within Lake Michigan. The site and surrounding area are serviced by the city water system.

Groundwater was encountered at approximately six (6) to eight (8) feet below the existing surface during the advancement of the Phase II ESA soil borings [to a maximum explored depth of fifteen (15) feet]. The Class I groundwater ingestion exposure route was used to compare the contaminant concentrations detected in the soil samples with the IEPA remediation objectives. In general, groundwater should not be an environmental concern for the school site since a City of Chicago ordinance prohibits the use and installation of groundwater wells as a source of potable water within city corporate limits.

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6.0 Analytical Results

6.1 Soil Sample Analytical Parameters

Thirty-three (33) soil samples were submitted to American-Athena Analytical Laboratory, Inc. (AEA) of Chicago, Illinois for laboratory analysis. CCA selected one (1) to two (2) soil samples from each soil boring for laboratory analysis. To select an individual soil sample for laboratory analysis, CCA considered the physical description of the soil sample that was prepared at the time the soil sample was collected. Since there were no PID readings, soil samples collected from the fill material were selected for laboratory analysis. Additional analysis of samples was selected based on results from the surface samples.

The following table is a summary of the soil samples selected to be analyzed and the analytical parameters:

Summary of Selected Soil Samples
6612-6714 North Whipple Avenue, Chicago, Illinois

Soil Borings	Sample Depth	Laboratory Analytical Parameters
PBS-B1	1-3'	PNA, RCRA Metals, VOCs
PBS-B2	1-3'	PNA, RCRA Metals
PBS-B2	6-8'	PNA, RCRA Metals
PBS-B3	1-3'	PNA, RCRA Metals
PBS-B3	4-6'	PNA, RCRA Metals
PBS-B4	1-3'	PNA, RCRA Metals, Pest./PCBs, SVOC
PBS-B4	8-10'	RCRA Metals
PBS-B5	1-3'	PNA, RCRA Metals
PBS-B5	6-8'	RCRA Metals
PBS-B6	1-3'	PNA, RCRA Metals
PBS-B6	8-10'	RCRA Metals
PBS-B7	1-3'	PNA, RCRA Metals, VOCs
PBS-B7	6-8'	PNA, RCRA Metals, BTEX
PBS-B8	1-3'	PNA, RCRA Metals
PBS-B8	8-10'	PNA, BTEX

Summary of Selected Soil Samples 6612-6714 North Whipple Avenue, Chicago, Illinois		
Soil Borings	Sample Depth	Laboratory Analytical Parameters
PBS-B9	1-3'	PNA, RCRA Metals
PBS-B9	6-8'	PNA, RCRA Metals, VOCs
PBS-B10	1-3'	PNA, RCRA Metals
PBS-B10	8-10'	PNA, RCRA Metals
PBS-B11	1-3'	PNA, RCRA Metals, SVOCs
PBS-B11	6-8'	RCRA Metals
PBS-B12	1-3'	PNA, RCRA Metals
PBS-B12	8-10'	RCRA Metals
PBS-B13	1-3'	PNA, RCRA Metals, VOCs
PBS-B13	6-8'	PNA
PBS-B14	1-3'	PNA, RCRA Metals
PBS-B14	8-10'	PNA
PBS-B15	1-3'	PNA, RCRA Metals
PBS-B15	6-8'	PNA
PBS-B16	1-3'	PNA, RCRA Metals, VOCs
PBS-B16	8-10'	PNA, RCRA Metals, VOCs, Pest/PCBs
PBS-B17	1-3'	PNA, RCRA Metals
PBS-B17	6-8'	PNA, RCRA Metals, VOCs, Pest/PCBs

PNAs - Polynuclear Aromatic Hydrocarbons according to EPA Method 8310
VOCs - Volatile Organic Compounds according to EPA Method 8260B
SVOCs - Semi-Volatile Organic Compounds according to EPA Method 8270
RCRA Metals - Resource and Recovery Act metals according to EPA Method 7060A, 6010B, 7471
Pesticides/PCBs - Pesticides and Polychlorinated Biphenyls according to EPA Method 8081

Table I, II, & III, Soil Analytical Results, provides a list of all constituents detected and their concentrations in the soil samples. All results are presented in milligrams per kilograms (mg/kg). A copy of the raw analytical data is presented in **Appendix B**.

6.2 General Discussion

CCA evaluated the concentrations of the constituents encountered at the property in relation to the SROs promulgated in Illinois Administrative Code Title 35 Section 742 (35 IAC 742), also known as *Tiered Approach to Corrective Action Objectives* (TACO). TACO presents three risk-based tiers for remediation objectives. The TACO approach can be used to develop cleanup objectives for soil and groundwater for the following programs:

1 - Resource Conservation and Recovery Act (RCRA) Corrective Action
2 - RCRA Closure Plans
3 - Voluntary Site Remediation Program
4 - Response Action Program
5 - Leaking Underground Storage Tanks (LUST) Program
6 - CERCLA Program

If the site meets the remediation objectives developed in accordance with the tiered procedures, then no further remediation is necessary; however, certain restrictions on the site may be needed to reflect the assumption and restraints used in the development of the soil remediation objectives. Actions which could be taken to achieve soil remediation objectives established in accordance with the tiered procedure include:

- No actions, if the soil and groundwater present at the site meet the remediation objectives;
- Reduction of the contaminant concentrations through the conventional methods (e.g., excavation) to meet the objectives.
- Use of management techniques to restrict exposure to the soil and/or the groundwater remaining at the site (e.g., engineered barriers and institutional controls); and
- A combination of the above options.

Tier 1 evaluation, which was used in our investigation, compares the concentration of contaminants detected at a site to baseline contaminant soil remediation objectives developed by the IEPA, Bureau of Land, for all exposure routes of concern. Tier 1 Soil Remediation Objectives (SROs) are based upon prudently conservative assumptions and take into account only limited site specific information such as contaminant concentrations, class of groundwater, receptor classification, and some appropriate soil parameters. Tier 1 allows differentiating between residential, industrial/commercial properties and construction worker scenarios. Residential scenarios (soil inhalation and ingestion exposure routes and groundwater ingestion) are generally the most conservative SROs since they are designed to protect the general public and children from exposure to contaminants.

If the contaminant concentrations at a site exceed the Tier 1 Soil Remediation Objectives, the following options could be pursued:

1. Remediate the site to meet the Tier 1 Soil Remediation Objectives, or

2. Develop Tier 2 or Tier 3 Soil Remediation Objectives for only those contaminants that exceed the Tier 1 values,
3. Install an engineered barrier such as a cap to cover and/or contain the contaminated media.

6.3 Discussion of Investigation Results

Laboratory analytical results indicated the presence of several inorganic heavy metals, PNA and VOC constituents in the surface and subsurface soils. Arsenic was the only metal detected above area Background Concentration Levels. CCA compared the analytical results with the Tier 1 SROs for all residential exposure routes since a school is proposed to be built on the site. No constituents were detected above the inhalation exposure route, and therefore it should not be of concerns. Several PNA constituents were detected in borings PBS17 and PBS-9 above the SROs for the ingestion exposure route. These PNAs included benzo(a)pyrene, benzo(b)fluoranthene, benzo(a)anthracene and dibenzo (a,h) anthracene. The heavy metal arsenic was detected in the surface and subsurface soil samples taken at depths from one (1) to eight (8) feet below existing grade. Arsenic levels detected above the established Background Concentration levels were found in the north and south-central part of the site.

Groundwater was encountered at depths of six (6) to eight (8) feet below the existing surface. The Class I groundwater ingestion exposure route was used to compare the contaminant concentrations detected in the soil samples with the IEPA remediation objectives. The PNA benzo(a)anthracene was detected above the Class I groundwater ingestion exposure route in boring PBS-B9. In general, groundwater should not be an environmental concern for the school site since a City of Chicago ordinance prohibits the use and installation of groundwater wells as a source of potable water withing city corporate limits.

The extent of impacted soil appears to be from the existing surface to ten (10) feet below the existing surface in the northern part of the site and to eight (8) feet below the existing surface in the southern part of the site and is limited to the north and south-central part of the site. **Exhibit III** shows the horizontal extent of impacted soils at the site. The source of the PNAs and arsenic in the surface and subsurface soil could be attributed to the historic uses of the site and adjacent property to the north and northwest for industrial purposes.

An engineered barrier an/or limited soil remediation will be required to control exposure in areas with elevated PNAs and arsenic concentrations above the SROs for residential property. The engineered barrier shall consist of either a paved surface, consisting of either concrete or asphalt, or three (3) feet of clean fill material. The location and volume of soils requiring remediation shall be determined based on the site redevelopment plans.

The residential exposure SROs are typically utilized to determine the appropriate method of soil handling and disposal. If future construction activities require disposal of soil with constituent concentrations above Tier 1 SROs for Residential Properties or above area background concentrations should be disposed of at an approved landfill in accordance with all applicable federal, state and local regulations. The Phase II ESA indicated that several PNA constituents

?

7.0 Conclusions and Recommendations

CCA performed a Phase II ESA for a vacant site located at 6643-6714 Chicago, Illinois. The site is currently owned by Peoples Energy. CCA understands that The Chicago Public School is planning to acquire the site and build a new school. The scope of work for the Phase II ESA activities consisted of advancing seventeen (17) soil borings and collecting soil samples for field screening and laboratory analysis, and reviewing and interpreting the analytical results.

The results of the site investigation indicated that the subsurface soil of the site consists of fill materials extending from the existing surface to depths between three (3) and four (4) feet. A layer of stiff to hard silty clay is present beneath the fill materials. The silty clay extends to a depth of at least fifteen (15) feet below the existing surface. Groundwater was encountered at depths of six (6) to eight (8) feet below the existing surface.

The soil samples were analyzed for total Resource Conservation and Recovery Act metals (RCRA) and Polynuclear Aromatics (PNAs). Selected soil samples were analyzed for Pesticides and Polychlorinated biphenyls (Pesticides/PCBs), Volatile organic compounds (VOCs) and Semi-Volatile organic compounds (SVOCs). Additionally, two (2) samples were analyzed for benzene, toluene, ethyl benzene and xylene (BTEX).

The analytical results indicated the presence of elevated levels of several PNAs above the IEPA TACO Tier 1 SROs for the Ingestion Exposure Route for Residential Properties in the soil sample collected from the south-central and northeast corner of the site. Additionally, the heavy metal Arsenic was detected above the area background concentrations in the north and south-central parts of the site. The extent of impacted soil appears to be from the existing surface to ten (10) feet below the existing surface in the northern part of the site and to eight (8) feet below the existing surface in the southern part of the site and is limited to the north and south-central part of the site.

Limited soil remediation and/or engineered barriers will be required in areas with elevated PNAs and arsenic concentrations above IEPA Tier1 SROs for Residential Properties. The engineered barrier shall consist of either a paved surface, consisting of either concrete or asphalt, or three (3) feet of clean fill. The location and volume of soils requiring remediation shall be determined based on the site redevelopment plans. Additionally, impacted soil with concentrations above the IEPA Tier 1 SROs for Residential Properties shall be disposed of at an approved disposal facility if the soil is removed during the site demolition or future redevelopment activities.

Carnow, Conibear and Associates, Ltd. (CCA) has applied prevailing industry standards and reasonable judgement and effort withing the scope of work outlined in CCA's proposal, while conducting the Phase II Environmental Site Assessment (ESA) investigation at the property located at 6612-6714 North Whipple Avenue, Chicago, Illinois on March 1, 2001. The standards, judgements, and effort used by CCA personnel to investigate, assess and determine the presence of potential environmental hazards and liabilities associated with the site are consistent with industry requirements. CCA makes no warranty,

express or implied, that the findings and interpretations in this report are a complete representation of the environmental hazards and liabilities, associated with the site. CCA's findings are based upon the scope of work requested by the client and should not be interpreted as a complete presentation of the site conditions. There may be unrecorded information or documentation from previous owners or tenants that is unattainable and may be proprietary, legally protected, or unavailable through government regulatory services.

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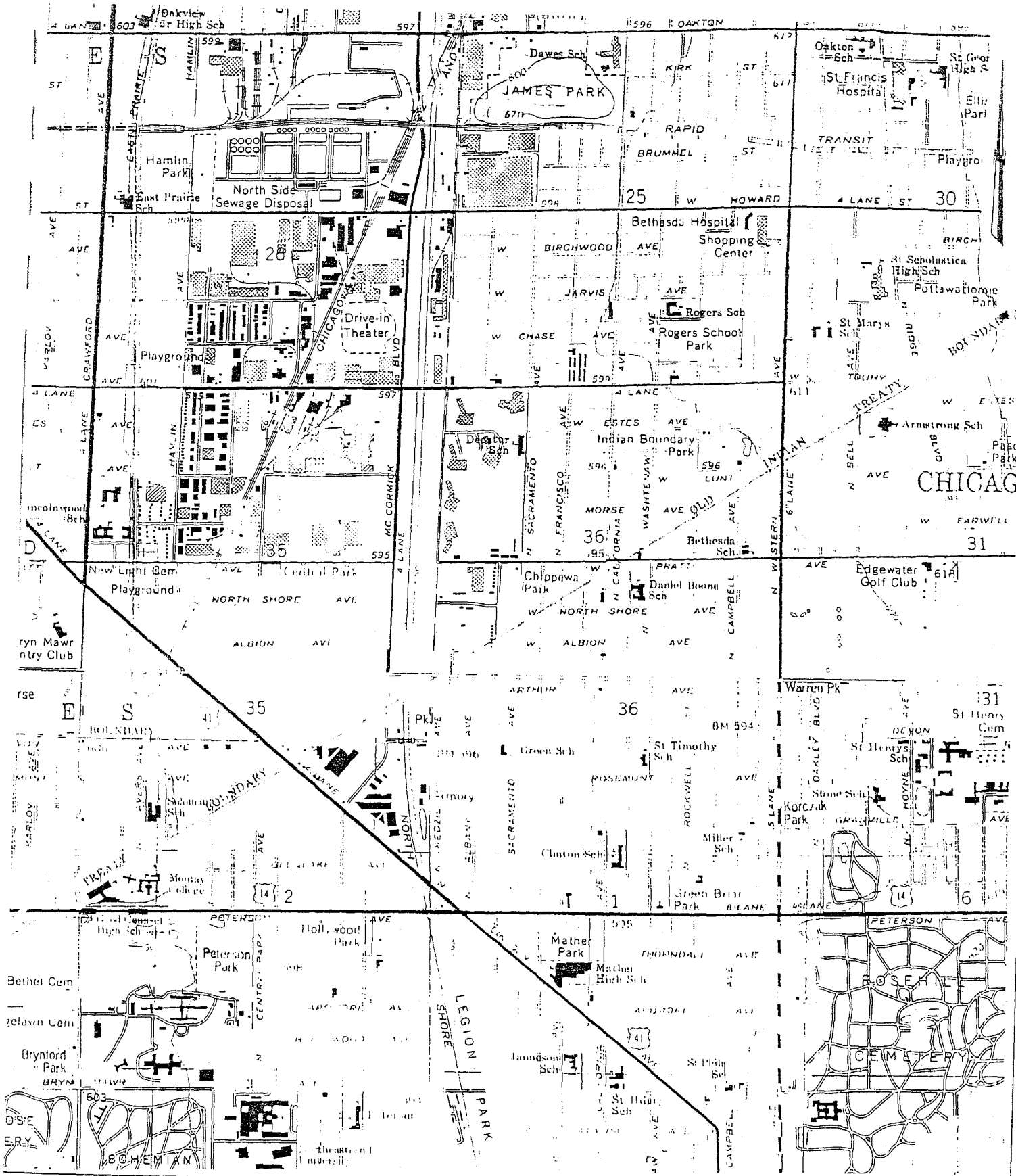
EXHIBITS



CARNOW, CONIBEAR & ASSOC., LTD.

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EXHIBIT I: SITE LOCATION MAP
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE
CHICAGO, ILLINOIS

DRAWN BY: KAM	DATE: 03/01/01
CHECKED BY: AES	SCALE: N.T.S.

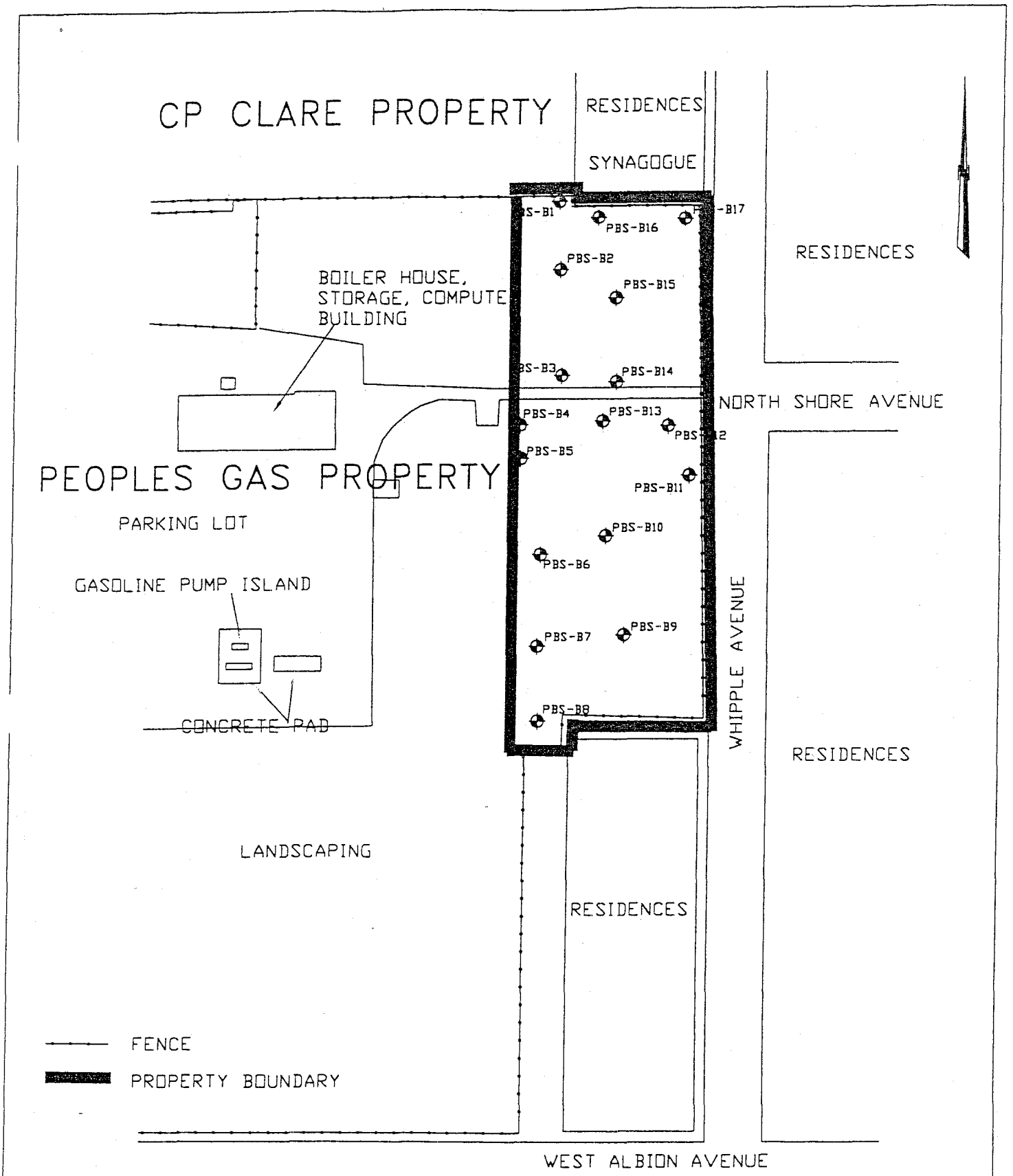

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EXHIBIT II: BORING LOCATION MAP
PROPOSED NEW BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE
CHICAGO, ILLINOIS

DRAWN BY: KAM
CHECKED BY: AES

DATE: 3/01/01
SCALE: 1"= 100'

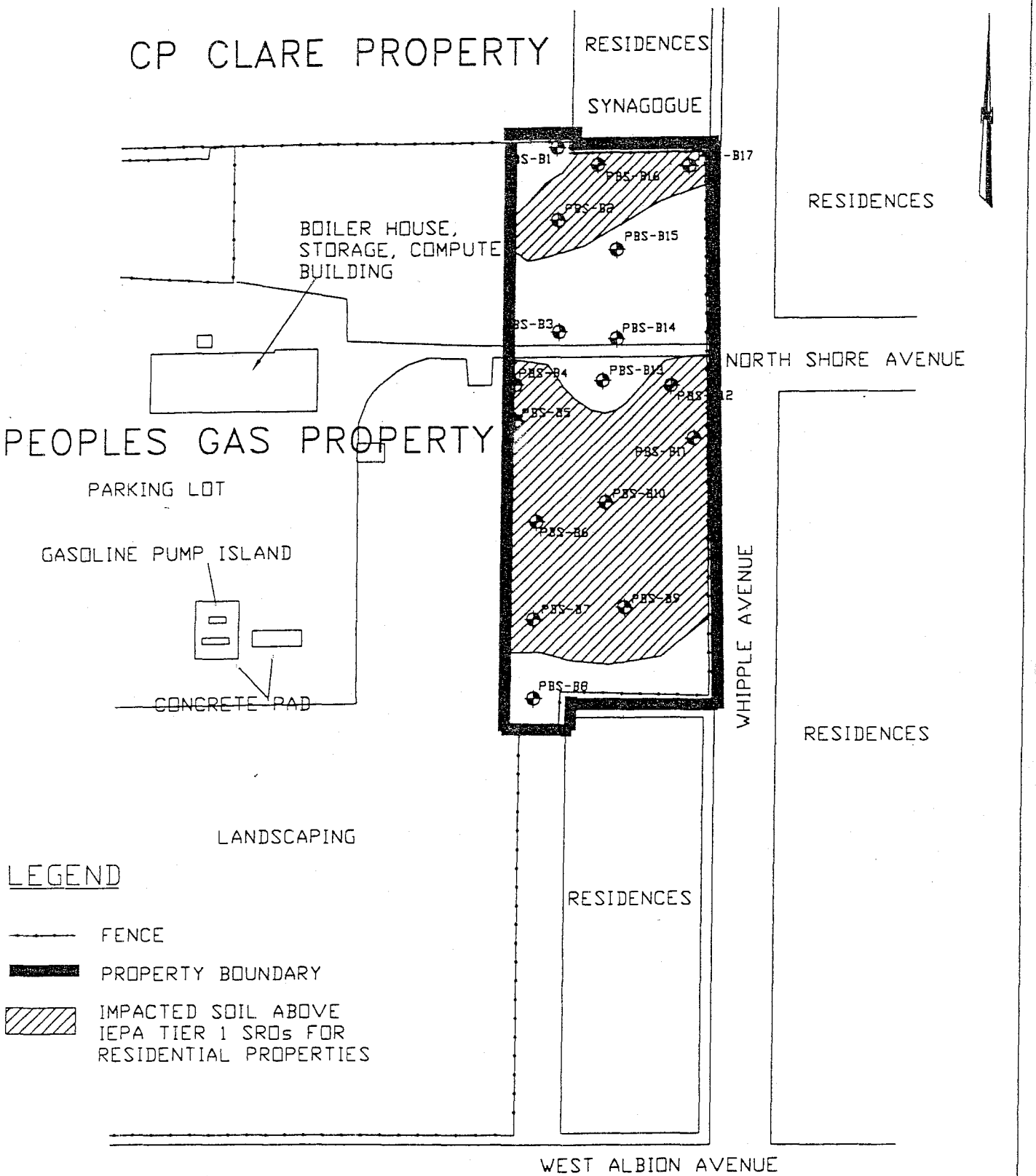

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EXHIBIT III: IMPACTED SOIL PLUME MAP
PROPOSED NEW BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE
CHICAGO, ILLINOIS

DRAWN BY: KAM	DATE: 3/23/01
CHECKED BY: AES	SCALE: 1"= 100'

TABLES

TABLE I
SOIL ANALYTICAL RESULTS: VOLATILE ORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

Analyte	IEPA Tier 1 Soil Remediation Objectives							
	Residential		PBS-B1	PBS-B2	PBS-B2	PBS-B3	PBS-B3	PBS-B4
			1-3'	1-3'	6-8'	1-3'	4-6'	1-3'
	Ingestion	Inhalation	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	7.800	100,000	0.015	NA	NA	NA	NA	NA

Analyte	IEPA Tier 1 Soil Remediation Objectives							
	Residential		PBS-B5	PBS-B6	PBS-B7	PBS-B7	PBS-B8	PBS-B8
			1-3'	1-3'	1-3'	6-8'	1-3'	8-10'
	Ingestion	Inhalation	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	7.800	100,000	NA	NA	0.019	NA	NA	NA

NOTES:
1. mg/kg = Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. VOC = Volatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8260.
6. Bold and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. Soil Comp. GW Ing. = Soil Component of the Groundwater Ingestion Exposure Route.

TABLE I
SOIL ANALYTICAL RESULTS: VOLATILE ORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

Analyte	IEPA Tier I Soil Remediation Objectives							
	Residential		PBS-B9	PBS-B9	PBS-B10	PBS-B10	PBS-B11	PBS-B12
			1-3'	6-8'	1-3'	8-10'	1-3'	1-3'
	Ingestion	Inhalation	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	7,800	100,000	NA	0.037	NA	NA	NA	NA

Analyte	IEPA Tier I Soil Remediation Objectives							
	Residential		PBS-B13	PBS-B13	PBS-B14	PBS-B14	PBS-B15	PBS-B15
			1-3'	6-8'	1-3'	8-10'	1-3'	6-8'
	Ingestion	Inhalation	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	7,800	100,000	0.028	NA	NA	NA	NA	NA

NOTES:
1. mg/kg = Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. VOC = Volatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8260.
6. Bold and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. Soil Comp. GW Ing. = Soil Component of the Groundwater Ingestion Exposure Route.

TABLE 1
SOIL ANALYTICAL RESULTS: VOLATILE ORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

Analyte	IEPA Tier 1 Soil Remediation Objectives						
	Residential		PBS-B16	PBS-B16	PBS-B17	PBS-B17	PBS-B17
			1-3'	8-10'	1-3'	6-8'	12-14'
	Ingestion	Inhalation	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	7.800	100.000	0.032	0.018	NA	0.013	

NOTES:
1. mg/kg = Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. VOC = Volatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8260.
6. **Bold** and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. Soil Comp. GW Ing. = Soil Component of the Groundwater Ingestion Exposure Route.

TABLE II
SOIL ANALYTICAL RESULTS: POLYNUCLEAR AROMATICS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

PNA Name	Identificati	*Remediation Objectives*		PBS-B1	PBS-B2	PBS-B2	PBS-B3	PBS-B3	PBS-B4	PBS-B5	PBS-B6	PBS-B7
	Date	Residential		1-3'	1-3'	6-8'	1-3'	4-6'	1-3'	1-3'	1-3'	1-3'
	(feet)	Ingestion	Inhalation	3/1/01	3/1/01	03/01/01	3/1/01	3/1/01	3/1/01	3/1/01	3/1/01	3/1/01
Acenaphthene	mg/kg	4,700	NC	<0.0326	<0.0336	<0.0324	<0.0333	<0.0287	<0.0329	<0.0325	<0.0349	<0.0341
Acenaphthylene	mg/kg	NE	NE	<0.0208	<0.0215	<0.0208	0.0382	<0.0183	<0.0211	<0.0208	<0.0223	<0.0218
Anthracene	mg/kg	23,000	NC	<0.000844	0.0074	<0.00084	0.0012	<0.000742	0.0013	<0.000842	<0.000903	<0.000884
Benzo(*a*)anthracene	mg/kg	0.9	NC	0.0026	0.0272	0.0020	0.0048	<0.00176	<0.00202	<0.00199	0.0099	<0.00209
Benzo(*b*)fluoranthene	mg/kg	0.9	NC	0.0035	0.0290	0.0037	0.0067	0.0027	0.0038	0.0023	0.0117	0.0024
Benzo(*k*)fluoranthene	mg/kg	9	NC	0.0019	0.0164	0.0019	0.0031	0.0016	0.0018	0.0014	0.0063	0.0007
Benzo(*g,h,i*)perylene	mg/kg	NE	NE	0.0028	0.0212	0.0026	0.0082	0.0023	0.0019	0.0022	0.0093	0.0033
Benzo(*a*)pyrene	mg/kg	0.09	NC	0.0029	0.0296	0.0040	0.0033	0.0023	<0.00185	0.0035	0.0089	0.0022
Chrysene	mg/kg	88	NC	0.0033	0.0364	0.0036	0.0062	0.0026	0.0025	<0.00101	0.0111	0.0019
Dibenzo(*a,h*)anthracene	mg/kg	0.09	NC	<0.00617	0.0127	<0.00614	<0.0063	<0.00542	<0.00623	<0.00616	0.0076	<0.0646
Fluoranthene	mg/kg	3,100	NC	<0.00134	0.0493	0.0034	0.0099	0.0013	0.0026	<0.00133	0.0108	0.0019
Fluorene	mg/kg	3,100	NC	<0.0114	<0.0118	<0.0114	<0.0117	<0.010	<0.0115	<0.0114	<0.0122	<0.012
Indeno(*1,2,3-c,d*)pyrene	mg/kg	0.9	NC	<0.00055	0.0100	<0.000548	<0.000562	<0.000484	<0.000556	<0.000549	0.0049	<0.000577
Naphthalene	mg/kg	3,100	NC	<0.00877	<0.00905	<0.00874	<0.00896	<0.00772	<0.00886	<0.00876	<0.00939	<0.0092
Phenanthrene	mg/kg	NE	NE	<0.00125	0.0247	0.0025	0.0061	<0.0011	0.0087	<0.00125	0.0023	0.0028
Pyrene	mg/kg	2,300	NC	<0.00354	0.0442	<0.00353	0.0094	<0.00312	0.0185	<0.00354	<0.00379	<0.00371

NOTES:

1. All measurements in Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. SVOC = Semivolatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8270.
6. Bold and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. Groundwater Ingestion = Soil Component of the Groundwater Ingestion Exposure Route

TABLE II
SOIL ANALYTICAL RESULTS: POLYNUCLEAR AROMATICS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

PNA Name	Identificati	*Remediation Objectives*		PBS-B7	PBS-B8	PBS-B8	PBS-B9	PBS-B9	PBS-B10	PBS-B10	PBS-B11	PBS-B12
	Date	Residential		6-8'	1-3'	8-10'	1-3'	6-8'	1-3'	8-10'	1-3'	1-3'
	(feet)	Ingestion	Inhalation	3/1/01	3/1/01	3/1/2001	3/1/01	3/1/01	3/1/01	3/1/01	3/1/01	3/1/01
Acenaphthene	mg/kg	4.700	NC	<0.0323	<0.0311	<0.0326	<0.655	<0.0326	<0.0322	<0.0333	<0.0339	<0.0321
Acenaphthylene	mg/kg	NE	NE	<0.0206	<0.0199	<0.0208	<0.419	<0.0208	<0.0206	<0.0213	<0.0217	<0.0205
Anthracene	mg/kg	23.000	NC	<0.000836	<0.000805	<0.000844	1.07	0.0050	0.0012	<0.000862	<0.000877	0.0021
Benzo(*a*)anthracene	mg/kg	0.9	NC	<0.00198	0.0023	<0.002	**2.13**	0.0091	0.0053	<0.00204	0.0036	0.0133
Benzo(*b*)fluoranthene	mg/kg	0.9	NC	<0.000707	0.0031	<0.000714	**1.79**	0.0089	0.0059	0.0012	0.0051	0.0154
Benzo(*k*)fluoranthene	mg/kg	9	NC	<0.000468	0.0017	<0.000473	0.995	0.0050	0.0032	0.0005	0.0028	0.0076
Benzo(*g,h,i*)perylene	mg/kg	NE	NE	<0.00153	0.0021	<0.00155	1.35	0.0067	0.0097	<0.00158	0.0037	0.0104
Benzo(*a*)pyrene	mg/kg	0.09	NC	<0.00182	<0.00175	<0.00183	**1.98**	0.0062	0.0026	<0.00187	<0.00191	0.0128
Chrysene	mg/kg	88	NC	<0.001	0.0025	<0.00101	2.26	0.0093	0.0053	<0.00103	0.0065	0.0172
Dibenzo(*a,h*)anthracene	mg/kg	0.09	NC	<0.00611	<0.00588	<0.00617	**0.511**	<0.00617	<0.0061	<0.0063	<0.00641	0.0068
Fluoranthene	mg/kg	3.100	NC	<0.00132	0.0042	<0.00134	4.53	0.0161	0.0094	<0.00136	0.0069	0.0270
Fluorene	mg/kg	3.100	NC	<0.0113	<0.0109	<0.0114	0.560	<0.0114	<0.0113	<0.0117	<0.0119	<0.0112
Indeno(*1,2,3-c,d*)pyrene	mg/kg	0.9	NC	<0.000545	<0.000525	<0.00055	0.450	0.0029	0.0023	<0.000562	<0.000572	0.0052
Naphthalene	mg/kg	3.100	NC	<0.00869	<0.00837	<0.00877	2.06	<0.00877	<0.00868	<0.00896	<0.00912	0.0106
Phenanthrene	mg/kg	NE	NE	<0.00124	0.0034	<0.00125	5.81	0.0163	0.0078	<0.00127	0.0054	0.0226
Pyrene	mg/kg	2.300	NC	<0.00351	<0.00338	<0.00354	1.98	0.0048	<0.0035	<0.00362	<0.00369	0.0153

NOTES:

1. All measurements in Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. SVOC = Semivolatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8270.
6. **Bold** and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. **Groundwater Ingestion** = Soil Component of the Groundwater Ingestion Exposure Route

TABLE II
SOIL ANALYTICAL RESULTS: POLYNUCLEAR AROMATICS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

PNA Name	Identificati	Remediation Objectives		PBS-B13	PBS-B13	PBS-B14	PBS-B14	PBS-B15	PBS-B15	PBS-B16	PBS-B16	PBS-B17	PBS-B17
	Date	Residential		1-3'	6-8'	1-3'	8-10'	1-3'	6-8'	1-3'	8-10'	1-3'	6-8'
	(feet)	Ingestion	Inhalation	3/1/01	3/1/01	3/1/01	3/1/01	3/1/01	3/1/2001	3/1/01	3/1/01	3/1/01	3/1/01
Acenaphthene	mg/kg	4,700	NC	<0.0317	<0.0332	<0.0347	<0.0333	<0.0304	<0.034	<0.0321	<0.0329	<0.0326	<0.030
Acenaphthylene	mg/kg	NE	NE	<0.0203	<0.0212	<0.0222	<0.0213	<0.0195	<0.0218	<0.0206	<0.0211	<0.0209	<0.019
Anthracene	mg/kg	23,000	NC	<0.00082	<0.00086	0.0014	<0.000862	0.0015	<0.000881	0.0058	<0.000852	0.0115	0.040
Benzo(*a*)anthracene	mg/kg	0.9	NC	<0.00194	<0.00204	0.0055	<0.00204	0.0189	<0.00208	0.0021	<0.00202	0.0327	0.12
Benzo(*b*)fluoranthene	mg/kg	0.9	NC	0.0019	<0.000728	0.0073	<0.000729	0.0221	<0.000745	0.0032	<0.000721	0.0384	0.17
Benzo(*k*)fluoranthene	mg/kg	9	NC	0.0005	<0.000482	0.0038	<0.000483	0.0114	<0.000494	0.0016	<0.000478	0.0203	0.078
Benzo(*g,h,i*)perylene	mg/kg	NE	NE	<0.0015	<0.00158	0.0045	<0.00158	0.0159	<0.00162	0.0030	<0.00156	0.0334	0.17
Benzo(*a*)pyrene	mg/kg	0.09	NC	0.0022	<0.00187	0.0035	<0.00187	0.0213	<0.00192	0.0037	<0.00185	0.0397	**0.13**
Chrysene	mg/kg	88	NC	0.0012	<0.00103	0.0066	<0.00103	0.0238	<0.00106	0.0030	<0.00102	0.0404	0.16
Dibenzo(*a,h*)anthracene	mg/kg	0.09	NC	<0.00599	<0.00628	<0.00657	<0.0063	0.0136	<0.00644	<0.00608	<0.00623	0.0175	0.034
Fluoranthene	mg/kg	3,100	NC	0.018	<0.00136	0.0111	<0.00136	0.0401	<0.00139	0.0041	<0.00135	0.0675	0.21
Fluorene	mg/kg	3,100	NC	<0.0111	<0.0116	<0.0122	<0.0117	<0.0107	<0.0119	<0.0113	<0.0115	<0.0114	<0.010
Indeno(*1,2,3-c,d*)pyrene	mg/kg	0.9	NC	<0.000535	<0.000561	0.0041	<0.000562	0.0076	<0.000575	<0.000543	<0.000556	0.0128	0.069
Naphthalene	mg/kg	3,100	NC	<0.00853	<0.00894	<0.00935	<0.00896	<0.0082	<0.00916	<0.00865	<0.00886	<0.00879	0.027
Phenanthrene	mg/kg	NE	NE	0.0024	<0.00127	0.0080	<0.00127	0.0268	<0.0013	0.0041	<0.00126	0.0425	0.089
Pyrene	mg/kg	2,300	NC	<0.00344	<0.00361	<0.0378	<0.00362	0.0328	<0.0037	<0.0035	<0.00358	0.0650	0.22

NOTES:

1. All measurements in Milligrams per kilogram.
2. NC = No toxicity criteria for this exposure route.
3. NE = No established IEPA Soil Remediation Objective for this analyte.
4. SVOC = Semivolatile organic compound.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Method 8270.
6. Bold and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. Groundwater Ingestion = Soil Component of the Groundwater Ingestion Exposure Route

TABLE III
SOIL ANALYTICAL RESULTS: INORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

		Identification	*IEPA Soil Remediation Objectives*		*Background*	PBS-B1	PBS-B2	PBS-B2	PBS-B3	PBS-B3	PBS-B4	PBS-B4
		Date	Residential		*Concentration*	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01
			Ingestion	Inhalation	*Level*	1-3'	1-3'	6-8'	1-3'	4-6'	1-3'	8-10'
TOTAL METALS	Arsenic	mg/kg	0.4	750	13	**9.48**	**15.60**	**17.80**	7.76	**8.39**	**19.20**	0.4
	Barium	mg/kg	5.500	690.000	110	33.40	46.50	26.00	41.20	21.80	53.60	9.
	Cadmium	mg/kg	78	1.800	0.6	<0.00624	<0.00644	<0.00622	<0.00638	<0.00549	<0.00631	2.
	Chromium	mg/kg	390	270	16.2	15.70	18.30	15.50	16.40	8.03	18.40	8.
	Lead	mg/kg	400	NC	36.0	15.70	29.20	16.30	25.80	<0.0220	24.60	3.
	Mercury	mg/kg	23	10	0.06	<0.0499	0.250	<0.0498	<0.510	<0.0439	<0.0504	0.07
	Selenium	mg/kg	390	NC	0.48	<0.497	<0.512	<0.495	<0.398	<0.437	<0.502	<0.4
	Silver	mg/kg	390	NC	0.55	<0.350	<0.360	<0.348	<0.357	<0.308	<0.353	<0.2

		Identification	*IEPA Soil Remediation Objectives*		*Background*	PBS-B5	PBS-B5	PBS-B6	PBS-B6	PBS-B7	PBS-B7	PBS-B8
		Date	Residential		*Concentration*	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01
		(feet)	Ingestion	Inhalation	*Level*	1-3'	6-8'	1-3'	8-10'	1-3'	6-8'	1-3'
TOTAL METALS	Arsenic	mg/kg	0.4	750	13	**19.80**	**0.54**	**15.90**	**0.584**	**23.30**	**0.991**	**10**
	Barium	mg/kg	5.500	690,000	110	35.00	0.56	40.00	59.4	45.70	4.38	38
	Cadmium	mg/kg	78	1,800	0.6	<0.00623	2.99	<0.00668	2.6	<0.00654	3.56	<0.00
	Chromium	mg/kg	390	270	16.2	14.60	10.40	16.40	11.0	18.80	15.9	12
	Lead	mg/kg	400	NC	36.0	23.70	4.04	20.00	6.19	21.10	6.65	14
	Mercury	mg/kg	23	10	0.06	<0.0499	0.188	<0.0535	0.171	<0.0524	<0.0494	<0.0
	Selenium	mg/kg	390	NC	0.48	<0.496	<0.484	<0.532	<0.463	<0.521	<0.492	<0.
	Silver	mg/kg	390	NC	0.55	<0.349	<0.341	<0.374	<0.326	<0.366	<0.346	<0.

NOTES:

1. Total Metals measured in Milligrams per kilogram; TCLP Metals measured in Milligrams per liter.
2. NE = No established Soil Remediation Objective for this analyte along this exposure route.
3. * = No established IEPA background concentration.
4. TCLP = Toxicity Characteristic Leaching Procedure.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Methods 6010B, 7470 (total metals) and 1311/6010B, 1311/7470 (TCLP metals).
6. **Bold** and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. *Background Concentration Level* = IEPA-Established Background Concentration Within Metropolitan Statistical Areas
8. **Groundwater Ingestion** = Soil Component of the Groundwater Ingestion Exposure Route

TABLE III
SOIL ANALYTICAL RESULTS: INORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

		Identification	*IEPA Soil Remediation Objectives*		*Background*	PBS-B8	PBS-B9	PBS-B9	PBS-B10	PBS-B10	PBS-B11
		Date	Residential		*Concentration*	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01
			Ingestion	Inhalation	*Level*	8-10'	1-3'	6-8'	1-3'	8-10'	1-3'
TOTAL METALS	Arsenic	mg/kg	0.4	750	13	NA	**20.40**	**13.70**	**15.10**	**0.736**	**14.40**
	Barium	mg/kg	5,500	690,000	110	NA	78.70	62.40	39.00	15.4	46.20
	Cadmium	mg/kg	78	1,800	0.6	NA	<0.00627	<0.00624	<0.00617	3.4	<0.00649
	Chromium	mg/kg	390	270	16.2	NA	16.20	16.70	14.30	15.4	19.00
	Lead	mg/kg	400	NC	36.0	NA	55.60	17.80	29.90	6.1	21.30
	Mercury	mg/kg	23	10	0.06	NA	<0.0502	<0.0499	<0.0494	<0.0510	<0.0519
	Selenium	mg/kg	390	NC	0.48	NA	<0.499	<0.497	<0.491	<0.508	<0.517
	Silver	mg/kg	390	NC	0.55	NA	<0.351	16.20	<0.346	<0.357	<0.364

		Identification	*IEPA Soil Remediation Objectives*		*Background*	PBS-B11	PBS-B12	PBS-B12	PBS-B13	PBS-B13	PBS-B14
		Date	Residential		*Concentration*	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01
		(feet)	Ingestion	Inhalation	*Level*	6-8'	1-3'	8-10'	1-3'	6-8'	1-3'
TOTAL METALS	Arsenic	mg/kg	0.4	750	13	**0.497**	**18.60**	**0.41**	**10.75243**	NA	**9.99**
	Barium	mg/kg	5,500	690,000	110	13.2	57.10	57.10	35.00	NA	39.60
	Cadmium	mg/kg	78	1,800	0.6	3.18	<0.00614	<0.00614	<0.00607	NA	<0.00669
	Chromium	mg/kg	390	270	16.2	13.2	15.00	15.00	14.40	NA	15.40
	Lead	mg/kg	400	NC	36.0	6.70	29.20	29.20	16.10	NA	40.70
	Mercury	mg/kg	23	10	0.06	<0.0499	<0.0491	<0.0491	<0.0485	NA	<0.0535
	Selenium	mg/kg	390	NC	0.48	<0.497	<0.398	<0.398	<0.483	NA	<0.533
	Silver	mg/kg	390	NC	0.55	<0.350	<0.344	<0.344	<0.340	NA	<0.375

NOTES:

1. Total Metals measured in Milligrams per kilogram; TCLP Metals measured in Milligrams per liter.
2. NE = No established Soil Remediation Objective for this analyte along this exposure route.
3. * = No established IEPA background concentration.
4. TCLP = Toxicity Characteristic Leaching Procedure.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Methods 6010B, 7470 (total metals) and 1311/6010B, 1311/7470 (TCLP metals).
6. **Bold** and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. *Background Concentration Level* = IEPA-Established Background Concentration Within Metropolitan Statistical Areas
8. **Groundwater Ingestion** = Soil Component of the Groundwater Ingestion Exposure Route

TABLE III
SOIL ANALYTICAL RESULTS: INORGANIC CONSTITUENTS
PROPOSED BOONE SCHOOL
6612 - 6714 NORTH WHIPPLE AVENUE

13061 E8017

		Identification Date	*IEPA Soil Remediation Objectives* Residential		*Background Concentration Level*	PBS-B14	PBS-B15	PBS-B15	PBS-B16	PBS-B16	PBS-B17	PBS-B17
						03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	03/01/01	3/1/2001
			Ingestion	Inhalation		8-10'	1-3'	6-8'	1-3'	8-10'	1-3'	6-8'
TOTAL METALS	**Arsenic**	**mg/kg**	0.4	750	13	NA	4.34	NA	**20.00**	**15.20**	**12.75**	1
	Barium	**mg/kg**	5,500	690,000	110	NA	16.40	NA	43.80	21.60	45.00	2
	Cadmium	**mg/kg**	78	1.800	0.6	NA	<0.00583	NA	<0.00616	<0.00631	2.11	<0.00
	Chromium	**mg/kg**	390	270	16.2	NA	7.25	NA	16.90	16.40	16.20	
	Lead	**mg/kg**	400	NC	36.0	NA	25.60	NA	26.40	16.50	46.40	1
	Mercury	**mg/kg**	23	10	0.06	NA	<0.0467	NA	0.506	<0.0504	<0.0500	0.
	Selenium	**mg/kg**	390	NC	0.48	NA	<0.476	NA	<0.490	<0.502	<0.498	<0.
	Silver	**mg/kg**	390	NC	0.55	NA	<0.327	NA	<0.345	<0.353	<0.350	<0.

NOTES:

1. Total Metals measured in Milligrams per kilogram; TCLP Metals measured in Milligrams per liter.
2. NE = No established Soil Remediation Objective for this analyte along this exposure route.
3. * = No established IEPA background concentration.
4. TCLP = Toxicity Characteristic Leaching Procedure.
5. Samples were analyzed utilizing U.S. Environmental Protection Agency (EPA) Methods 6010B, 7470 (total metals) and 1311/6010B, 1311/7470 (TCLP metals)
6. **Bold** and shaded values indicate concentration exceeds IEPA Soil Remediation Objective.
7. *Background Concentration Level* = IEPA-Established Background Concentration Within Metropolitan Statistical Areas
8. **Groundwater Ingestion** = Soil Component of the Groundwater Ingestion Exposure Route

APPENDICES

Appendix A
Boring Logs

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.	CCA Job Number: 13061-E8017 Boring Number: PBS-B1	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN SILTY CLAY WITH ORGANICS AND TRACE FINE SAND.	—	0.5	0.0	SAMPLED
			2					
2	GP		3		—	1.5	0.0	
			4	STIFF TO HARD BROWN AND GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND. (CL)				
3	GP		5		—	>4.5	0.0	
			6	HARD GRAY SILTY CLAY, TRACE FINE SAND AND MEDIUM COARSE GRAVEL. (CL)				
4	GP		7		—	>4.5	0.0	SAMPLED
			8					
5	GP		9		—	>4.5	0.0	
			10					
	GP		11		—	>4.5	0.0	
			12					
7	GP		13		—	1.75	0.0	
			14					
8	GP		15		—	3.75	0.0	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▾ Depth While Drilling 6'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

CCA CARNOW, CONIBEAR & ASSOC., LTD.
ENGINEERING SERVICES DEPT.
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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL	CCA Job Number: 13061-E8017 Boring Number: PBS-B2	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS AND TRACE FINE SAND	—	0.5	0.0	SAMPLED
			2					
2	GP		3		—	0.75	0.0	
			4	MEDIUM STIFF TAN AND GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND, MEDIUM COARSE GRAVEL (CL)				
3	GP		5		—	0.75	0.0	
			6					
4	GP		7		—	2.0	0.0	SAMPLED
			8	NO RECOVERY				
5	GP		9		—	—	—	
			10					
6	GP		11		—	—	—	
			12					
7	GP		13		—	—	—	
			14					
8	GP		15		—	—	—	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 6'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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Chicago, IL 60606
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FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.	CCA Job Number: 13061-E8017 Boring Number: PBS-B3	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS AND TRACE FINE SAND.	—	0.5	0.0	SAMPLED
			2					
2	GP		3	STIFF TAN AND GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND. (CL)	—	0.75	0.0	
			4					
3	GP		5	STIFF BROWNISH ORANGE SILTY CLAY, LITTLE FINE SAND, SMALL POCKETS OF DARK GREENISH BLACK MEDIUM COARSE SAND. (CL)	—	0.75	0.0	SAMPLED
			6					
4	GP		7	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND. (CL)	—	2.0	0.0	
			8					
5	GP		9		—	2.5	0.0	SAMPLED
			10					
	GP		11		—	3.0	0.0	
			12	NO RECOVERY				
7	GP		13		—	—	—	
			14					
8	GP		15		—	—	—	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

- Depth While Drilling 6'
- ▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.	CCA Job Number: 13061-E8017 Boring Number: PBS-B4	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS, TRACE FINE SAND AND MEDIUM COARSE GRAVEL (CL)	—	0.5	0.0	
			2					SAMPLED
2	GP		3		—	0.75	0.0	
			4					
3	GP		5	VERY STIFF BROWNISH ORANGE AND GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	3.5	0.0	
			6					
4	GP		7	STIFF BROWNISH ORANGE SILTY CLAY, LITTLE FINE SAND, SMALL POCKETS OF DARK GREENISH BLACK MEDIUM COARSE SAND (CL)	—	1.75	0.0	
			8					
5	GP		9		—	0.25	0.0	SAMPLED
			10					
6	GP		11		—	2.25	0.0	
			12	VERY STIFF GRAY AND BROWNISH ORANGE SILTY CLAY, TRACE FINE SAND. (CL)				
7	GP		13	STIFF BROWNISH ORANGE SILTY CLAY, TRACE FINE SAND (CL)	—	1.5	0.0	
			14					
8	GP		15	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	2.25	0.0	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 6'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.

CCA Job Number: 13061-E8017
Boring Number: PBS-B5

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	SOFT TO MEDIUM STIFF DARK BROWN SILTY CLAY WITH LITTLE ORGANICS, TRACE FINE SAND (CL)	—	0.25	0.0	SAMPLED
			2					
2	GP		3		—	0.5	0.0	
			4	VERY STIFF TO STIFF TAN AND GRAY SILTY CLAY, TRACE FINE SAND AND MEDIUM COARSE GRAVEL (CL)				
3	GP		5		—	2.25	0.0	
			6					
4	GP		7		—	1.0	0.0	
			8	NO RECOVERY				
5	GP		9		—	—	—	SAMPLED
			10					
	GP		11		—	—	—	
			12	VERY SOFT GRAY SILTY CLAY, MOIST, TRACE FINE SAND (CL)				
7	GP		13		—	<0.25	0.0	
			14					
8	GP		15		—	—	—	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data
Depth While Drilling 6'
▽ Depth After Drilling –

Geologist:
Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL.

CCA Job Number: 13061-E8017
Boring Number: PBS-B6

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS AND FINE SAND (CL)	—	0.75	0.0	SAMPLED
			2					
2	GP		3		—	1.25	0.0	
			4	STIFF GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND (CL)				
3	GP		5	VERY STIFF GRAY AND BROWN SILTY CLAY, TRACE FINE TO COARSE SAND (CL)	—	4.0	0.0	
			6					
4	GP		7		—	3.75	0.0	
			8					
5	GP		9	STIFF GRAY SILTY CLAY, TRACE FINE TO MEDIUM COARSE SAND (CL)	—	0.25	0.0	SAMPLED
			10					
6	GP		11		—	—	—	
			12					
7	GP		13		—	2.0	0.0	
			14					
8	GP		15		—	1.75	0.0	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data
▼ Depth While Drilling 6'
▽ Depth After Drilling –

Geologist:
Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL	CCA Job Number: 13061-E8017 Boring Number: PBS-B7	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS AND FINE SAND (CL)	—	1.25	0.0	SAMPLED
			2					
2	GP		3	VERY STIFF GRAY AND BROWN SILTY CLAY, TRACE FINE SAND AND MEDIUM COARSE GRAVEL (CL)	—	3.0	0.0	
			4					
3	GP		5		—	4.25	0.0	
			6					
4	GP		7	VERY STIFF GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND MEDIUM COARSE GRAVEL (CL)	—	2.75	0.0	SAMPLED
			8					
5	GP		9		—	2.0	0.0	
			10					
	GP		11		—	1.0	0.0	
			12					
7	GP		13	MEDIUM COARSE SAND WITH SOME BROWN SILTY CLAY	—	—	0.0	SAMPLED
			14					
8	GP		15	MEDIUM STIFF GRAY SILTY CLAY, LITTLE FINE TO MEDIUM COARSE SAND AND TRACE FINE GRAVEL.	—	0.75	0.0	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

Depth While Drilling 8'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL	CCA Job Number: 13061-E8017 Boring Number: PBS-B8	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	STIFF DARK BROWN SILTY CLAY WITH TRACE ORGANICS AND FINE SAND (CL)	—	1.25	0.0	SAMPLED
			2					
2	GP		3		—	1.5	0.0	
			4	VERY STIFF GRAY AND BROWNISH ORANGE SILTY CLAY, LITTLE FINE SAND AND GRAVEL (CL)				
3	GP		5		—	3.25	0.0	
			6					
4	GP		7		—	3.0	0.0	
			8	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)				
5	GP		9		—	3.25	0.0	SAMPLED
			10					
6	GP		11		—	3.75	0.0	
			12					
7	GP		13		—	4.0	0.0	
			14					
8	GP		15		—	4.0	0.0	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 7'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.	CCA Job Number: 13061-E8017 Boring Number: PBS-B9	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	FILL MATERIAL: DARK BROWN SILTY CLAY WITH COARSE SAND, MEDIUM COARSE GRAVEL AND CRUSHED BRICK. (CL)	—	—	0.0	SAMPLED
			2					
2	GP		3		—	—	0.0	
			4	HARD GRAY SILTY CLAY, TRACE FINE TO MEDIUM COARSE SAND. (CL)				
3	GP		5		—	4.0	0.0	
			6					
4	GP		7		—	>4.5	0.0	SAMPLED
			8					
5	GP		9		—	2.75	0.0	
			10					
	GP		11		—	2.0	0.0	
			12					
7	GP		13		—	1.5	0.0	SAMPLED
			14					
8	GP		15		—	1.5	0.0	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

Depth While Drilling 8'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.

CCA Job Number: 13061-E8017
Boring Number: PBS-B10

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
1	GP		1, 2	VEGETATION FILL MATERIAL: DARK BROWN SILTY CLAY, CINDERS, MEDIUM COARSE SAND, MEDIUM COARSE GRAVEL AND CRUSHED BRICK. (CL)	—	—	0.0	SAMPLED
2	GP		3, 4	VERY STIFF BROWN AND GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND (CL)	—	3.25	0.0	
3	GP		5, 6	VERY STIFF BROWNISH GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	4.0	0.0	
4	GP		7, 8		—	3.75	0.0	
5	GP		9, 10		—	1.75	0.0	SAMPLED
6	GP		11, 12	MEDIUM STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	1.0	0.0	
7	GP		13, 14		—	<0.25	0.0	
8	GP		15, 16		—	<0.25	0.0	SAMPLED
			17, 18, 19, 20, 21, 22, 23, 24, 25	END OF BORING @ 16' BGS				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data
▼ Depth While Drilling 8'
▽ Depth After Drilling –

Geologist:
Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL	CCA Job Number: 13061-E8017 Boring Number: PBS-B11	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	STIFF BLACK SILTY CLAY WITH LITTLE ORGANICS AND TRACE FINE SAND (CL)	—	1.0	0.0	SAMPLED
			2					
2	GP		3	STIFF DARK GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND (CL)	—	2.0	0.0	
			4					
3	GP		5	HARD GRAY AND TAN SILTY CLAY, TRACE FINE SAND (CL)	—	4.25	0.0	
			6					
4	GP		7		—	4.0	0.0	SAMPLED
			8					
5	GP		9	STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	2.0	0.0	
			10					
	GP		11		—	1.75	0.0	
			12					
7	GP		13		—	0.5	0.0	SAMPLED
			14					
8	GP		15		—	1.75	0.0	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data Depth While Drilling 8' ▽ Depth After Drilling –	Geologist: Driller: C.S. DRILLING Legend: SS: Split Spoon HS: Hollow Stem Auger	CCA CARNOW, CONIBEAR & ASSOC., LTD. ENGINEERING SERVICES DEPT. 333 West Wacker Dr. Suite 1400 Chicago, IL 60606 PHONE (312)782-4486 FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL Address: 6612-6714 NORTH WHIPPLE AVE. CHICAGO, IL.	CCA Job Number: 13061-E8017 Boring Number: PBS-B12	Page 01 of 01 Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
1	GP		1, 2	VEGETATION FILL MATERIAL: BROWN AND BLACK SILTY CLAY, ORGANICS, CRUSHED GRAVEL, MEDIUM COARSE SAND.	—	1.0	0.0	SAMPLED
2	GP		3, 4		—	2.0	0.0	
3	GP		5, 6	VERY STIFF DARK GRAY SILTY CLAY, TRACE ORGANICS AND FINE SAND. (CL) VERY STIFF GRAY AND TAN SILTY CLAY, TRACE FINE SAND AND GRAVEL. (CL)	—	4.25	0.0	
4	GP		7, 8		—	4.0	0.0	
5	GP		9, 10	STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	2.0	0.0.	SAMPLED
6	GP		11, 12		—	1.75	0.0	
7	GP		13, 14		—	0.5	0.0	
8	GP		15, 16		—	1.75	0.0	SAMPLED
			17, 18, 19, 20, 21, 22, 23, 24, 25	END OF BORING @ 16' BGS				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 8'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL.

CCA Job Number: 13061-E8017
Boring Number: PBS-B13

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	FILL MATERIAL: MEDIUM STIFF DARK BROWN TO BLACK SILTY CLAY, LITTLE ORGANICS, TRACE SAND, CRUSHED BRICK.	—	1.0	0.0	SAMPLED
			2					
2	GP		3		—	2.5	0.0	
			4	VERY STIFF TAN AND GRAY SILTY CLAY, TRACE FINE SAND AND GRAVEL (CL)				
3	GP		5		—	3.0	0.0	
			6					
4	GP		7	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)	—	2.75	0.0	SAMPLED
			8					
5	GP		9		—	1.25	0.0	
			10					
6	GP		11		—	1.5	0.0	
			12					
7	GP		13		—	2.0	0.0	SAMPLED
			14					
8	GP		15		—	3.0	0.0	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

Depth While Drilling 8'

Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

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SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL.

CCA Job Number: 13061-E8017

Boring Number: PBS-B14

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	FILL MATERIAL: MEDIUM STIFF BLACK SILTY CLAY, LITTLE ORGANICS AND MEDIUM COARSE GRAVEL, CINDERS	—	0.75	0.0	
			2					SAMPLED
2	GP		3		—	2.0	0.0	
			4	VERY STIFF TAN AND GRAY SILTY CLAY, TRACE FINE SAND (CL)				
3	GP		5		—	3.75	0.0	
			6					
4	GP		7		—	3.25	0.0	
			8					
5	GP		9		—	3.0	0.0	SAMPLED
			10	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)				
6	GP		11		—	3.25	0.0	
			12					
7	GP		13		—	2.0	0.0	
			14					
8	GP		15		—	2.5	0.0	SAMPLED
			16					
			17	END OF BORING @ 16' BGS				
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 8'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

CCA CARNOW, CONIBEAR & ASSOC., LTD.
ENGINEERING SERVICES DEPT.
333 West Wacker Dr. Suite 1400
Chicago, IL 60606
PHONE (312)782-4486
FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL.

CCA Job Number: 13061-E8017
Boring Number: PBS-B15

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	FILL MATERIAL: MEDIUM STIFF DARK BROWN TO BLACK SILTY CLAY, LITTLE ORGANICS AND SOME MEDIUM COARSE GRAVEL.	—	0.75	0.0	SAMPLED
			2					
2	GP		3		—	3.75	0.0	
			4	VERY STIFF TAN AND GRAY SILTY CLAY, SOME MEDIUM COARSE SAND. (CL)				
3	GP		5		—	3.0	0.0	
			6	VERY STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)				
4	GP		7		—	1.5	0.0	
			8					
5	GP		9		—	2.25	0.0	SAMPLED
			10					
6	GP		11		—	1.5	0.0	
			12					
7	GP		13		—	<0.25	0.0	
			14					
8	GP		15		—	—	—	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

Depth While Drilling 8'

Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

CARNOW, CONIBEAR & ASSOC., LTD.
ENGINEERING SERVICES DEPT.
333 West Wacker Dr. Suite 1400
Chicago, IL 60606
PHONE (312)782-4486
FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL.

CCA Job Number: 13061-E8017

Boring Number: PBS-B16

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	MEDIUM STIFF DARK BROWN TO BLACK SILTY CLAY, LITTLE ORGANICS, TRACE FINE SAND	—	1.0	0.0	
			2					SAMPLED
2	GP		3		—	2.0	0.0	
			4	STIFF TAN AND GRAY SILTY CLAY, TRACE FINE SAND (CL)				
3	GP		5		—	>4.5	0.0	
			6	STIFF GRAY SILTY CLAY, TRACE FINE TO MEDIUM COARSE SAND (CL)				
4	GP		7		—	>4.5	0.0	
			8					
5	GP		9		—	2.25	0.0	SAMPLED
			10					
6	GP		11		—	2.0	0.0	
			12					
7	GP		13		—	0.5	0.0	
			14					
8	GP		15		—	0.5	—	SAMPLED
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data

▼ Depth While Drilling 8'

▽ Depth After Drilling –

Geologist:

Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

CARNOW, CONIBEAR & ASSOC., LTD.
ENGINEERING SERVICES DEPT.
333 West Wacker Dr. Suite 1400
Chicago, IL 60606
PHONE (312)782-4486
FAX # (312)782-5145

SOIL BORING LOG

Site Name: PROPOSED BOONE SCHOOL
Address: 6612-6714 NORTH WHIPPLE AVE.
CHICAGO, IL

CCA Job Number: 13061-E8017
Boring Number: PBS-B17

Date: 03/01/01

Sample Number	Sample Type	Sample Recovery	Depth (feet)	Soil and Rock Description	Blow/Counts	Penetrometers (TSF)	PID/FID	REMARKS
				VEGETATION				
1	GP		1	FILL MATERIAL: STIFF BLACK SILTY CLAY, LITTLE FINE TO COARSE SAND, TRACE FINE GRAVEL AND CRUSHED BRICK.	—	1.75	0.0	SAMPLED
			2					
2	GP		3		—	2.5	0.0	
			4	HARD TAN AND GRAY SILTY CLAY, TRACE FINE SAND AND GRAVEL. (CL)				
3	GP		5		—	4.0	0.0	
			6					
4	GP		7		—	>4.5	0.0	SAMPLED
			8	STIFF GRAY SILTY CLAY, TRACE FINE SAND (CL)				
5	GP		9		—	1.5	0.0	
			10					
6	GP		11		—	1.0	0.0	
			12					
7	GP		13		—	0.5	0.0	SAMPLED
			14					
8	GP		15		—	0.25	—	
			16	END OF BORING @ 16' BGS				
			17					
			18					
			19					
			20					
			21					
			22					
			23					
			24					
			25					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

Groundwater Data
Depth While Drilling 8'
▽ Depth After Drilling –

Geologist:
Driller: C.S. DRILLING

Legend:
SS: Split Spoon
HS: Hollow Stem Auger

CARNOW, CONIBEAR & ASSOC., LTD.
ENGINEERING SERVICES DEPT.
333 West Wacker Dr. Suite 1400
Chicago, IL 60606
PHONE (312)782-4486
FAX # (312)782-5145

Appendix B
Laboratory Analytical Report

From: "Kelli McDonald" <kkubic@ccaltd.com>
To: arminta@aealabs.com
Date sent: Tue, 13 Mar 2001 09:40:54 -0600
Subject: Additional analysis for Boone School
Copies to: kkubic@ccaltd.com
Priority: normal

March 13, 2001

AEA Laboratories, Inc.
8609 W. Bryn Mawr, Suite 201
Chicago, Illinois 60631

RE: Additional sample analysis for Proposed Boone School

Dear Arminta,

We would like the following additional samples analyzed for the Proposed Boone School project:

* PBS-B2 @ 6-8'	PNAs, TOTAL RCRA METALS
* PBS-B3 @ 4-6'	PNAs, TOTAL RCRA METALS
* PBS-B7 @ 6-8'	PNAs, BTEX
* PBS-B8 @ 8-10'	PNAs, BTEX
* PBS-B9 @ 6-8'	PNAs, VOCs, TOTAL RCRA METALS
* PBS-B10 @ 8-10'	PNAs
* PBS-B13 @ 6-8'	PNAs
* PBS-B14 @ 8-10'	PNAs
* PBS-B15 @ 6-8'	PNAs
* PBS-B16 @ 8-10'	PNAs, VOCs, PEST./PCBs, TOTAL RCRA METALS
* PBS-B17 @ 6-8'	PNAs, VOCs, PEST./PCBs, TOTAL RCRA METALS

We would like a 5 day turn-around time (03/19/01). If you have any questions, please call me at 312/762-2910

Thank you,

Kelli McDonald
Environmental Specialist
Carnow, Conibear & Assoc., Ltd.

Arminta,

Could you please run the following samples for Total RCRA Metals (I'm pretty sure they are within hold time):

PBS-B4 @ 8-10'
PBS-B5 @ 6-8'
PBS-B6 @ 8-10'
PBS-B7 @ 6-8'
PBS-B10 @ 8-10'
PBS-B11 @ 6-8'
PBS-B12 @ 8-10'

If you have any further questions you can e-mail me or give me a buzz.

Thank you,
Kelli McDonald
CCA

AEA LABORATORIES, INC.

LABORATORY TESTING OF SOIL
WATER AND HAZARDOUS WASTE

8609 W. Bryn Mawr, Suite 201, Chicago, IL 60631-352-
Tel.: 773-693-8030 Fax: 773-693-8783 888-AEA-TES
Web: http://www.aeatest.com

CHAIN OF CUSTODY

Client: [illegible]	Project Name: [illegible]
Address: 333 W. Wacker Dr. [illegible]	Sampler Name: [illegible]
	Project #: [illegible]
Report to: [illegible]	Time Period: (5 Day) 4 Day 3 Day 2 Day 1 Day <24Hr.
Phone #: [illegible] Fax #: [illegible]	Date Needed: 3-12-01 AM

Field ID; Location	Matrix	Date / Time	Type Cont.	# Cont.	Parameters Requested	AEA ID #
1 [illegible]	[illegible]	[illegible]	[illegible]	2	PNA, Total RCRA Metals, VOCs	
2 [illegible]					PNA, Total RCRA Metals	
3 [illegible]					PNA, Total RCRA Metals	
4 [illegible]					PCB / PCBs, SVOCs, PNA, Total RCRA Metals	
[illegible]					PCB / PCBs, SVOCs, PNA, Total RCRA Metals	
6 [illegible]					PNA, Total RCRA Metals	
7 [illegible]					PNA, Total RCRA Metals, VOCs	
8 [illegible]					PNA, Total RCRA Metals	
9 [illegible]					PNA, Total RCRA Metals	
10 [illegible]					PNA, Total RCRA Metals	
11 [illegible]					PNA, Total RCRA Metals	
12 [illegible]					PNA, Total RCRA Metals	
13 [illegible]					PNA, Total RCRA Metals, VOCs	
14 [illegible]					PNA, Total RCRA Metals	
15 [illegible]					PNA, Total RCRA Metals	

Sample Preserved: Y - N	Condition of Sample(s): Good - Violated	GLOSSARY: MATRIX=Soil(S), Air(A), Water(W), Drinking Water(DW), Wipe(P), Other(O). A=Accept, R=Reject CONTAINER=40ml Vial(A), 60ml Vial(B), 2oz(C), 4oz(D), 8oz(E), 1Liter(F), Glass(G), Plastic(P), Air Tube(T), Wipe(W) PRESERVATIVE=HCl, HNO3, H2SO4, NaOH, MeCl, Other(O). I=Ice N/A=Not Applicable
Preservative Type:	Temp. of Container °C:	

Relinquished by: [illegible]	Date/Time: 3-[illegible]-01	Accepted by: [illegible]
Relinquished by:	Date/Time:	Accepted by:

Comments: [illegible]

AEA LABORATORIES, INC.

LABORATORY TESTING OF SO
WATER AND HAZARDOUS WA

8609 W. Bryn Mawr, Suite 201, Chicago IL 60631-352
Tel.: 773-693-8030 Fax: 773-693-8783 888-AEA-TES
Web: http://www.aeatest.com

CHAIN OF CUSTODY

Client: [illegible]	Project Name: [illegible]
Address: 333 N [illegible]	Sampler Name: [illegible]
	Project #: [illegible]
Report to: [illegible]	Time Period: (5 Day) 4 Day 3 Day 2 Day 1 Day <24Hr
Phone #: [illegible] Fax #: [illegible]	Date Needed: 3-12-01 AM

	Field ID; Location	Matrix	Date / Time	Type Cont.	# Cont.	Parameters Requested	AEA ID #
1	[illegible]	W	[illegible]	[illegible]	2	PNA Total RCRA Metals	
2	[illegible]	W	↓	↓	↓	SVOC PNA Total RCRA Metals	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Sample Preserved: Y - N	Condition of Sample(s): Good - Violated	GLOSSARY: MATRIX=Soil(S), Air(A), Water(W), Drinking Water(DW) Wipe(P) Other(O) A=Accept R=Reject
Preservative Type:	Temp. of Container °C	CONTAINER=40ml Vial(A) 60ml Vial(B) 2oz(C) 4oz(D) 8oz(E) 1Liter(F) Glass(G) Plastic(P) Air Tube(T) Wipe(W) PRESERVATIVE=HCl, HNO3, H2SO4, NaOH, MeCl, Other(O). I=Ice. N/A=Not Applicable

Relinquished by: [illegible]	Date/Time: [illegible]	Accepted by: [illegible]
Relinquished by:	Date/Time	Accepted by:

Comments: [illegible]@[illegible]

Page of

AEA LABORATORIES, INC.

LABORATORY TESTING OF SOIL
WATER AND HAZARDOUS WASTE

8609 W Bryn Mawr, Suite 201, Chicago, IL 60631-3524
Tel.: 773-693-8030 Fax: 773-693-8783 888-AEA-TES
Web: http://www.aeatest.com

CHAIN OF CUSTODY

Client: Barrow, Cordova & Moss, Ltd	Project Name: Proposed Bank School
Address: 333 N. Nickel Dr. Suite 100 Chicago, IL 60606	Sampler Name: Kelli M Donald
	Project #: 1-2-11 E2C17
Report to: Kelli M Donald	Time Period: 5 Day 4 Day 3 Day 2 Day 1 Day <24Hr.
Phone #: Fax #:	Date Needed: 1-2-11

	Field ID; Location	Matrix	Date Time	Type Cont.	# Cont.	Parameters Requested	AEA ID #
1	B1 - B1 @ 4'	S	3-1-11	1/2 Glass	2		
2	B1 - B1 @ 10'						
3	B1 - B2 @ 4'						
4	~~B1 - B2 @~~						
5	B1 - B3 @ 4'						
6	B1 - B3 @ 10'						
7	B1 - B4 @ 4-10'						
8	B1 - B4 @ 11-16'						
9	B1 - B5 @ 1-2'						
10	B1 - B5 @ 11'						
11	B1 - B6 @ 4'						
12	B1 - B6 @ 11-16						
13	B1 - B7 @ 1-2'						
14	B1 - B7 @ 12-14'						
15	B1 - B8 @ 4'						

Sample Preserved: Y - N	Condition of Sample(s): Good - Violated	GLOSSARY: MATRIX=Soil(S), Air(A), Water(W), Drinking Water(DW), Wipe(P), Other(O) A=Accept R=Reject
Preservative Type:	Temp. of Container °C:	CONTAINER=40ml Vial(A), 60ml Vial(B) 2oz(C), 4oz(D), 8oz(E), 1Liter(F) Glass(G) Plastic(P) Air Tube(T) Wipe(W) PRESERVATIVE=HCl, HNO3, H2SO4, NaOH, MeCl, Other(O) I=Ice. N/A=Not Applicable

Relinquished by: Kelli M Donald	Date/Time: 3-2-11	Accepted by: [illegible]
Relinquished by:	Date/Time:	Accepted by:
Comments:		

Page of

AEA LABORATORIES, INC.

LABORATORY TESTING OF SO
WATER AND HAZARDOUS WA

8609 W Bryn Mawr, Suite 201, Chicago, IL 60631-352
Tel.: 773-693-8030 Fax: 773-693-8783 888-AEA-TES
Web: http://www.aeatest.com

CHAIN OF CUSTODY

Client: Carmen, Cumbar & Assoc. Ltd.	Project Name: Proposed Bank School
Address: 333 W. Wacker Dr. Suite 800 Chicago IL 60606	Sampler Name: Kelli McDonald
	Project #: 13611 E2617
Report to: Kelli McDonald	Time Period: 5 Day 4 Day 3 Day 2 Day 1 Day <24Hr
Phone #: 312/467 7910 Fax #: 312/782 5145	Date Needed: HOLD

	Field ID; Location	Matrix	Date Time	Type Cont.	# Cont.	Parameters Requested	AEA ID #
1	PB5-B5C 14-16'	S	11/4	4oz Air Cont	2		
2	PB5 B5C 6-8'						
3	PB5 B5C 12-14'						
4	PB5 B5C 8-10'						
5	PB5 B5C 14-16'						
6	PB5 B5E 6-8'						
7	PB5 B5E 12-14						
8	PB5 B5E 8-10'						
9	PB5 B5E 14-16'						
10	PB5 B3C 6-8'						
11	PB5 B3C 12-14						
12	PB5 B3C 8-10'						
13	PB5 B3C 14-16'						
14	PB5 B3E 6-8'						
15	PB5 B3E 12-14'						

Sample Preserved Y - N	Condition of Sample(s): Good - Violated	GLOSSARY: MATRIX=Soil(S), Air(A) Water(W), Drinking Water(DW), Wipe(P) Other(O) A=Accept R=Reject CONTAINER=40ml Vial(A) 60ml Vial(B) 2oz(C), 4oz(D) 8oz(E), 1Liter(F) Glass(G) Plastic(P) Air Tube(T) Wipe(W) PRESERVATIVE=HCl, HNO3, H2SO4, NaOH, MeCl, Other(O). I=ice. N/A=Not Applicable
Preservative Type:	Temp of Container °C:	

Relinquished by: Kelli McDonald	Date/Time: 11/4	Accepted by: [illegible]
Relinquished by:	Date/Time:	Accepted by:
Comments:		

Page of

AEA LABORATORIES, INC.

LABORATORY TESTING OF SOIL
WATER AND HAZARDOUS WASTE

8609 W. Bryn Mawr Suite 201, Chicago, IL 60631-3524
Tel.: 773-693-8030 Fax: 773-693-8783 888-AEA-TEST
Web: http://www.aeatest.com

CHAIN OF CUSTODY

Client: Cannon, Cunningham & Assoc. Ltd	Project Name: Proposed Bank Site
Address: 333 W. Wacker Dr. Suite 1400 Chicago, IL 60606	Sampler Name: Kelly M. Donald
	Project #: 13661 E2017
Report to: Kelly M. Donald	Time Period: 5 Day 4 Day 3 Day 2 Day 1 Day <24Hr
Phone #: 312/782-7910 Fax #: 312/782-5145	Date Needed: ASAP

	Field ID, Location	Matrix	Date / Time	Type Cont.	# Cont.	Parameters Requested	AEA ID #
1	[illegible]	S	[illegible]	[illegible]	2		
2	[illegible]						
3	[illegible]						
4	[illegible]						
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Sample Preserved: Y - N	Condition of Sample(s): Good - Violated	GLOSSARY: MATRIX=Soil(S), Air(A), Water(W), Drinking Water(DW), Wipe(P), Other(O). A=Accept. R=Reject. CONTAINER=40ml Vial(A), 60ml Vial(B), 2oz(C), 4oz(D), 8oz(E), 1Liter(F), Glass(G), Plastic(P), Air Tube(T), Wipe(W). PRESERVATIVE=HCl, HNO3, H2SO4, NaOH, MeCl, Other(O)___, I=Ice. N/A=Not Applicable
Preservative Type:	Temp. of Container °C:	

Relinquished by: Kelly M. Donald	Date/Time: [illegible]	Accepted by: [illegible]
Relinquished by:	Date/Time:	Accepted by:
Comments:		

Page of

LABORATORY DATA REPORT

CLIENT

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218

PROJECT NAME	: Proposed Boone School
NUMBER#	: 13061-E8017
TASK ORDER	: NA
ATTN	: Kelli McDonald
RECEIVED	: 03/02/01
REPORTED	: 03/20/01
FILE ID#	: AG01514 THRU AG01530

PROJECT SUMMARY:

Analyses were performed in accordance with the methods found in the USEPA publication: Test Methods for Evaluating Solid Waste, Physical/Chemical methods, SW- 846, 3rd Edition, December 1996. Specific method references are listed on the analytical report.

Results have been expressed on a "wet" weight (as received) basis except where otherwise specified.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods have been met.

LABORATORY DIRECTOR_____

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B1 AG01514 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	19 9	%	03/09/01	CC
SW846 7060A	Arsenic	0.0624	9.48	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.694	33.4	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00624	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00999	15.7	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0 0250	15.7	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0499	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0 497	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.350	< Stated Limit	mg/kg	03/10/01	BDP
-846 3550B	SONICATION PREP-PNA	---	03/06/01	---	03/06/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0 0326	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0208	< Stated Limit		03/09/01	EQ
	Anthracene	0.000844	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0.002	0.0026		03/09/01	EQ
	Benzo (a) pyrene	0.00183	0.0029		03/09/01	EQ
	Benzo (b) fluoranthene	0.000714	0.0035		03/09/01	EQ
	Benzo (ghi) perylene	0.00155	0.0028		03/09/01	EQ
	Benzo (k) fluoranthene	0.000473	0.0019		03/09/01	EQ
	Chrysene	0.00101	0 0033		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00617	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.00134	< Stated Limit		03/09/01	EQ
	Fluorene	0.0114	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.00055	< Stated Limit		03/09/01	EQ
	Naphthalene	0 00877	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00125	< Stated Limit		03/09/01	EQ
	Pyrene	0.00354	< Stated Limit		03/09/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/02/01	---	03/06/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/09/01	JR
	1,1,1,2-Tetrachloroethane	0.003	< Stated Limit		03/09/01	JR
	1,1,1-Trichloroethane	0 003	< Stated Limit		03/09/01	JR
	1,1,2,2-Tetrachloroethane	0.003	< Stated Limit		03/09/01	JR
	1,1,2-Trichloroethane	0.003	< Stated Limit		03/09/01	JR
	1,1-Dichloro-1-propene	0.003	< Stated Limit		03/09/01	JR
	1,1-Dichloroethane	0.003	< Stated Limit		03/09/01	JR
	1,1-Dichloroethene	0 003	< Stated Limit		03/09/01	JR

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B1 AG01514 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,2,3-Trichlorobenzene	0.003	< Stated Limit		03/09/01	JR
	1,2,3-Trichloropropane	0.003	< Stated Limit		03/09/01	JR
	1,2,4-Trichlorobenzene	0.003	< Stated Limit		03/09/01	JR
	1,2,4-Trimethylbenzene	0.003	< Stated Limit		03/09/01	JR
	1,2-Dibromo-3-chloropropane	0.003	< Stated Limit		03/09/01	JR
	1,2-Dibromoethane	0.003	< Stated Limit		03/09/01	JR
	1,2-Dichlorobenzene	0.003	< Stated Limit		03/09/01	JR
	1,2-Dichloroethane	0.003	< Stated Limit		03/09/01	JR
	1,2-Dichloropropane	0.003	< Stated Limit		03/09/01	JR
	1,3,5-Trimethylbenzene	0.003	< Stated Limit		03/09/01	JR
	1,3-Dichlorobenzene	0.003	< Stated Limit		03/09/01	JR
	1,3-Dichloropropane	0.003	< Stated Limit		03/09/01	JR
	1,4-Dichlorobenzene	0.003	< Stated Limit		03/09/01	JR
	2,2-Dichloropropane	0.003	< Stated Limit		03/09/01	JR
	2-Butanone (MEK)	0.006	< Stated Limit		03/09/01	JR
	2-Chlorotoluene	0.003	< Stated Limit		03/09/01	JR
	2-Hexanone	0.006	< Stated Limit		03/09/01	JR
	4-Chlorotoluene	0.003	< Stated Limit		03/09/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.006	< Stated Limit		03/09/01	JR
	Acetone	0.006	0.015		03/09/01	JR
	Benzene	0.003	< Stated Limit		03/09/01	JR
	Bromobenzene	0.003	< Stated Limit		03/09/01	JR
	Bromochloromethane	0.003	< Stated Limit		03/09/01	JR
	Bromodichloromethane	0.003	< Stated Limit		03/09/01	JR
	Bromoform	0.003	< Stated Limit		03/09/01	JR
	Bromomethane	0.003	< Stated Limit		03/09/01	JR
	Carbon disulfide	0.006	< Stated Limit		03/09/01	JR
	Carbon tetrachloride	0.003	< Stated Limit		03/09/01	JR
	Chlorobenzene	0.003	< Stated Limit		03/09/01	JR
	Chlorodibromomethane	0.003	< Stated Limit		03/09/01	JR
	Chloroethane	0.003	< Stated Limit		03/09/01	JR
	Chloroform	0.003	< Stated Limit		03/09/01	JR
	Chloromethane	0.003	< Stated Limit		03/09/01	JR
	cis-1,2-Dichloroethene	0.003	< Stated Limit		03/09/01	JR
	cis-1,3-Dichloropropene	0.003	< Stated Limit		03/09/01	JR
	Dibromomethane	0.003	< Stated Limit		03/09/01	JR
	Dichlorodifluoromethane	0.003	< Stated Limit		03/09/01	JR
	Ethylbenzene	0.003	< Stated Limit		03/09/01	JR
	Hexachlorobutadiene	0.003	< Stated Limit		03/09/01	JR
	Isopropylbenzene (Cumene)	0.003	< Stated Limit		03/09/01	JR
	m,p,-Xylenes	0.006	< Stated Limit		03/09/01	JR

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Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B1			
Lab Number			AG01514			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Methylene chloride	0.007	< Stated Limit		03/09/01	JR
	Naphthalene	0.003	< Stated Limit		03/09/01	JR
	n-Butylbenzene	0.003	< Stated Limit		03/09/01	JR
	o-Xylene	0.003	< Stated Limit		03/09/01	JR
	p-Isopropyltoluene (Cymene)	0.003	< Stated Limit		03/09/01	JR
	Propylbenzene	0.003	< Stated Limit		03/09/01	JR
	sec-Butylbenzene	0.003	< Stated Limit		03/09/01	JR
	Styrene	0.003	< Stated Limit		03/09/01	JR
	tert-Butylbenzene	0.003	< Stated Limit		03/09/01	JR
	Tetrachloroethene	0.003	< Stated Limit		03/09/01	JR
	Toluene	0.003	< Stated Limit		03/09/01	JR
	trans-1,2-Dichloroethene	0.003	< Stated Limit		03/09/01	JR
	trans-1,3-Dichloropropene	0.003	< Stated Limit		03/09/01	JR
	Trichloroethene	0.003	< Stated Limit		03/09/01	JR
	Trichlorofluoromethane	0.003	< Stated Limit		03/09/01	JR
	Vinyl chloride	0.003	< Stated Limit		03/09/01	JR

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc

Arminta P. Priddy
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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B2 AG01515 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	22 3	%	03/09/01	CC
SW846 7060A	Arsenic	0 0644	15.6	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.716	46.5	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0 00644	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0 01030	18.3	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0 0257	29.2	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0 0515	0.250	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0 512	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.360	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/06/01	---	03/06/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0336	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0 0215	< Stated Limit		03/09/01	EQ
	Anthracene	0 00087	0 0074		03/09/01	EQ
	Benzo (a) anthracene	0 00206	0.0272		03/09/01	EQ
	Benzo (a) pyrene	0 00189	0 0296		03/09/01	EQ
	Benzo (b) fluoranthene	0.000736	0.0290		03/09/01	EQ
	Benzo (ghi) perylene	0.0016	0 0212		03/09/01	EQ
	Benzo (k) fluoranthene	0 000488	0.0164		03/09/01	EQ
	Chrysene	0.00104	0.0364		03/09/01	EQ
	Dibenzo (a,h) anthracene	0 00636	0.0127		03/09/01	EQ
	Fluoranthene	0.00138	0.0493		03/09/01	EQ
	Fluorene	0.0118	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000568	0.0100		03/09/01	EQ
	Naphthalene	0 00905	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00129	0.0247		03/09/01	EQ
	Pyrene	0.00366	0.0442		03/09/01	EQ

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B3 AG01516 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	21.6	%	03/09/01	CC
SW846 7060A	Arsenic	0.0638	7.76	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.709	41.2	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00638	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01020	16.4	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0255	25.8	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0510	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.398	< Stated Limit	mg/kg	03/13/01---	BDP
SW-846 6010B	Silver	0.357	< Stated Limit	mg/kg	03/10/01	BDP
W-846 3550B	SONICATION PREP-PNA	---	03/06/01	---	03/06/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0333	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0213	0.0382		03/09/01	EQ
	Anthracene	0.000862	0.0012		03/09/01	EQ
	Benzo (a) anthracene	0.00204	0.0048		03/09/01	EQ
	Benzo (a) pyrene	0.00187	0.0033		03/09/01	EQ
	Benzo (b) fluoranthene	0.000729	0.0067		03/09/01	EQ
	Benzo (ghi) perylene	0.00158	0.0082		03/09/01	EQ
	Benzo (k) fluoranthene	0.000483	0.0031		03/09/01	EQ
	Chrysene	0.00103	0.0062		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.0063	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.00136	0.0099		03/09/01	EQ
	Fluorene	0.0117	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000562	< Stated Limit		03/09/01	EQ
	Naphthalene	0.00896	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00127	0.0061		03/09/01	EQ
	Pyrene	0.00362	0.0094		03/09/01	EQ

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B4 AG01517 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	20.7	%	03/09/01	CC
SW846 7060A	Arsenic	0 0631	19.2	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0 701	53 6	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0 00631	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01009	18 4	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0252	24.6	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0504	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.502	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0 353	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PEST	---	03/06/01	---	03/06/01	OE
SW-846 8081	**Pesticide/PCBs**	---	---	mg/kg	03/12/01	GS
	4,4'-DDD	0 0113	< Stated Limit		03/12/01	GS
	4,4'-DDE	0.0107	< Stated Limit		03/12/01	GS
	4,4'-DDT	0 00753	< Stated Limit		03/12/01	GS
	Aldrin	0 00397	< Stated Limit		03/12/01	GS
	alpha-BHC	0.0066	< Stated Limit		03/12/01	GS
	beta-BHC	0.00873	< Stated Limit		03/12/01	GS
	delta-BHC	0.00767	< Stated Limit		03/12/01	GS
	a-Chlordane	0 00941	< Stated Limit		03/12/01	GS
	gamma-BHC (Lindane)	0.00643	< Stated Limit		03/12/01	GS
	g-Chlordane	0.00824	< Stated Limit		03/12/01	GS
	Dieldrin	0.0115	< Stated Limit		03/12/01	GS
	Endosulfan I	0 00387	< Stated Limit		03/12/01	GS
	Endosulfan II	0.015	< Stated Limit		03/12/01	GS
	Endosulfan Sulfate	0 00927	< Stated Limit		03/12/01	GS
	Endrin	0.00717	< Stated Limit		03/12/01	GS
	Endrin Aldehyde	0.00946	< Stated Limit		03/12/01	GS
	Endrin Ketone	0 00762	< Stated Limit		03/12/01	GS
	Heptachlor	0.00403	< Stated Limit		03/12/01	GS
	Heptachlor Epoxide	0.00556	< Stated Limit		03/12/01	GS
	Methoxychlor	0.00454	< Stated Limit		03/12/01	GS
	Toxaphene	0.101	< Stated Limit		03/12/01	GS
SW-846 8082	Aroclor 1016	0 0873	< Stated Limit		03/12/01	GS
	Aroclor 1221	0.0873	< Stated Limit		03/12/01	GS
	Aroclor 1232	0 0634	< Stated Limit		03/12/01	GS
	Aroclor 1242	0 0873	< Stated Limit		03/12/01	GS
	Aroclor 1248	0.0949	< Stated Limit		03/12/01	GS

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B4 AG01517 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	Aroclor 1254	0.0383	< Stated Limit		03/12/01	GS
	Aroclor 1260	0.0752	< Stated Limit		03/12/01	GS
SW-846 3550B	SONICATION PREP-PNA	---	03/14/01	---	03/14/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0329	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0211	< Stated Limit		03/16/01	EQ
	Anthracene	0.000852	0.0013		03/16/01	EQ
	Benzo (a) anthracene	0.00202	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00185	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000721	0.0038		03/16/01	EQ
	Benzo (ghi) perylene	0.00156	0.0019		03/16/01	EQ
	Benzo (k) fluoranthene	0.000478	0.0018		03/16/01	EQ
	Chrysene	0.00102	0.0025		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00623	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00135	0.0026		03/16/01	EQ
	Fluorene	0.0115	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000556	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00886	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00126	0.0087		03/16/01	EQ
	Pyrene	0.00358	0.0185		03/16/01	EQ
SW-846 3550B	SONICATION PREP-BNA	---	03/06/01	---	03/06/01	OE
SW-846 8270C	**Semi-Volatiles by 8270**	---	---	mg/kg	03/07/01	EN
	1,2,4-Trichlorobenzene	0.0844	< Stated Limit		03/07/01	EN
	1,2-Dichlorobenzene	0.0844	< Stated Limit		03/07/01	EN
	1,3-Dichlorobenzene	0.0844	< Stated Limit		03/07/01	EN
	1,4-Dichlorobenzene	0.0844	< Stated Limit		03/07/01	EN
	2,4,5-Tichlorophenol	0.126	< Stated Limit		03/07/01	EN
	2,4,6-Trichlorophenol	0.126	< Stated Limit		03/07/01	EN
	2,4-Dichlorophenol	0.126	< Stated Limit		03/07/01	EN
	2,4-Dimethylphenol	0.0844	< Stated Limit		03/07/01	EN
	2,4-Dinitrophenol	0.0844	< Stated Limit		03/07/01	EN
	2,4-Dinitrotoluene	0.0844	< Stated Limit		03/07/01	EN
	2,6-Dinitrotoluene	0.0844	< Stated Limit		03/07/01	EN
	2-Chloronaphthalene	0.0844	< Stated Limit		03/07/01	EN
	2-Chlorophenol	0.126	< Stated Limit		03/07/01	EN
	2-Methylnaphthalene	0.0844	< Stated Limit		03/07/01	EN
	2-methylphenol	0.0844	< Stated Limit		03/07/01	EN
	2-Nitroaniline	0.0844	< Stated Limit		03/07/01	EN
	2-Nitrophenol	0.105	< Stated Limit		03/07/01	EN

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ANALYTICAL REPORT

Field ID			PBS-B4			
Lab Number			AG01517			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	3,3-Dichlorobenzidine	0.0844	< Stated Limit		03/07/01	EN
	3-Nitroaniline	0.0844	< Stated Limit		03/07/01	EN
	4,6-Dinitro-2-methylphenol	0.0844	< Stated Limit		03/07/01	EN
	4-Bromophenyl-phenylether	0.0844	< Stated Limit		03/07/01	EN
	4-Chloro-3-methylphenol	0.0844	< Stated Limit		03/07/01	EN
	4-Chloroaniline	0.0844	< Stated Limit		03/07/01	EN
	4-Chlorophenyl-phenylether	0.0844	< Stated Limit		03/07/01	EN
	4-Methylphenol	0.0844	< Stated Limit		03/07/01	EN
	4-Nitroaniline	0.0844	< Stated Limit		03/07/01	EN
	4-Nitrophenol	0.0844	< Stated Limit		03/07/01	EN
	Acenaphthene	0.0105	< Stated Limit		03/07/01	EN
	Acenaphthylene	0.021	< Stated Limit		03/07/01	EN
	Anthracene	0.0105	< Stated Limit		03/07/01	EN
	Benzo[a]anthracene	0.0105	< Stated Limit		03/07/01	EN
	Benzo[a]pyrene	0.021	< Stated Limit		03/07/01	EN
	Benzo[b]fluoranthene	0.0105	< Stated Limit		03/07/01	EN
	Benzo[g,h,i]perylene	0.042	< Stated Limit		03/07/01	EN
	Benzo[k]fluoranthene	0.042	< Stated Limit		03/07/01	EN
	Benzoic Acid	2.02	< Stated Limit		03/07/01	EN
	Benzyl alcohol	0.0844	< Stated Limit		03/07/01	EN
	bis (2-Chloroethoxy) methane	0.0844	< Stated Limit		03/07/01	EN
	bis (2-Chloroethyl) ether	0.0844	< Stated Limit		03/07/01	EN
	bis (2-Chloroisopropyl) ether	0.0844	< Stated Limit		03/07/01	EN
	bis(2-Ethylhexyl)phthalate	0.0844	< Stated Limit		03/07/01	EN
	Butylbenzylphthalate	0.0844	< Stated Limit		03/07/01	EN
	Chrysene	0.0105	< Stated Limit		03/07/01	EN
	Dibenz[a,h]anthracene	0.042	< Stated Limit		03/07/01	EN
	Dibenzofuran	0.0844	< Stated Limit		03/07/01	EN
	Diethylphthalate	0.0844	< Stated Limit		03/07/01	EN
	Dimethylphthalate	0.0844	< Stated Limit		03/07/01	EN
	Di-n-butylphthalate	0.126	< Stated Limit		03/07/01	EN
	Di-n-octylphthalate	0.0844	< Stated Limit		03/07/01	EN
	Fluoranthene	0.0105	< Stated Limit		03/07/01	EN
	Fluorene	0.021	< Stated Limit		03/07/01	EN
	Hexachlorethane	0.0844	< Stated Limit		03/07/01	EN
	Hexachlorobenzene	0.105	< Stated Limit		03/07/01	EN
	Hexachlorobutadiene	0.0844	< Stated Limit		03/07/01	EN
	Hexachlorocyclopentadienes	0.0844	< Stated Limit		03/07/01	EN
	Indeno[1,2,3-cd]pyrene	0.042	< Stated Limit		03/07/01	EN
	Isophorone	0.0844	< Stated Limit		03/07/01	EN
	Naphthalene	0.0105	< Stated Limit		03/07/01	EN

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ANALYTICAL REPORT

Field ID			PBS-B4			
Lab Number			AG01517			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Nitrobenzene	0.0844	< Stated Limit		03/07/01	EN
	n-Nitroso-di-n-propylamine	0.0844	< Stated Limit		03/07/01	EN
	n-Nitrsodiphenylamine	0.0844	< Stated Limit		03/07/01	EN
	Pentachlorophenol	0.105	< Stated Limit		03/07/01	EN
	Phenanthrene	0.0105	< Stated Limit		03/07/01	EN
	Phenol	0.0844	< Stated Limit		03/07/01	EN
	Pyrene	0.0105	< Stated Limit		03/07/01	EN

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Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B5 AG01518 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	19.8	%	03/09/01	CC
SW846 7060A	Arsenic	0.0623	16.3	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.693	35.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00623	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00998	14.6	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0249	23.7	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0499	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.496	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.349	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PEST	---	03/06/01	---	03/06/01	OE
SW-846 8081	**Pesticide/PCBs**	---	---	mg/kg	03/12/01	GS
	4,4'-DDD	0.0111	< Stated Limit		03/12/01	GS
	4,4'-DDE	0.0105	< Stated Limit		03/12/01	GS
	4,4'-DDT	0.00742	< Stated Limit		03/12/01	GS
	Aldrin	0.00391	< Stated Limit		03/12/01	GS
	alpha-BHC	0.0065	< Stated Limit		03/12/01	GS
	beta-BHC	0.00859	< Stated Limit		03/12/01	GS
	delta-BHC	0.00755	< Stated Limit		03/12/01	GS
	gamma-BHC (Lindane)	0.00632	< Stated Limit		03/12/01	GS
	a-Chlordane	0.00926	< Stated Limit		03/12/01	GS
	g-Chlordane	0.00811	< Stated Limit		03/12/01	GS
	Dieldrin	0.0113	< Stated Limit		03/12/01	GS
	Endosulfan I	0.00381	< Stated Limit		03/12/01	GS
	Endosulfan II	0.0148	< Stated Limit		03/12/01	GS
	Endosulfan Sulfate	0.00913	< Stated Limit		03/12/01	GS
	Endrin	0.00706	< Stated Limit		03/12/01	GS
	Endrin Aldehyde	0.00931	< Stated Limit		03/12/01	GS
	Endrin Ketone	0.0075	< Stated Limit		03/12/01	GS
	Heptachlor	0.00397	< Stated Limit		03/12/01	GS
	Heptachlor Epoxide	0.00547	< Stated Limit		03/12/01	GS
	Methoxychlor	0.00446	< Stated Limit		03/12/01	GS
	Toxaphene	0.0992	< Stated Limit		03/12/01	GS
SW-846 8082	Aroclor 1016	0.0859	< Stated Limit		03/12/01	GS
	Aroclor 1221	0.0859	< Stated Limit		03/12/01	GS
	Aroclor 1232	0.0624	< Stated Limit		03/12/01	GS
	Aroclor 1242	0.0859	< Stated Limit		03/12/01	GS
	Aroclor 1248	0.0934	< Stated Limit		03/12/01	GS

Carnow, Conibear & Assoc., Ltd.
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Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B5 AG01518 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	3,3-Dichlorobenzidine	0.0838	< Stated Limit		03/07/01	EN
	3-Nitroaniline	0.0838	< Stated Limit		03/07/01	EN
	4,6-Dinitro-2-methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Bromophenyl-phenylether	0.0838	< Stated Limit		03/07/01	EN
	4-Chloro-3-methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Chloroaniline	0.0838	< Stated Limit		03/07/01	EN
	4-Chlorophenyl-phenylether	0.0838	< Stated Limit		03/07/01	EN
	4-Methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Nitroaniline	0.0838	< Stated Limit		03/07/01	EN
	4-Nitrophenol	0.0838	< Stated Limit		03/07/01	EN
	Acenaphthene	0.0104	< Stated Limit		03/07/01	EN
	Acenaphthylene	0.0209	< Stated Limit		03/07/01	EN
	Anthracene	0.0104	< Stated Limit		03/07/01	EN
	Benzo[a]anthracene	0.0104	< Stated Limit		03/07/01	EN
	Benzo[a]pyrene	0.0209	< Stated Limit		03/07/01	EN
	Benzo[b]fluoranthene	0.0104	< Stated Limit		03/07/01	EN
	Benzo[g,h,i]perylene	0.0416	< Stated Limit		03/07/01	EN
	Benzo[k]fluoranthene	0.0416	< Stated Limit		03/07/01	EN
	Benzoic Acid	2.00	< Stated Limit		03/07/01	EN
	Benzyl alcohol	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroethoxy) methane	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroethyl) ether	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroisopropyl) ether	0.0838	< Stated Limit		03/07/01	EN
	bis(2-Ethylhexyl)phthalate	0.0838	< Stated Limit		03/07/01	EN
	Butylbenzylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Chrysene	0.0104	< Stated Limit		03/07/01	EN
	Dibenz[a,h]anthracene	0.0416	< Stated Limit		03/07/01	EN
	Dibenzofuran	0.0838	< Stated Limit		03/07/01	EN
	Diethylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Dimethylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Di-n-butylphthalate	0.125	< Stated Limit		03/07/01	EN
	Di-n-octylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Fluoranthene	0.0104	< Stated Limit		03/07/01	EN
	Fluorene	0.0209	< Stated Limit		03/07/01	EN
	Hexachlorethane	0.0838	< Stated Limit		03/07/01	EN
	Hexachlorobenzene	0.104	< Stated Limit		03/07/01	EN
	Hexachlorobutadiene	0.0838	< Stated Limit		03/07/01	EN
	Hexachlorocyclopentadienes	0.0838	< Stated Limit		03/07/01	EN
	Indeno[1,2,3-cd]pyrene	0.0416	< Stated Limit		03/07/01	EN
	Isophorone	0.0838	< Stated Limit		03/07/01	EN
	Naphthalene	0.0104	< Stated Limit		03/07/01	EN

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B5			
Lab Number			AG01518			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Nitrobenzene	0.0838	< Stated Limit		03/07/01	EN
	n-Nitroso-di-n-propylamine	0.0838	< Stated Limit		03/07/01	EN
	n-Nitrsodiphenylamine	0.0838	< Stated Limit		03/07/01	EN
	Pentachlorophenol	0 104	< Stated Limit		03/07/01	EN
	Phenanthrene	0 0104	< Stated Limit		03/07/01	EN
	Phenol	0.0838	< Stated Limit		03/07/01	EN
	Pyrene	0 0104	< Stated Limit		03/07/01	EN

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc

Arminta P Priddy
Laboratory Director

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Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B7 AG01520 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	23.6	%	03/09/01	CC
SW846 7060A	Arsenic	0.0654	23.3	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.728	45.7	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00654	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01047	18.8	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0 0262	21.1	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0524	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.521	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.366	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/06/01	---	03/06/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0 0341	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0 0218	< Stated Limit		03/09/01	EQ
	Anthracene	0 000884	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0 00209	< Stated Limit		03/09/01	EQ
	Benzo (a) pyrene	0.00192	0.0022		03/09/01	EQ
	Benzo (b) fluoranthene	0.000748	0.0024		03/09/01	EQ
	Benzo (ghi) perylene	0 00162	0.0033		03/09/01	EQ
	Benzo (k) fluoranthene	0.000496	0.0007		03/09/01	EQ
	Chrysene	0.00106	0.0019		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00646	< Stated Limit		03/09/01	EQ
	Fluoranthene	0 0014	0.0019		03/09/01	EQ
	Fluorene	0 012	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000577	< Stated Limit		03/09/01	EQ
	Naphthalene	0.0092	< Stated Limit		03/09/01	EQ
	Phenanthrene	0 00131	0 0028		03/09/01	EQ
	Pyrene	0 00371	< Stated Limit		03/09/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/02/01	---	03/06/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/09/01	JR
	1,1,1,2-Tetrachloroethane	0 004	< Stated Limit		03/09/01	JR
	1,1,1-Trichloroethane	0 004	< Stated Limit		03/09/01	JR
	1,1,2,2-Tetrachloroethane	0 004	< Stated Limit		03/09/01	JR
	1,1,2-Trichloroethane	0 004	< Stated Limit		03/09/01	JR
	1,1-Dichloro-1-propene	0 004	< Stated Limit		03/09/01	JR
	1,1-Dichloroethane	0.004	< Stated Limit		03/09/01	JR
	1,1-Dichloroethene	0 004	< Stated Limit		03/09/01	JR

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Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B6 AG01519 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	25.2	%	03/09/01	CC
SW846 7060A	Arsenic	0.0668	15.9	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.743	40.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00668	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01070	16.4	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0267	20.0	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0535	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.532	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.374	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/06/01	---	03/06/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0349	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0223	< Stated Limit		03/09/01	EQ
	Anthracene	0.000903	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0.00214	0.0099		03/09/01	EQ
	Benzo (a) pyrene	0.00196	0.0089		03/09/01	EQ
	Benzo (b) fluoranthene	0.000764	0.0117		03/09/01	EQ
	Benzo (ghi) perylene	0.00166	0.0093		03/09/01	EQ
	Benzo (k) fluoranthene	0.000506	0.0063		03/09/01	EQ
	Chrysene	0.00108	0.0111		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.0066	0.0076		03/09/01	EQ
	Fluoranthene	0.00143	0.0108		03/09/01	EQ
	Fluorene	0.0122	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000589	0.0049		03/09/01	EQ
	Naphthalene	0.00939	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00134	0.0023		03/09/01	EQ
	Pyrene	0.00379	< Stated Limit		03/09/01	EQ

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc.

Arminta P. Priddy
Laboratory Director

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Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID			PBS-B7			
Lab Number			AG01520			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	1,2,3-Trichlorobenzene	0.004	< Stated Limit		03/09/01	JR
	1,2,3-Trichloropropane	0.004	< Stated Limit		03/09/01	JR
	1,2,4-Trichlorobenzene	0.004	< Stated Limit		03/09/01	JR
	1,2,4-Trimethylbenzene	0.004	< Stated Limit		03/09/01	JR
	1,2-Dibromo-3-chloropropane	0.004	< Stated Limit		03/09/01	JR
	1,2-Dibromoethane	0.004	< Stated Limit		03/09/01	JR
	1,2-Dichlorobenzene	0.004	< Stated Limit		03/09/01	JR
	1,2-Dichloroethane	0.004	< Stated Limit		03/09/01	JR
	1,2-Dichloropropane	0.004	< Stated Limit		03/09/01	JR
	1,3,5-Trimethylbenzene	0.004	< Stated Limit		03/09/01	JR
	1,3-Dichlorobenzene	0.004	< Stated Limit		03/09/01	JR
	1,3-Dichloropropane	0.004	< Stated Limit		03/09/01	JR
	1,4-Dichlorobenzene	0.004	< Stated Limit		03/09/01	JR
	2,2-Dichloropropane	0.004	< Stated Limit		03/09/01	JR
	2-Butanone (MEK)	0.008	< Stated Limit		03/09/01	JR
	2-Chlorotoluene	0.004	< Stated Limit		03/09/01	JR
	2-Hexanone	0.008	< Stated Limit		03/09/01	JR
	4-Chlorotoluene	0.004	< Stated Limit		03/09/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.008	< Stated Limit		03/09/01	JR
	Acetone	0.008	0.019		03/09/01	JR
	Benzene	0.004	< Stated Limit		03/09/01	JR
	Bromobenzene	0.004	< Stated Limit		03/09/01	JR
	Bromochloromethane	0.004	< Stated Limit		03/09/01	JR
	Bromodichloromethane	0.004	< Stated Limit		03/09/01	JR
	Bromoform	0.004	< Stated Limit		03/09/01	JR
	Bromomethane	0.004	< Stated Limit		03/09/01	JR
	Carbon disulfide	0.008	< Stated Limit		03/09/01	JR
	Carbon tetrachloride	0.004	< Stated Limit		03/09/01	JR
	Chlorobenzene	0.004	< Stated Limit		03/09/01	JR
	Chlorodibromomethane	0.004	< Stated Limit		03/09/01	JR
	Chloroethane	0.004	< Stated Limit		03/09/01	JR
	Chloroform	0.004	< Stated Limit		03/09/01	JR
	Chloromethane	0.004	< Stated Limit		03/09/01	JR
	cis-1,2-Dichloroethene	0.004	< Stated Limit		03/09/01	JR
	cis-1,3-Dichloropropene	0.004	< Stated Limit		03/09/01	JR
	Dibromomethane	0.004	< Stated Limit		03/09/01	JR
	Dichlorodifluoromethane	0.004	< Stated Limit		03/09/01	JR
	Ethylbenzene	0.004	< Stated Limit		03/09/01	JR
	Hexachlorobutadiene	0.004	< Stated Limit		03/09/01	JR
	Isopropylbenzene (Cumene)	0.004	< Stated Limit		03/09/01	JR
	m,p,-Xylenes	0.008	< Stated Limit		03/09/01	JR

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Sample Matrix: soil
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Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B7 AG01520 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	Methylene chloride	0.0096	< Stated Limit		03/09/01	JR
	Naphthalene	0.004	< Stated Limit		03/09/01	JR
	n-Butylbenzene	0.004	< Stated Limit		03/09/01	JR
	o-Xylene	0.004	< Stated Limit		03/09/01	JR
	p-Isopropyltoluene (Cymene)	0.004	< Stated Limit		03/09/01	JR
	Propylbenzene	0.004	< Stated Limit		03/09/01	JR
	sec-Butylbenzene	0.004	< Stated Limit		03/09/01	JR
	Styrene	0.004	< Stated Limit		03/09/01	JR
	tert-Butylbenzene	0.004	< Stated Limit		03/09/01	JR
	Tetrachloroethene	0.004	< Stated Limit		03/09/01	JR
	Toluene	0.004	< Stated Limit		03/09/01	JR
	trans-1,2-Dichloroethene	0.004	< Stated Limit		03/09/01	JR
	trans-1,3-Dichloropropene	0.004	< Stated Limit		03/09/01	JR
	Trichloroethene	0.004	< Stated Limit		03/09/01	JR
	Trichlorofluoromethane	0.004	< Stated Limit		03/09/01	JR
	Vinyl chloride	0.004	< Stated Limit		03/09/01	JR

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc.

Arminta P. Priddy
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Sample Matrix: soil
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Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B8 AG01521 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	16 1	%	03/09/01	CC
SW846 7060A	Arsenic	0.0596	10.8	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.663	38.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00596	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0 00954	12.8	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0238	14.9	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0477	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.474	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.334	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0 0311	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0 0199	< Stated Limit		03/09/01	EQ
	Anthracene	0.000805	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0.00191	0.0023		03/09/01	EQ
	Benzo (a) pyrene	0.00175	< Stated Limit		03/09/01	EQ
	Benzo (b) fluoranthene	0.000681	0.0031		03/09/01	EQ
	Benzo (ghi) perylene	0 00148	0.0021		03/09/01	EQ
	Benzo (k) fluoranthene	0.000451	0.0017		03/09/01	EQ
	Chrysene	0 000966	0.0025		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00588	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.00127	0.0042		03/09/01	EQ
	Fluorene	0 0109	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0 000525	< Stated Limit		03/09/01	EQ
	Naphthalene	0.00837	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00119	0 0034		03/09/01	EQ
	Pyrene	0 00338	< Stated Limit		03/09/01	EQ

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc

Arminta P Priddy
Laboratory Director

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B9 AG01522 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	20.3	%	03/09/01	CC
SW846 7060A	Arsenic	0.0627	20.4	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.698	78.7	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00627	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01004	16.2	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0251	55.6	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0502	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.499	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.351	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.655	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.419	< Stated Limit		03/09/01	EQ
	Anthracene	0.017	1.07		03/09/01	EQ
	Benzo (a) anthracene	0.0401	2.13		03/09/01	EQ
	Benzo (a) pyrene	0.0369	1.98		03/09/01	EQ
	Benzo (b) fluoranthene	0.0144	1.79		03/09/01	EQ
	Benzo (ghi) perylene	0.0311	1.35		03/09/01	EQ
	Benzo (k) fluoranthene	0.00951	0.995		03/09/01	EQ
	Chrysene	0.0203	2.26		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.124	0.511		03/09/01	EQ
	Fluoranthene	0.0268	4.53		03/09/01	EQ
	Fluorene	0.230	0.560		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.0111	0.450		03/09/01	EQ
	Naphthalene	0.176	2.06		03/09/01	EQ
	Phenanthrene	0.0251	5.81		03/09/01	EQ
	Pyrene	0.0713	1.98		03/09/01	EQ

Analytes reported on dry weight basis except for Moisture.
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Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B10 AG01523 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0 1	19.0	%	03/09/01	CC
SW846 7060A	Arsenic	0.0617	15.1	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0 686	39.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0 00617	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0 00988	14.3	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0247	29.9	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0494	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0 491	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.346	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0322	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0 0206	< Stated Limit		03/09/01	EQ
	Anthracene	0.000834	0 0012		03/09/01	EQ
	Benzo (a) anthracene	0.00197	0 0053		03/09/01	EQ
	Benzo (a) pyrene	0 00181	0 0026		03/09/01	EQ
	Benzo (b) fluoranthene	0 000706	0 0059		03/09/01	EQ
	Benzo (ghi) perylene	0 00153	0.0097		03/09/01	EQ
	Benzo (k) fluoranthene	0.000468	0.0032		03/09/01	EQ
	Chrysene	0.001	0 0053		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.0061	< Stated Limit		03/09/01	EQ
	Fluoranthene	0 00132	0.0094		03/09/01	EQ
	Fluorene	0 0113	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000544	0 0023		03/09/01	EQ
	Naphthalene	0 00868	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00123	0.0078		03/09/01	EQ
	Pyrene	0 0035	< Stated Limit		03/09/01	EQ

Analytes reported on dry weight basis except for Moisture.
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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B11 AG01524 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	23.0	%	03/09/01	CC
SW846 7060A	Arsenic	0.0649	14.4	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.722	46.2	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00649	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01039	19.0	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0260	21.3	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0519	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.517	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.364	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/14/01	---	03/14/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0339	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0217	< Stated Limit		03/16/01	EQ
	Anthracene	0.000877	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00208	0.0036		03/16/01	EQ
	Benzo (a) pyrene	0.00191	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000742	0.0051		03/16/01	EQ
	Benzo (ghi) perylene	0.00161	0.0037		03/16/01	EQ
	Benzo (k) fluoranthene	0.000492	0.0028		03/16/01	EQ
	Chrysene	0.00105	0.0065		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00641	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00139	0.0069		03/16/01	EQ
	Fluorene	0.0119	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000572	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00912	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.0013	0.0054		03/16/01	EQ
	Pyrene	0.00369	< Stated Limit		03/16/01	EQ
SW-846 3550B	SONICATION PREP-BNA	---	03/06/01	---	03/06/01	OE
SW-846 8270C	**Semi-Volatiles by 8270**	---	---	mg/kg	03/07/01	EN
	1,2,4-Trichlorobenzene	0.0871	< Stated Limit		03/07/01	EN
	1,2-Dichlorobenzene	0.0871	< Stated Limit		03/07/01	EN
	1,3-Dichlorobenzene	0.0871	< Stated Limit		03/07/01	EN
	1,4-Dichlorobenzene	0.0871	< Stated Limit		03/07/01	EN
	2,4,5-Tichlorophenol	0.130	< Stated Limit		03/07/01	EN
	2,4,6-Trichlorophenol	0.130	< Stated Limit		03/07/01	EN
	2,4-Dichlorophenol	0.130	< Stated Limit		03/07/01	EN

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B11 AG01524 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	2,4-Dimethylphenol	0.0871	< Stated Limit		03/07/01	EN
	2,4-Dinitrophenol	0.0871	< Stated Limit		03/07/01	EN
	2,4-Dinitrotoluene	0.0871	< Stated Limit		03/07/01	EN
	2,6-Dinitrotoluene	0.0871	< Stated Limit		03/07/01	EN
	2-Chloronaphthalene	0.0871	< Stated Limit		03/07/01	EN
	2-Chlorophenol	0.130	< Stated Limit		03/07/01	EN
	2-Methylnaphthalene	0.0871	< Stated Limit		03/07/01	EN
	2-methylphenol	0.0871	< Stated Limit		03/07/01	EN
	2-Nitroaniline	0.0871	< Stated Limit		03/07/01	EN
	2-Nitrophenol	0.108	< Stated Limit		03/07/01	EN
	3,3-Dichlorobenzidine	0.0871	< Stated Limit		03/07/01	EN
	3-Nitroaniline	0.0871	< Stated Limit		03/07/01	EN
	4,6-Dinitro-2-methylphenol	0.0871	< Stated Limit		03/07/01	EN
	4-Bromophenyl-phenylether	0.0871	< Stated Limit		03/07/01	EN
	4-Chloro-3-methylphenol	0.0871	< Stated Limit		03/07/01	EN
	4-Chloroaniline	0.0871	< Stated Limit		03/07/01	EN
	4-Chlorophenyl-phenylether	0.0871	< Stated Limit		03/07/01	EN
	4-Methylphenol	0.0871	< Stated Limit		03/07/01	EN
	4-Nitroaniline	0.0871	< Stated Limit		03/07/01	EN
	4-Nitrophenol	0.0871	< Stated Limit		03/07/01	EN
	Acenaphthene	0.0108	< Stated Limit		03/07/01	EN
	Acenaphthylene	0.0217	< Stated Limit		03/07/01	EN
	Anthracene	0.0108	< Stated Limit		03/07/01	EN
	Benzo[a]anthracene	0.0108	< Stated Limit		03/07/01	EN
	Benzo[a]pyrene	0.0217	< Stated Limit		03/07/01	EN
	Benzo[b]fluoranthene	0.0108	< Stated Limit		03/07/01	EN
	Benzo[g,h,i]perylene	0.0433	< Stated Limit		03/07/01	EN
	Benzo[k]fluoranthene	0.0433	< Stated Limit		03/07/01	EN
	Benzoic Acid	2.08	< Stated Limit		03/07/01	EN
	Benzyl alcohol	0.0871	< Stated Limit		03/07/01	EN
	bis (2-Chloroethoxy) methane	0.0871	< Stated Limit		03/07/01	EN
	bis (2-Chloroethyl) ether	0.0871	< Stated Limit		03/07/01	EN
	bis (2-Chloroisopropyl) ether	0.0871	< Stated Limit		03/07/01	EN
	bis(2-Ethylhexyl)phthalate	0.0871	< Stated Limit		03/07/01	EN
	Butylbenzylphthalate	0.0871	< Stated Limit		03/07/01	EN
	Chrysene	0.0108	< Stated Limit		03/07/01	EN
	Dibenz[a,h]anthracene	0.0433	< Stated Limit		03/07/01	EN
	Dibenzofuran	0.0871	< Stated Limit		03/07/01	EN
	Diethylphthalate	0.0871	< Stated Limit		03/07/01	EN
	Dimethylphthalate	0.0871	< Stated Limit		03/07/01	EN
	Di-n-butylphthalate	0.130	< Stated Limit		03/07/01	EN

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Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B11			
Lab Number			AG01524			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Di-n-octylphthalate	0 0871	< Stated Limit		03/07/01	EN
	Fluoranthene	0 0108	< Stated Limit		03/07/01	EN
	Fluorene	0 0217	< Stated Limit		03/07/01	EN
	Hexachlorethane	0 0871	< Stated Limit		03/07/01	EN
	Hexachlorobenzene	0 108	< Stated Limit		03/07/01	EN
	Hexachlorobutadiene	0.0871	< Stated Limit		03/07/01	EN
	Hexachlorocyclopentadienes	0.0871	< Stated Limit		03/07/01	EN
	Indeno[1,2,3-cd]pyrene	0 0433	< Stated Limit		03/07/01	EN
	Isophorone	0 0871	< Stated Limit		03/07/01	EN
	Naphthalene	0 0108	< Stated Limit		03/07/01	EN
	Nitrobenzene	0.0871	< Stated Limit		03/07/01	EN
	n-Nitroso-di-n-propylamine	0.0871	< Stated Limit		03/07/01	EN
	n-Nitrsodiphenylamine	0 0871	< Stated Limit		03/07/01	EN
	Pentachlorophenol	0.108	< Stated Limit		03/07/01	EN
	Phenanthrene	0 0108	< Stated Limit		03/07/01	EN
	Phenol	0.0871	< Stated Limit		03/07/01	EN
	Pyrene	0 0108	< Stated Limit		03/07/01	EN

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B12 AG01525 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	18.6	%	03/09/01	CC
SW846 7060A	Arsenic	0.0614	19.9	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.683	57.1	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00614	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00983	15.0	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0246	29.2	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0491	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.398	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.344	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0321	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0205	< Stated Limit		03/09/01	EQ
	Anthracene	0.00083	0.0021		03/09/01	EQ
	Benzo (a) anthracene	0.00196	0.0133		03/09/01	EQ
	Benzo (a) pyrene	0.00181	0.0128		03/09/01	EQ
	Benzo (b) fluoranthene	0.000702	0.0154		03/09/01	EQ
	Benzo (ghi) perylene	0.00152	0.0104		03/09/01	EQ
	Benzo (k) fluoranthene	0.000465	0.0076		03/09/01	EQ
	Chrysene	0.000996	0.0172		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00607	0.0068		03/09/01	EQ
	Fluoranthene	0.00131	0.0270		03/09/01	EQ
	Fluorene	0.0112	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000542	0.0052		03/09/01	EQ
	Naphthalene	0.00863	0.0106		03/09/01	EQ
	Phenanthrene	0.00123	0.0226		03/09/01	EQ
	Pyrene	0.00349	0.0153		03/09/01	EQ

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B13 AG01526 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	17.6	%	03/09/01	CC
SW846 7060A	Arsenic	0.0607	10.8	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.675	35.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00607	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00971	14.4	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0243	16.1	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0485	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.483	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.340	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0317	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0203	< Stated Limit		03/09/01	EQ
	Anthracene	0.00082	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0.00194	< Stated Limit		03/09/01	EQ
	Benzo (a) pyrene	0.00178	0.0022		03/09/01	EQ
	Benzo (b) fluoranthene	0.000694	0.0019		03/09/01	EQ
	Benzo (ghi) perylene	0.0015	< Stated Limit		03/09/01	EQ
	Benzo (k) fluoranthene	0.00046	0.0005		03/09/01	EQ
	Chrysene	0.000984	0.0012		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00599	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.0013	0.0018		03/09/01	EQ
	Fluorene	0.0111	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000535	< Stated Limit		03/09/01	EQ
	Naphthalene	0.00853	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00121	0.0024		03/09/01	EQ
	Pyrene	0.00344	< Stated Limit		03/09/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/02/01	---	03/06/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/09/01	JR
	1,1,1,2-Tetrachloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,1,1-Trichloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,1,2,2-Tetrachloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,1,2-Trichloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,1-Dichloro-1-propene	0.00322	< Stated Limit		03/09/01	JR
	1,1-Dichloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,1-Dichloroethene	0.00322	< Stated Limit		03/09/01	JR

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B13 AG01526 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,2,3-Trichlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	1,2,3-Trichloropropane	0.00322	< Stated Limit		03/09/01	JR
	1,2,4-Trichlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	1,2,4-Trimethylbenzene	0.00322	< Stated Limit		03/09/01	JR
	1,2-Dibromo-3-chloropropane	0.00322	< Stated Limit		03/09/01	JR
	1,2-Dibromoethane	0.00322	< Stated Limit		03/09/01	JR
	1,2-Dichlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	1,2-Dichloroethane	0.00322	< Stated Limit		03/09/01	JR
	1,2-Dichloropropane	0.00322	< Stated Limit		03/09/01	JR
	1,3,5-Trimethylbenzene	0.00322	< Stated Limit		03/09/01	JR
	1,3-Dichlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	1,3-Dichloropropane	0.00322	< Stated Limit		03/09/01	JR
	1,4-Dichlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	2,2-Dichloropropane	0.00322	< Stated Limit		03/09/01	JR
	2-Butanone (MEK)	0.00645	< Stated Limit		03/09/01	JR
	2-Chlorotoluene	0.00322	< Stated Limit		03/09/01	JR
	2-Hexanone	0.00645	< Stated Limit		03/09/01	JR
	4-Chlorotoluene	0.00322	< Stated Limit		03/09/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.00645	< Stated Limit		03/09/01	JR
	Acetone	0.00645	0.028		03/09/01	JR
	Benzene	0.00322	< Stated Limit		03/09/01	JR
	Bromobenzene	0.00322	< Stated Limit		03/09/01	JR
	Bromochloromethane	0.00322	< Stated Limit		03/09/01	JR
	Bromodichloromethane	0.00322	< Stated Limit		03/09/01	JR
	Bromoform	0.00322	< Stated Limit		03/09/01	JR
	Bromomethane	0.00322	< Stated Limit		03/09/01	JR
	Carbon disulfide	0.00645	< Stated Limit		03/09/01	JR
	Carbon tetrachloride	0.00322	< Stated Limit		03/09/01	JR
	Chlorobenzene	0.00322	< Stated Limit		03/09/01	JR
	Chlorodibromomethane	0.00322	< Stated Limit		03/09/01	JR
	Chloroethane	0.00322	< Stated Limit		03/09/01	JR
	Chloroform	0.00322	< Stated Limit		03/09/01	JR
	Chloromethane	0.00322	< Stated Limit		03/09/01	JR
	cis-1,2-Dichloroethene	0.00322	< Stated Limit		03/09/01	JR
	cis-1,3-Dichloropropene	0.00322	< Stated Limit		03/09/01	JR
	Dibromomethane	0.00322	< Stated Limit		03/09/01	JR
	Dichlorodifluoromethane	0.00322	< Stated Limit		03/09/01	JR
	Ethylbenzene	0.00322	< Stated Limit		03/09/01	JR
	Hexachlorobutadiene	0.00322	< Stated Limit		03/09/01	JR
	Isopropylbenzene (Cumene)	0.00322	< Stated Limit		03/09/01	JR
	m,p,-Xylenes	0.00645	< Stated Limit		03/09/01	JR

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Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B13			
Lab Number			AG01526			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Methylene chloride	0.00774	< Stated Limit		03/09/01	JR
	Naphthalene	0.00322	< Stated Limit		03/09/01	JR
	n-Butylbenzene	0.00322	< Stated Limit		03/09/01	JR
	o-Xylene	0.00322	< Stated Limit		03/09/01	JR
	p-Isopropyltoluene (Cymene)	0.00322	< Stated Limit		03/09/01	JR
	Propylbenzene	0.00322	< Stated Limit		03/09/01	JR
	sec-Butylbenzene	0.00322	< Stated Limit		03/09/01	JR
	Styrene	0.00322	< Stated Limit		03/09/01	JR
	tert-Butylbenzene	0.00322	< Stated Limit		03/09/01	JR
	Tetrachloroethene	0.00322	< Stated Limit		03/09/01	JR
	Toluene	0.00322	< Stated Limit		03/09/01	JR
	trans-1,2-Dichloroethene	0.00322	< Stated Limit		03/09/01	JR
	trans-1,3-Dichloropropene	0.00322	< Stated Limit		03/09/01	JR
	Trichloroethene	0.00322	< Stated Limit		03/09/01	JR
	Trichlorofluoromethane	0.00322	< Stated Limit		03/09/01	JR
	Vinyl chloride	0.00322	< Stated Limit		03/09/01	JR

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc.

Arminta P. Priddy
Laboratory Director

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B14 AG01527 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	25.3	%	03/09/01	CC
SW846 7060A	Arsenic	0.0669	9.99	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.744	39.6	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00669	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01071	15.4	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0268	40.7	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0535	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.533	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.375	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0347	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0222	< Stated Limit		03/09/01	EQ
	Anthracene	0.000899	0.0014		03/09/01	EQ
	Benzo (a) anthracene	0.00213	0.0055		03/09/01	EQ
	Benzo (a) pyrene	0.00196	0.0035		03/09/01	EQ
	Benzo (b) fluoranthene	0.000761	0.0073		03/09/01	EQ
	Benzo (ghi) perylene	0.00165	0.0045		03/09/01	EQ
	Benzo (k) fluoranthene	0.000504	0.0038		03/09/01	EQ
	Chrysene	0.00108	0.0066		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00657	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.00142	0.0111		03/09/01	EQ
	Fluorene	0.0122	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000587	0.0041		03/09/01	EQ
	Naphthalene	0.00935	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00133	0.0080		03/09/01	EQ
	Pyrene	0.00378	< Stated Limit		03/09/01	EQ

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc

Arminta P. Priddy
Laboratory Director

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Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B15 AG01528 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	14.3	%	03/09/01	CC
SW846 7060A	Arsenic	0.0598	4.34	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.649	16.4	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00583	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00933	7.25	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0233	25.6	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0467	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.476	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.327	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Acenaphthene	0.0304	< Stated Limit		03/09/01	EQ
	Acenaphthylene	0.0195	< Stated Limit		03/09/01	EQ
	Anthracene	0.000788	0.0015		03/09/01	EQ
	Benzo (a) anthracene	0.00187	0.0189		03/09/01	EQ
	Benzo (a) pyrene	0.00171	0.0213		03/09/01	EQ
	Benzo (b) fluoranthene	0.000667	0.0221		03/09/01	EQ
	Benzo (ghi) perylene	0.00145	0.0159		03/09/01	EQ
	Benzo (k) fluoranthene	0.000442	0.0114		03/09/01	EQ
	Chrysene	0.000946	0.0238		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00576	0.0136		03/09/01	EQ
	Fluoranthene	0.00125	0.0401		03/09/01	EQ
	Fluorene	0.0107	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000514	0.0076		03/09/01	EQ
	Naphthalene	0.0082	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00117	0.0268		03/09/01	EQ
	Pyrene	0.00331	0.0328		03/09/01	EQ

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B16 AG01529 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B.	% Moisture	0.1	18.8	%	03/09/01	CC
SW846 7060A	Arsenic	0.0616	20.0	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.685	43.8	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00616	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.00985	16.9	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0246	26.4	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0493	0.506	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.490	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.345	< Stated Limit	mg/kg	03/10/01	BDP
-846 3550B	SONICATION PREP-PNA	---	03/07/01	---	03/07/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/09/01	EQ
	Anthracene	0.000832	0.0058		03/09/01	EQ
	Pyrene	0.0035	< Stated Limit		03/09/01	EQ
	Phenanthrene	0.00123	0.0041		03/09/01	EQ
	Benzo (a) pyrene	0.00181	0.0037		03/09/01	EQ
	Benzo (b) fluoranthene	0.000704	0.0032		03/09/01	EQ
	Benzo (k) fluoranthene	0.000467	0.0016		03/09/01	EQ
	Chrysene	0.000998	0.0030		03/09/01	EQ
	Dibenzo (a,h) anthracene	0.00608	< Stated Limit		03/09/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000543	< Stated Limit		03/09/01	EQ
	Benzo (ghi) perylene	0.00153	0.0030		03/09/01	EQ
	Acenaphthylene	0.0206	< Stated Limit		03/09/01	EQ
	Benzo (a) anthracene	0.00197	0.0021		03/09/01	EQ
	Fluorene	0.0113	< Stated Limit		03/09/01	EQ
	Fluoranthene	0.00132	0.0041		03/09/01	EQ
	Acenaphthene	0.0321	< Stated Limit		03/09/01	EQ
	Naphthalene	0.00865	< Stated Limit		03/09/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/02/01	---	03/06/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/09/01	JR
	1,1,1,2-Tetrachloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,1,1-Trichloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,1,2,2-Tetrachloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,1,2-Trichloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,1-Dichloro-1-propene	0.00343	< Stated Limit		03/09/01	JR
	1,1-Dichloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,1-Dichloroethene	0.00343	< Stated Limit		03/09/01	JR

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B16 AG01529 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,2,3-Trichlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	1,2,3-Trichloropropane	0.00343	< Stated Limit		03/09/01	JR
	1,2,4-Trichlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	1,2,4-Trimethylbenzene	0.00343	< Stated Limit		03/09/01	JR
	1,2-Dibromo-3-chloropropane	0.00343	< Stated Limit		03/09/01	JR
	1,2-Dibromoethane	0.00343	< Stated Limit		03/09/01	JR
	1,2-Dichlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	1,2-Dichloroethane	0.00343	< Stated Limit		03/09/01	JR
	1,2-Dichloropropane	0.00343	< Stated Limit		03/09/01	JR
	1,3,5-Trimethylbenzene	0.00343	< Stated Limit		03/09/01	JR
	1,3-Dichlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	1,3-Dichloropropane	0.00343	< Stated Limit		03/09/01	JR
	1,4-Dichlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	2,2-Dichloropropane	0.00343	< Stated Limit		03/09/01	JR
	2-Butanone (MEK)	0.00685	< Stated Limit		03/09/01	JR
	2-Chlorotoluene	0.00343	< Stated Limit		03/09/01	JR
	2-Hexanone	0.00685	< Stated Limit		03/09/01	JR
	4-Chlorotoluene	0.00343	< Stated Limit		03/09/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.00685	< Stated Limit		03/09/01	JR
	Acetone	0.00685	0.032		03/09/01	JR
	Benzene	0.00343	< Stated Limit		03/09/01	JR
	Bromobenzene	0.00343	< Stated Limit		03/09/01	JR
	Bromochloromethane	0.00343	< Stated Limit		03/09/01	JR
	Bromodichloromethane	0.00343	< Stated Limit		03/09/01	JR
	Bromoform	0.00343	< Stated Limit		03/09/01	JR
	Bromomethane	0.00343	< Stated Limit		03/09/01	JR
	Carbon disulfide	0.00685	< Stated Limit		03/09/01	JR
	Carbon tetrachloride	0.00343	< Stated Limit		03/09/01	JR
	Chlorobenzene	0.00343	< Stated Limit		03/09/01	JR
	Chlorodibromomethane	0.00343	< Stated Limit		03/09/01	JR
	Chloroethane	0.00343	< Stated Limit		03/09/01	JR
	Chloroform	0.00343	< Stated Limit		03/09/01	JR
	Chloromethane	0.00343	< Stated Limit		03/09/01	JR
	cis-1,2-Dichloroethene	0.00343	< Stated Limit		03/09/01	JR
	cis-1,3-Dichloropropene	0.00343	< Stated Limit		03/09/01	JR
	Dibromomethane	0.00343	< Stated Limit		03/09/01	JR
	Dichlorodifluoromethane	0.00343	< Stated Limit		03/09/01	JR
	Ethylbenzene	0.00343	< Stated Limit		03/09/01	JR
	Hexachlorobutadiene	0.00343	< Stated Limit		03/09/01	JR
	Isopropylbenzene (Cumene)	0.00343	< Stated Limit		03/09/01	JR
	m,p,-Xylenes	0.00685	< Stated Limit		03/09/01	JR

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B17 AG01530 1-3' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	20.0	%	03/09/01	CC
SW846 7060A	Arsenic	0.0625	12.75	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.695	45.0	mg/kg	03/10/01	BDP
SW-846 6010B	Cadmium	0.00625	2.11	mg/kg	03/10/01	BDP
SW-846 6010B	Chromium	0.01000	16.2	mg/kg	03/10/01	BDP
SW-846 6010B	Lead	0.0250	46.4	mg/kg	03/10/01	BDP
SW-846 7471	Mercury	0.0500	< Stated Limit	mg/kg	03/09/01	CC
SW-846 6010B	Selenium	0.498	< Stated Limit	mg/kg	03/13/01	BDP
SW-846 6010B	Silver	0.350	< Stated Limit	mg/kg	03/10/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/14/01	---	03/14/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0326	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0209	< Stated Limit		03/16/01	EQ
	Anthracene	0.000845	0.0115		03/16/01	EQ
	Benzo (a) anthracene	0.002	0.0327		03/16/01	EQ
	Benzo (a) pyrene	0.00184	0.0397		03/16/01	EQ
	Benzo (b) fluoranthene	0.000715	0.0384		03/16/01	EQ
	Benzo (ghi) perylene	0.00155	0.0334		03/16/01	EQ
	Benzo (k) fluoranthene	0.000474	0.0203		03/16/01	EQ
	Chrysene	0.00101	0.0404		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00618	0.0175		03/16/01	EQ
	Fluoranthene	0.00134	0.0675		03/16/01	EQ
	Fluorene	0.0114	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000551	0.0128		03/16/01	EQ
	Naphthalene	0.00879	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00125	0.0425		03/16/01	EQ
	Pyrene	0.00355	0.0650		03/16/01	EQ
SW-846 3550B	SONICATION PREP-BNA	---	03/06/01	---	03/06/01	OE
SW-846 8270C	**Semi-Volatiles by 8270**	---	---	mg/kg	03/07/01	EN
	1,2,4-Trichlorobenzene	0.0838	< Stated Limit		03/07/01	EN
	1,2-Dichlorobenzene	0.0838	< Stated Limit		03/07/01	EN
	1,3-Dichlorobenzene	0.0838	< Stated Limit		03/07/01	EN
	1,4-Dichlorobenzene	0.0838	< Stated Limit		03/07/01	EN
	2,4,5-Tichlorophenol	0.125	< Stated Limit		03/07/01	EN
	2,4,6-Trichlorophenol	0.125	< Stated Limit		03/07/01	EN
	2,4-Dichlorophenol	0.125	< Stated Limit		03/07/01	EN

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
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ANALYTICAL REPORT

Field ID			PBS-B16			
Lab Number			AG01529			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Methylene chloride	0.00822	< Stated Limit		03/09/01	JR
	Naphthalene	0.00343	< Stated Limit		03/09/01	JR
	n-Butylbenzene	0.00343	< Stated Limit		03/09/01	JR
	o-Xylene	0.00343	< Stated Limit		03/09/01	JR
	p-Isopropyltoluene (Cymene)	0.00343	< Stated Limit		03/09/01	JR
	Propylbenzene	0.00343	< Stated Limit		03/09/01	JR
	sec-Butylbenzene	0.00343	< Stated Limit		03/09/01	JR
	Styrene	0.00343	< Stated Limit		03/09/01	JR
	tert-Butylbenzene	0.00343	< Stated Limit		03/09/01	JR
	Tetrachloroethene	0.00343	< Stated Limit		03/09/01	JR
	Toluene	0.00343	< Stated Limit		03/09/01	JR
	trans-1,2-Dichloroethene	0.00343	< Stated Limit		03/09/01	JR
	trans-1,3-Dichloropropene	0.00343	< Stated Limit		03/09/01	JR
	Trichloroethene	0.00343	< Stated Limit		03/09/01	JR
	Trichlorofluoromethane	0.00343	< Stated Limit		03/09/01	JR
	Vinyl chloride	0.00343	< Stated Limit		03/09/01	JR

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc.

Arminta P Priddy
Laboratory Director

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333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B17			
Lab Number			AG01530			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	2,4-Dimethylphenol	0.0838	< Stated Limit		03/07/01	EN
	2,4-Dinitrophenol	0.0838	< Stated Limit		03/07/01	EN
	2,4-Dinitrotoluene	0.0838	< Stated Limit		03/07/01	EN
	2,6-Dinitrotoluene	0.0838	< Stated Limit		03/07/01	EN
	2-Chloronaphthalene	0.0838	< Stated Limit		03/07/01	EN
	2-Chlorophenol	0.125	< Stated Limit		03/07/01	EN
	2-Methylnaphthalene	0.0838	< Stated Limit		03/07/01	EN
	2-methylphenol	0.0838	< Stated Limit		03/07/01	EN
	2-Nitroaniline	0.0838	< Stated Limit		03/07/01	EN
	2-Nitrophenol	0.104	< Stated Limit		03/07/01	EN
	3,3-Dichlorobenzidine	0.0838	< Stated Limit		03/07/01	EN
	3-Nitroaniline	0.0838	< Stated Limit		03/07/01	EN
	4,6-Dinitro-2-methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Bromophenyl-phenylether	0.0838	< Stated Limit		03/07/01	EN
	4-Chloro-3-methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Chloroaniline	0.0838	< Stated Limit		03/07/01	EN
	4-Chlorophenyl-phenylether	0.0838	< Stated Limit		03/07/01	EN
	4-Methylphenol	0.0838	< Stated Limit		03/07/01	EN
	4-Nitroaniline	0.0838	< Stated Limit		03/07/01	EN
	4-Nitrophenol	0.0838	< Stated Limit		03/07/01	EN
	Acenaphthene	0.0104	< Stated Limit		03/07/01	EN
	Acenaphthylene	0.0209	< Stated Limit		03/07/01	EN
	Anthracene	0.0104	< Stated Limit		03/07/01	EN
	Benzo[a]anthracene	0.0104	0.0164		03/07/01	EN
	Benzo[a]pyrene	0.0209	< Stated Limit		03/07/01	EN
	Benzo[b]fluoranthene	0.0104	0.0129		03/07/01	EN
	Benzo[g,h,i]perylene	0.0416	< Stated Limit		03/07/01	EN
	Benzo[k]fluoranthene	0.0416	< Stated Limit		03/07/01	EN
	Benzoic Acid	2.00	< Stated Limit		03/07/01	EN
	Benzyl alcohol	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroethoxy) methane	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroethyl) ether	0.0838	< Stated Limit		03/07/01	EN
	bis (2-Chloroisopropyl) ether	0.0838	< Stated Limit		03/07/01	EN
	bis(2-Ethylhexyl)phthalate	0.0838	< Stated Limit		03/07/01	EN
	Butylbenzylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Chrysene	0.0104	0.0178		03/07/01	EN
	Dibenz[a,h]anthracene	0.0416	< Stated Limit		03/07/01	EN
	Dibenzofuran	0.0838	< Stated Limit		03/07/01	EN
	Diethylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Dimethylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Di-n-butylphthalate	0.125	< Stated Limit		03/07/01	EN

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B17			
Lab Number			AG01530			
Description			1-3'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Di-n-octylphthalate	0.0838	< Stated Limit		03/07/01	EN
	Fluoranthene	0.0104	0.0323		03/07/01	EN
	Fluorene	0.0209	< Stated Limit		03/07/01	EN
	Hexachlorethane	0.0838	< Stated Limit		03/07/01	EN
	Hexachlorobenzene	0.104	< Stated Limit		03/07/01	EN
	Hexachlorobutadiene	0.0838	< Stated Limit		03/07/01	EN
	Hexachlorocyclopentadienes	0.0838	< Stated Limit		03/07/01	EN
	Indeno[1,2,3-cd]pyrene	0.0416	< Stated Limit		03/07/01	EN
	Isophorone	0.0838	< Stated Limit		03/07/01	EN
	Naphthalene	0.0104	< Stated Limit		03/07/01	EN
	Nitrobenzene	0.0838	< Stated Limit		03/07/01	EN
	n-Nitroso-di-n-propylamine	0.0838	< Stated Limit		03/07/01	EN
	n-Nitrsodiphenylamine	0.0838	< Stated Limit		03/07/01	EN
	Pentachlorophenol	0.104	< Stated Limit		03/07/01	EN
	Phenanthrene	0.0104	0.014		03/07/01	EN
	Phenol	0.0838	< Stated Limit		03/07/01	EN
	Pyrene	0.0104	0.0253		03/07/01	EN

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc.

Arminta P Priddy
Laboratory Director

LABORATORY DATA REPORT

CLIENT

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218

PROJECT NAME	:	Proposed Boone School
NUMBER#	:	13061-E8017
TASK ORDER	:	NA
ATTN	:	Kelli McDonald
RECEIVED	:	03/02/01
REPORTED	:	03/20/01
FILE ID#	:	AG01531 THRU AG01563

PROJECT SUMMARY:

Analyses were performed in accordance with the methods found in the USEPA publication: Test Methods for Evaluating Solid Waste, Physical/Chemical methods, SW- 846, 3rd Edition, December 1996. Specific method references are listed on the analytical report.

Results have been expressed on a "wet" weight (as received) basis except where otherwise specified

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods have been met.

LABORATORY DIRECTOR_____

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Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B2 AG01533 6-8' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	19.6	%	03/15/01	CC
SW846 7060A	Arsenic	0.0622	17.8	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.692	26.0	mg/kg	03/16/01	BDP
SW-846 6010B	Cadmium	0.00622	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Chromium	0.00995	15.5	mg/kg	03/16/01	BDP
SW-846 6010B	Lead	0.0249	16.3	mg/kg	03/16/01	BDP
SW-846 7471	Mercury	0.0498	< Stated Limit	mg/kg	03/16/01	CC
SW-846 6010B	Selenium	0.495	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Silver	0.348	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0324	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0208	< Stated Limit		03/16/01	EQ
	Anthracene	0.00084	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00199	0.0020		03/16/01	EQ
	Benzo (a) pyrene	0.00183	0.0040		03/16/01	EQ
	Benzo (b) fluoranthene	0.000711	0.0037		03/16/01	EQ
	Benzo (ghi) perylene	0.00154	0.0026		03/16/01	EQ
	Benzo (k) fluoranthene	0.000471	0.0019		03/16/01	EQ
	Chrysene	0.00101	0.0036		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00614	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00133	0.0034		03/16/01	EQ
	Fluorene	0.0114	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000548	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00874	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00124	0.0025		03/16/01	EQ
	Pyrene	0.00353	< Stated Limit		03/16/01	EQ

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc.

Arminta P Priddy
Laboratory Director

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Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B3 AG01534 4-6' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	8.98	%	03/15/01	CC
SW846 7060A	Arsenic	0.0549	8.39	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.611	21.8	mg/kg	03/16/01	BDP
SW-846 6010B	Cadmium	0.00549	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Chromium	0.00879	8.03	mg/kg	03/16/01	BDP
SW-846 6010B	Lead	0.0220	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 7471	Mercury	0.0439	< Stated Limit	mg/kg	03/16/01	CC
SW-846 6010B	Selenium	0.437	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Silver	0.308	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	03/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0287	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0183	< Stated Limit		03/16/01	EQ
	Anthracene	0.000742	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00176	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00161	0.0023		03/16/01	EQ
	Benzo (b) fluoranthene	0.000628	0.0027		03/16/01	EQ
	Benzo (ghi) perylene	0.00136	0.0023		03/16/01	EQ
	Benzo (k) fluoranthene	0.000416	0.0016		03/16/01	EQ
	Chrysene	0.00089	0.0026		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00542	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00117	0.0013		03/16/01	EQ
	Fluorene	0.010	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000484	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00772	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.0011	< Stated Limit		03/16/01	EQ
	Pyrene	0.00312	< Stated Limit		03/16/01	EQ

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc

Arminta P. Priddy
Laboratory Director

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Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B7			
Lab Number			AG01542			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0323	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0206	< Stated Limit		03/16/01	EQ
	Anthracene	0.000836	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00198	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00182	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000707	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00153	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000468	< Stated Limit		03/16/01	EQ
	Chrysene	0.001	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00611	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00132	< Stated Limit		03/16/01	EQ
	Fluorene	0.0113	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000545	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00869	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00124	< Stated Limit		03/16/01	EQ
	Pyrene	0.00351	< Stated Limit		03/16/01	EQ
SW-846 8021B	**BTEX by 8021B**	---	---	mg/kg	03/14/01	AS
	Benzene	0.00285	< Stated Limit		03/14/01	AS
	Ethyl Benzene	0.00285	< Stated Limit		03/14/01	AS
	Toluene	0.00285	< Stated Limit		03/14/01	AS
	Meta & Para Xylene	0.0057	< Stated Limit		03/14/01	AS
	Ortho Xylene	0.00285	< Stated Limit		03/14/01	AS
SW-846 5035	BTEX Prep by 5035	---	03/01/01	---	03/13/01	AS
SM 2540 B	% Moisture	0.1	19.1	%	03/15/01	CC

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc.

Arminta P. Priddy
Laboratory Director

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B8 AG01544 8-10' Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0326	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0208	< Stated Limit		03/16/01	EQ
	Anthracene	0.000844	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.002	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00183	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000714	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00155	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000473	< Stated Limit		03/16/01	EQ
	Chrysene	0.00101	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00617	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00134	< Stated Limit		03/16/01	EQ
	Fluorene	0.0114	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.00055	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00877	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00125	< Stated Limit		03/16/01	EQ
	Pyrene	0.00354	< Stated Limit		03/16/01	EQ
SW-846 8021B	**BTEX by 8021B**	---	---	mg/kg	03/14/01	AS
	Benzene	0.0031	< Stated Limit		03/14/01	AS
	Ethyl Benzene	0.0031	< Stated Limit		03/14/01	AS
	Toluene	0.0031	< Stated Limit		03/14/01	AS
	Meta & Para Xylene	0.0062	< Stated Limit		03/14/01	AS
	Ortho Xylene	0.0031	< Stated Limit		03/14/01	AS
SW-846 5035	BTEX Prep by 5035	---	03/01/01	---	03/13/01	AS
SM 2540 B	% Moisture	0.1	19.9	%	03/15/01	CC

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc.

Arminta P. Priddy
Laboratory Director

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Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B9 AG01546 6-8' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	19.9	%	03/15/01	CC
SW846 7060A	Arsenic	0.0624	13.7	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.694	62.4	mg/kg	03/16/01	BDP
SW-846 6010B	Cadmium	0.00624	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Chromium	0.00999	16.7	mg/kg	03/16/01	BDP
SW-846 6010B	Lead	0.0250	17.8	mg/kg	03/16/01	BDP
SW-846 7471	Mercury	0.0499	< Stated Limit	mg/kg	03/16/01	CC
SW-846 6010B	Selenium	0.497	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Silver	0.350	16.2	mg/kg	03/16/01	BDP
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0326	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0208	< Stated Limit		03/16/01	EQ
	Anthracene	0.000844	0.0050		03/16/01	EQ
	Benzo (a) anthracene	0.002	0.0091		03/16/01	EQ
	Benzo (a) pyrene	0.00183	0.0062		03/16/01	EQ
	Benzo (b) fluoranthene	0.000714	0.0089		03/16/01	EQ
	Benzo (ghi) perylene	0.00155	0.0067		03/16/01	EQ
	Benzo (k) fluoranthene	0.000473	0.0050		03/16/01	EQ
	Chrysene	0.00101	0.0093		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00617	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00134	0.0161		03/16/01	EQ
	Fluorene	0.0114	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.00055	0.0029		03/16/01	EQ
	Naphthalene	0.00877	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00125	0.0163		03/16/01	EQ
	Pyrene	0.00354	0.0048		03/16/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/01/01	---	03/14/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/15/01	JR
	1,1,1,2-Tetrachloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,1,1-Trichloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,1,2,2-Tetrachloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,1,2-Trichloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,1-Dichloro-1-propene	0.00423	< Stated Limit		03/15/01	JR
	1,1-Dichloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,1-Dichloroethene	0.00423	< Stated Limit		03/15/01	JR

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B9 AG01546 6-8' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,2,3-Trichlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	1,2,3-Trichloropropane	0.00423	< Stated Limit		03/15/01	JR
	1,2,4-Trichlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	1,2,4-Trimethylbenzene	0.00423	< Stated Limit		03/15/01	JR
	1,2-Dibromo-3-chloropropane	0.00423	< Stated Limit		03/15/01	JR
	1,2-Dibromoethane	0.00423	< Stated Limit		03/15/01	JR
	1,2-Dichlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	1,2-Dichloroethane	0.00423	< Stated Limit		03/15/01	JR
	1,2-Dichloropropane	0.00423	< Stated Limit		03/15/01	JR
	1,3,5-Trimethylbenzene	0.00423	< Stated Limit		03/15/01	JR
	1,3-Dichlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	1,3-Dichloropropane	0.00423	< Stated Limit		03/15/01	JR
	1,4-Dichlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	2,2-Dichloropropane	0.00423	< Stated Limit		03/15/01	JR
	2-Butanone (MEK)	0.00845	< Stated Limit		03/15/01	JR
	2-Chlorotoluene	0.00423	< Stated Limit		03/15/01	JR
	2-Hexanone	0.00845	< Stated Limit		03/15/01	JR
	4-Chlorotoluene	0.00423	< Stated Limit		03/15/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.00845	< Stated Limit		03/15/01	JR
	Acetone	0.00845	0.037		03/15/01	JR
	Benzene	0.00423	< Stated Limit		03/15/01	JR
	Bromobenzene	0.00423	< Stated Limit		03/15/01	JR
	Bromochloromethane	0.00423	< Stated Limit		03/15/01	JR
	Bromodichloromethane	0.00423	< Stated Limit		03/15/01	JR
	Bromoform	0.00423	< Stated Limit		03/15/01	JR
	Bromomethane	0.00423	< Stated Limit		03/15/01	JR
	Carbon disulfide	0.00845	< Stated Limit		03/15/01	JR
	Carbon tetrachloride	0.00423	< Stated Limit		03/15/01	JR
	Chlorobenzene	0.00423	< Stated Limit		03/15/01	JR
	Chlorodibromomethane	0.00423	< Stated Limit		03/15/01	JR
	Chloroethane	0.00423	< Stated Limit		03/15/01	JR
	Chloroform	0.00423	< Stated Limit		03/15/01	JR
	Chloromethane	0.00423	< Stated Limit		03/15/01	JR
	cis-1,2-Dichloroethene	0.00423	< Stated Limit		03/15/01	JR
	cis-1,3-Dichloropropene	0.00423	< Stated Limit		03/15/01	JR
	Dibromomethane	0.00423	< Stated Limit		03/15/01	JR
	Dichlorodifluoromethane	0.00423	< Stated Limit		03/15/01	JR
	Ethylbenzene	0.00423	< Stated Limit		03/15/01	JR
	Hexachlorobutadiene	0.00423	< Stated Limit		03/15/01	JR
	Isopropylbenzene (Cumene)	0.00423	< Stated Limit		03/15/01	JR
	m,p,-Xylenes	0.00845	< Stated Limit		03/15/01	JR

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Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

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ANALYTICAL REPORT

Field ID			PBS-B9			
Lab Number			AG01546			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Methylene chloride	0.00423	< Stated Limit		03/15/01	JR
	Naphthalene	0.00423	< Stated Limit		03/15/01	JR
	n-Butylbenzene	0.00423	< Stated Limit		03/15/01	JR
	o-Xylene	0.00423	< Stated Limit		03/15/01	JR
	p-Isopropyltoluene (Cymene)	0.00423	< Stated Limit		03/15/01	JR
	Propylbenzene	0.00423	< Stated Limit		03/15/01	JR
	sec-Butylbenzene	0.00423	< Stated Limit		03/15/01	JR
	Styrene	0.00423	< Stated Limit		03/15/01	JR
	tert-Butylbenzene	0.00423	< Stated Limit		03/15/01	JR
	Tetrachloroethene	0.00423	< Stated Limit		03/15/01	JR
	Toluene	0.00423	< Stated Limit		03/15/01	JR
	trans-1,2-Dichloroethene	0.00423	< Stated Limit		03/15/01	JR
	trans-1,3-Dichloropropene	0.00423	< Stated Limit		03/15/01	JR
	Trichloroethene	0.00423	< Stated Limit		03/15/01	JR
	Trichlorofluoromethane	0.00423	< Stated Limit		03/15/01	JR
	Vinyl chloride	0.00423	< Stated Limit		03/15/01	JR

Analytes reported on dry weight basis except for Moisture.
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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
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ANALYTICAL REPORT

Field ID			PBS-B10			
Lab Number			AG01548			
Description			8-10'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0333	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0213	< Stated Limit		03/16/01	EQ
	Anthracene	0.000862	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00204	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00187	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000729	0.0012		03/16/01	EQ
	Benzo (ghi) perylene	0.00158	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000483	0.0005		03/16/01	EQ
	Chrysene	0.00103	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.0063	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00136	< Stated Limit		03/16/01	EQ
	Fluorene	0.0117	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000562	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00896	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00127	0.0018		03/16/01	EQ
	Pyrene	0.00362	< Stated Limit		03/16/01	EQ
SM 2540 B	% Moisture	0.1	21.6	%	03/15/01	CC

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
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ANALYTICAL REPORT

Field ID			PBS-B13			
Lab Number			AG01554			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0332	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0212	< Stated Limit		03/16/01	EQ
	Anthracene	0.00086	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00204	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00187	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000728	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00158	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000482	< Stated Limit		03/16/01	EQ
	Chrysene	0.00103	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00628	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00136	< Stated Limit		03/16/01	EQ
	Fluorene	0.0116	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000561	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00894	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00127	< Stated Limit		03/16/01	EQ
	Pyrene	0.00361	< Stated Limit		03/16/01	EQ
SM 2540 B	% Moisture	0.1	21.4	%	03/15/01	CC

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
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ANALYTICAL REPORT

Field ID			PBS-B14			
Lab Number			AG01556			
Description			8-10'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0 0333	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0 0213	< Stated Limit		03/16/01	EQ
	Anthracene	0.000862	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00204	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0 00187	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000729	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00158	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000483	< Stated Limit		03/16/01	EQ
	Chrysene	0 00103	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.0063	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00136	< Stated Limit		03/16/01	EQ
	Fluorene	0.0117	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0 000562	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00896	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00127	< Stated Limit		03/16/01	EQ
	Pyrene	0.00362	< Stated Limit		03/16/01	EQ
SM 2540 B	% Moisture	0.1	21.6	%	03/15/01	CC

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Sample Matrix: soil
Project Name: Proposed Boone School
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Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B15			
Lab Number			AG01558			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.034	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0218	< Stated Limit		03/16/01	EQ
	Anthracene	0.000881	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00208	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00192	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000745	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00162	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000494	< Stated Limit		03/16/01	EQ
	Chrysene	0.00106	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00644	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00139	< Stated Limit		03/16/01	EQ
	Fluorene	0.0119	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000575	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00916	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.0013	< Stated Limit		03/16/01	EQ
	Pyrene	0.0037	< Stated Limit		03/16/01	EQ
SM 2540 B	% Moisture	0.1	23.3	%	03/15/01	CC

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B16 AG01560 8-10' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	20.7	%	03/15/01	CC
SW846 7060A	Arsenic	0.0631	15.2	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.701	21.6	mg/kg	03/16/01	BDP
SW-846 6010B	Cadmium	0.00631	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Chromium	0.01009	16.4	mg/kg	03/16/01	BDP
SW-846 6010B	Lead	0.0252	16.5	mg/kg	03/16/01	BDP
SW-846 7471	Mercury	0.0504	< Stated Limit	mg/kg	03/16/01	CC
SW-846 6010B	Selenium	0.502	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Silver	0.353	< Stated Limit	mg/kg	03/16/01	BDP
.-846 3550B	SONICATION PREP-PEST	---	03/14/01	---	03/14/01	OE
SW-846 8081	**Pesticide/PCBs**	---	---	mg/kg	03/19/01	EN
	4,4'-DDD	0.0113	< Stated Limit		03/19/01	EN
	4,4'-DDE	0.0107	< Stated Limit		03/19/01	EN
	4,4'-DDT	0.00753	< Stated Limit		03/19/01	EN
	Aldrin	0.00397	< Stated Limit		03/19/01	EN
	alpha-BHC	0.0066	< Stated Limit		03/19/01	EN
	beta-BHC	0.00873	< Stated Limit		03/19/01	EN
	delta-BHC	0.00767	< Stated Limit		03/19/01	EN
	gamma-BHC (Lindane)	0.00643	< Stated Limit		03/19/01	EN
	a-Chlordane	0.00941	< Stated Limit		03/19/01	EN
	g-Chlordane	0.00824	< Stated Limit		03/19/01	EN
	Dieldrin	0.0115	< Stated Limit		03/19/01	EN
	Endosulfan I	0.00387	< Stated Limit		03/19/01	EN
	Endosulfan II	0.015	< Stated Limit		03/19/01	EN
	Endosulfan Sulfate	0.00927	< Stated Limit		03/19/01	EN
	Endrin	0.00717	< Stated Limit		03/19/01	EN
	Endrin Aldehyde	0.00946	< Stated Limit		03/19/01	EN
	Endrin Ketone	0.00762	< Stated Limit		03/19/01	EN
	Heptachlor	0.00403	< Stated Limit		03/19/01	EN
	Heptachlor Epoxide	0.00556	< Stated Limit		03/19/01	EN
	Methoxychlor	0.00454	< Stated Limit		03/19/01	EN
	Toxaphene	0.101	< Stated Limit		03/19/01	EN
SW-846 8082	Aroclor 1016	0.0873	< Stated Limit		03/19/01	EN
	Aroclor 1221	0.0873	< Stated Limit		03/19/01	EN
	Aroclor 1232	0.0634	< Stated Limit		03/19/01	EN
	Aroclor 1242	0.0873	< Stated Limit		03/19/01	EN
	Aroclor 1248	0.0949	< Stated Limit		03/19/01	EN

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B16 AG01560 8-10' Result (dry wt.)	Unit	Analysis Date	Analyst
	Aroclor 1254	0.0383	< Stated Limit		03/19/01	EN
	Aroclor 1260	0.0752	< Stated Limit		03/19/01	EN
SW-846 3550B	SONICATION PREP-PNA	---	3/13/01	---	03/13/01	EQ
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0329	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0211	< Stated Limit		03/16/01	EQ
	Anthracene	0.000852	< Stated Limit		03/16/01	EQ
	Benzo (a) anthracene	0.00202	< Stated Limit		03/16/01	EQ
	Benzo (a) pyrene	0.00185	< Stated Limit		03/16/01	EQ
	Benzo (b) fluoranthene	0.000721	< Stated Limit		03/16/01	EQ
	Benzo (ghi) perylene	0.00156	< Stated Limit		03/16/01	EQ
	Benzo (k) fluoranthene	0.000478	< Stated Limit		03/16/01	EQ
	Chrysene	0.00102	< Stated Limit		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00623	< Stated Limit		03/16/01	EQ
	Fluoranthene	0.00135	< Stated Limit		03/16/01	EQ
	Fluorene	0.0115	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000556	< Stated Limit		03/16/01	EQ
	Naphthalene	0.00886	< Stated Limit		03/16/01	EQ
	Phenanthrene	0.00126	< Stated Limit		03/16/01	EQ
	Pyrene	0.00358	< Stated Limit		03/16/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/01/01	---	03/14/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/15/01	JR
	1,1,1,2-Tetrachloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,1,1-Trichloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,1,2,2-Tetrachloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,1,2-Trichloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,1-Dichloro-1-propene	0.00343	< Stated Limit		03/15/01	JR
	1,1-Dichloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,1-Dichloroethene	0.00343	< Stated Limit		03/15/01	JR
	1,2,3-Trichlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	1,2,3-Trichloropropane	0.00343	< Stated Limit		03/15/01	JR
	1,2,4-Trichlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	1,2,4-Trimethylbenzene	0.00343	< Stated Limit		03/15/01	JR
	1,2-Dibromo-3-chloropropane	0.00343	< Stated Limit		03/15/01	JR
	1,2-Dibromoethane	0.00343	< Stated Limit		03/15/01	JR
	1,2-Dichlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	1,2-Dichloroethane	0.00343	< Stated Limit		03/15/01	JR
	1,2-Dichloropropane	0.00343	< Stated Limit		03/15/01	JR
	1,3,5-Trimethylbenzene	0.00343	< Stated Limit		03/15/01	JR

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ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B16 AG01560 8-10' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,3-Dichlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	1,3-Dichloropropane	0.00343	< Stated Limit		03/15/01	JR
	1,4-Dichlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	2,2-Dichloropropane	0.00343	< Stated Limit		03/15/01	JR
	2-Butanone (MEK)	0.00687	< Stated Limit		03/15/01	JR
	2-Chlorotoluene	0.00343	< Stated Limit		03/15/01	JR
	2-Hexanone	0.00687	< Stated Limit		03/15/01	JR
	4-Chlorotoluene	0.00343	< Stated Limit		03/15/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.00687	< Stated Limit		03/15/01	JR
	Acetone	0.00687	0.018		03/15/01	JR
	Benzene	0.00343	< Stated Limit		03/15/01	JR
	Bromobenzene	0.00343	< Stated Limit		03/15/01	JR
	Bromochloromethane	0.00343	< Stated Limit		03/15/01	JR
	Bromodichloromethane	0.00343	< Stated Limit		03/15/01	JR
	Bromoform	0.00343	< Stated Limit		03/15/01	JR
	Bromomethane	0.00343	< Stated Limit		03/15/01	JR
	Carbon disulfide	0.00687	< Stated Limit		03/15/01	JR
	Carbon tetrachloride	0.00343	< Stated Limit		03/15/01	JR
	Chlorobenzene	0.00343	< Stated Limit		03/15/01	JR
	Chlorodibromomethane	0.00343	< Stated Limit		03/15/01	JR
	Chloroethane	0.00343	< Stated Limit		03/15/01	JR
	Chloroform	0.00343	< Stated Limit		03/15/01	JR
	Chloromethane	0.00343	< Stated Limit		03/15/01	JR
	cis-1,2-Dichloroethene	0.00343	< Stated Limit		03/15/01	JR
	cis-1,3-Dichloropropene	0.00343	< Stated Limit		03/15/01	JR
	Dibromomethane	0.00343	< Stated Limit		03/15/01	JR
	Dichlorodifluoromethane	0.00343	< Stated Limit		03/15/01	JR
	Ethylbenzene	0.00343	< Stated Limit		03/15/01	JR
	Hexachlorobutadiene	0.00343	< Stated Limit		03/15/01	JR
	Isopropylbenzene (Cumene)	0.00343	< Stated Limit		03/15/01	JR
	m,p,-Xylenes	0.00687	< Stated Limit		03/15/01	JR
	Methylene chloride	0.00343	< Stated Limit		03/15/01	JR
	Naphthalene	0.00343	< Stated Limit		03/15/01	JR
	n-Butylbenzene	0.00343	< Stated Limit		03/15/01	JR
	o-Xylene	0.00343	< Stated Limit		03/15/01	JR
	p-Isopropyltoluene (Cymene)	0.00343	< Stated Limit		03/15/01	JR
	Propylbenzene	0.00343	< Stated Limit		03/15/01	JR
	sec-Butylbenzene	0.00343	< Stated Limit		03/15/01	JR
	Styrene	0.00343	< Stated Limit		03/15/01	JR
	tert-Butylbenzene	0.00343	< Stated Limit		03/15/01	JR
	Tetrachloroethene	0.00343	< Stated Limit		03/15/01	JR

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B16			
Lab Number			AG01560			
Description			8-10'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Toluene	0 00343	< Stated Limit		03/15/01	JR
	trans-1,2-Dichloroethene	0.00343	< Stated Limit		03/15/01	JR
	trans-1,3-Dichloropropene	0.00343	< Stated Limit		03/15/01	JR
	Trichloroethene	0.00343	< Stated Limit		03/15/01	JR
	Trichlorofluoromethane	0 00343	< Stated Limit		03/15/01	JR
	Vinyl chloride	0 00343	< Stated Limit		03/15/01	JR

Analytes reported on dry weight basis except for Moisture.
AEA Laboratories, Inc.

Arminta P Priddy
Laboratory Director

Carnow, Conibear & Assoc., Ltd.
333 West Wacker Dr., Suite1400
Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B17 AG01562 6-8' Result (dry wt.)	Unit	Analysis Date	Analyst
SM 2540 B	% Moisture	0.1	14.6	%	03/15/01	CC
SW846 7060A	Arsenic	0.0585	19.3	mg/kg	03/14/01	APP
SW-846 6010B	Barium	0.651	28.2	mg/kg	03/16/01	BDP
SW-846 6010B	Cadmium	0.00585	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Chromium	0.00937	11.0	mg/kg	03/16/01	BDP
SW-846 6010B	Lead	0.0234	12.9	mg/kg	03/16/01	BDP
SW-846 7471	Mercury	0.0468	0.109	mg/kg	03/16/01	CC
SW-846 6010B	Selenium	0.466	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 6010B	Silver	0.328	< Stated Limit	mg/kg	03/16/01	BDP
SW-846 3550B	SONICATION PREP-PEST	---	03/14/01	---	03/14/01	OE
SW-846 8081	**Pesticide/PCBs**	---	---	mg/kg	03/19/01	EN
	4,4'-DDD	0.0105	< Stated Limit		03/19/01	EN
	4,4'-DDE	0.00994	< Stated Limit		03/19/01	EN
	4,4'-DDT	0.007	< Stated Limit		03/19/01	EN
	Aldrin	0.00369	< Stated Limit		03/19/01	EN
	alpha-BHC	0.00613	< Stated Limit		03/19/01	EN
	beta-BHC	0.00811	< Stated Limit		03/19/01	EN
	delta-BHC	0.00713	< Stated Limit		03/19/01	EN
	gamma-BHC (Lindane)	0.00597	< Stated Limit		03/19/01	EN
	a-Chlordane	0.00874	< Stated Limit		03/19/01	EN
	g-Chlordane	0.00765	< Stated Limit		03/19/01	EN
	Dieldrin	0.0107	< Stated Limit		03/19/01	EN
	Endosulfan I	0.00359	< Stated Limit		03/19/01	EN
	Endosulfan II	0.0139	< Stated Limit		03/19/01	EN
	Endosulfan Sulfate	0.00861	< Stated Limit		03/19/01	EN
	Endrin	0.00666	< Stated Limit		03/19/01	EN
	Endrin Aldehyde	0.00879	< Stated Limit		03/19/01	EN
	Endrin Ketone	0.00708	< Stated Limit		03/19/01	EN
	Heptachlor	0.00374	< Stated Limit		03/19/01	EN
	Heptachlor Epoxide	0.00516	< Stated Limit		03/19/01	EN
	Methoxychlor	0.00421	< Stated Limit		03/19/01	EN
	Toxaphene	0.0936	< Stated Limit		03/19/01	EN
SW-846 8082	Aroclor 1016	0.0811	< Stated Limit		03/19/01	EN
	Aroclor 1221	0.0811	< Stated Limit		03/19/01	EN
	Aroclor 1232	0.0589	< Stated Limit		03/19/01	EN
	Aroclor 1242	0.0811	< Stated Limit		03/19/01	EN
	Aroclor 1248	0.0881	< Stated Limit		03/19/01	EN

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Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B17			
Lab Number			AG01562			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Aroclor 1254	0.0356	< Stated Limit		03/19/01	EN
	Aroclor 1260	0.0698	< Stated Limit		03/19/01	EN
SW-846 3550B	SONICATION PREP-PNA	---	03/14/01	---	03/14/01	OE
SW-846, 8310	**Polynuclear Aromatics**	---	---	mg/kg	03/16/01	EQ
	Acenaphthene	0.0306	< Stated Limit		03/16/01	EQ
	Acenaphthylene	0.0196	< Stated Limit		03/16/01	EQ
	Anthracene	0.000792	0.0402		03/16/01	EQ
	Benzo (a) anthracene	0.00187	0.126		03/16/01	EQ
	Benzo (a) pyrene	0.00172	0.133		03/16/01	EQ
	Benzo (b) fluoranthene	0.00067	0.174		03/16/01	EQ
	Benzo (ghi) perylene	0.00145	0.179		03/16/01	EQ
	Benzo (k) fluoranthene	0.000444	0.0781		03/16/01	EQ
	Chrysene	0.00095	0.162		03/16/01	EQ
	Dibenzo (a,h) anthracene	0.00578	0.0342		03/16/01	EQ
	Fluoranthene	0.00125	0.211		03/16/01	EQ
	Fluorene	0.0107	< Stated Limit		03/16/01	EQ
	Indeno (1,2,3-cd) pyrene	0.000516	0.0695		03/16/01	EQ
	Naphthalene	0.00823	0.0273		03/16/01	EQ
	Phenanthrene	0.00117	0.0894		03/16/01	EQ
	Pyrene	0.00333	0.224		03/16/01	EQ
SW-846 5035	Volatile Prep by 5035	---	03/01/01	---	03/14/01	JR
SW-846 8260B	**Volatiles by 8260B**	---	---	mg/kg	03/15/01	JR
	1,1,1,2-Tetrachloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,1,1-Trichloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,1,2,2-Tetrachloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,1,2-Trichloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,1-Dichloro-1-propene	0.00325	< Stated Limit		03/15/01	JR
	1,1-Dichloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,1-Dichloroethene	0.00325	< Stated Limit		03/15/01	JR
	1,2,3-Trichlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	1,2,3-Trichloropropane	0.00325	< Stated Limit		03/15/01	JR
	1,2,4-Trichlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	1,2,4-Trimethylbenzene	0.00325	< Stated Limit		03/15/01	JR
	1,2-Dibromo-3-chloropropane	0.00325	< Stated Limit		03/15/01	JR
	1,2-Dibromoethane	0.00325	< Stated Limit		03/15/01	JR
	1,2-Dichlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	1,2-Dichloroethane	0.00325	< Stated Limit		03/15/01	JR
	1,2-Dichloropropane	0.00325	< Stated Limit		03/15/01	JR
	1,3,5-Trimethylbenzene	0.00325	< Stated Limit		03/15/01	JR

Carnow, Conibear & Assoc., Ltd.
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Chicago, Illinois, 60606-1218
Fax:312-782-5145
Attn: Kelli McDonald

First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID Lab Number Description Method	Analyte	Reporting Limit (dry wt.)	PBS-B17 AG01562 6-8' Result (dry wt.)	Unit	Analysis Date	Analyst
	1,3-Dichlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	1,3-Dichloropropane	0.00325	< Stated Limit		03/15/01	JR
	1,4-Dichlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	2,2-Dichloropropane	0.00325	< Stated Limit		03/15/01	JR
	2-Butanone (MEK)	0.0065	< Stated Limit		03/15/01	JR
	2-Chlorotoluene	0.00325	< Stated Limit		03/15/01	JR
	2-Hexanone	0.0065	< Stated Limit		03/15/01	JR
	4-Chlorotoluene	0.00325	< Stated Limit		03/15/01	JR
	4-Methyl-2-Pentanone (MIBK)	0.0065	< Stated Limit		03/15/01	JR
	Acetone	0.0065	0.013		03/15/01	JR
	Benzene	0.00325	< Stated Limit		03/15/01	JR
	Bromobenzene	0.00325	< Stated Limit		03/15/01	JR
	Bromochloromethane	0.00325	< Stated Limit		03/15/01	JR
	Bromodichloromethane	0.00325	< Stated Limit		03/15/01	JR
	Bromoform	0.00325	< Stated Limit		03/15/01	JR
	Bromomethane	0.00325	< Stated Limit		03/15/01	JR
	Carbon disulfide	0.0065	< Stated Limit		03/15/01	JR
	Carbon tetrachloride	0.00325	< Stated Limit		03/15/01	JR
	Chlorobenzene	0.00325	< Stated Limit		03/15/01	JR
	Chlorodibromomethane	0.00325	< Stated Limit		03/15/01	JR
	Chloroethane	0.00325	< Stated Limit		03/15/01	JR
	Chloroform	0.00325	< Stated Limit		03/15/01	JR
	Chloromethane	0.00325	< Stated Limit		03/15/01	JR
	cis-1,2-Dichloroethene	0.00325	< Stated Limit		03/15/01	JR
	cis-1,3-Dichloropropene	0.00325	< Stated Limit		03/15/01	JR
	Dibromomethane	0.00325	< Stated Limit		03/15/01	JR
	Dichlorodifluoromethane	0.00325	< Stated Limit		03/15/01	JR
	Ethylbenzene	0.00325	< Stated Limit		03/15/01	JR
	Hexachlorobutadiene	0.00325	< Stated Limit		03/15/01	JR
	Isopropylbenzene (Cumene)	0.00325	< Stated Limit		03/15/01	JR
	m,p,-Xylenes	0.0065	< Stated Limit		03/15/01	JR
	Methylene chloride	0.00325	< Stated Limit		03/15/01	JR
	Naphthalene	0.00325	< Stated Limit		03/15/01	JR
	n-Butylbenzene	0.00325	< Stated Limit		03/15/01	JR
	o-Xylene	0.00325	< Stated Limit		03/15/01	JR
	p-Isopropyltoluene (Cymene)	0.00325	< Stated Limit		03/15/01	JR
	Propylbenzene	0.00325	< Stated Limit		03/15/01	JR
	sec-Butylbenzene	0.00325	< Stated Limit		03/15/01	JR
	Styrene	0.00325	< Stated Limit		03/15/01	JR
	tert-Butylbenzene	0.00325	< Stated Limit		03/15/01	JR
	Tetrachloroethene	0.00325	< Stated Limit		03/15/01	JR

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First Lab Number: 10514
Sample Matrix: soil
Project Name: Proposed Boone School
Project No.: 13061-E8017

Sampled: 03/01/01
Received: 03/02/01
Date Reported: 03/20/01

ANALYTICAL REPORT

Field ID			PBS-B17			
Lab Number			AG01562			
Description			6-8'			
Method	Analyte	Reporting Limit (dry wt.)	Result (dry wt.)	Unit	Analysis Date	Analyst
	Toluene	0.00325	< Stated Limit		03/15/01	JR
	trans-1,2-Dichloroethene	0.00325	< Stated Limit		03/15/01	JR
	trans-1,3-Dichloropropene	0.00325	< Stated Limit		03/15/01	JR
	Trichloroethene	0.00325	< Stated Limit		03/15/01	JR
	Trichlorofluoromethane	0.00325	< Stated Limit		03/15/01	JR
	Vinyl chloride	0.00325	< Stated Limit		03/15/01	JR

Analytes reported on dry weight basis except for Moisture
AEA Laboratories, Inc

Arminta P. Priddy
Laboratory Director

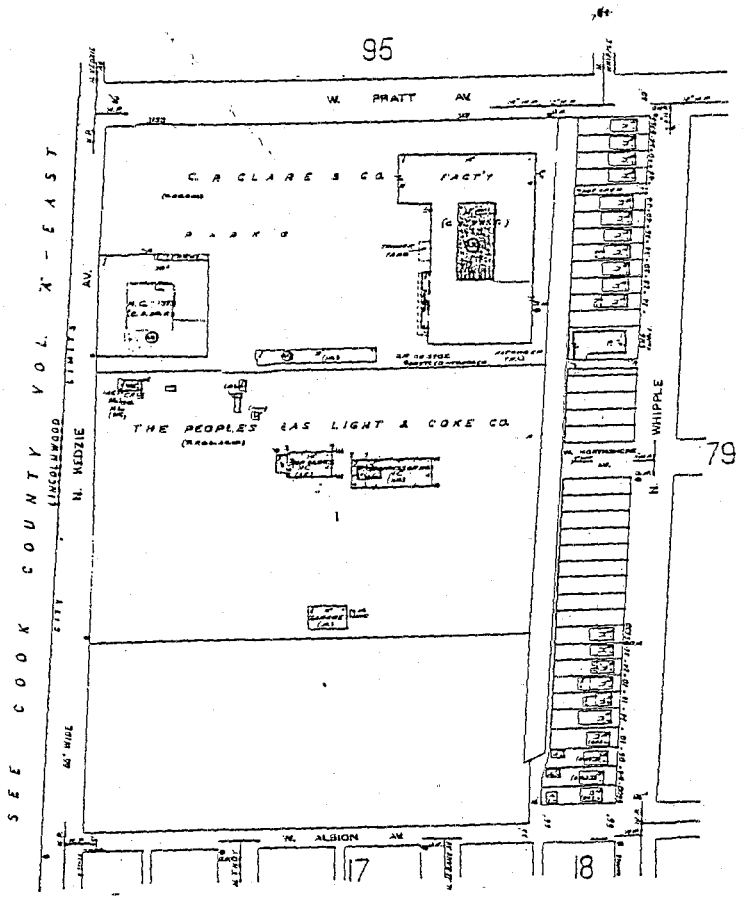
Appendix B
Sanborn Maps and Aerial Photographs

Rogers Park East Parcel
Site Investigation Report for the East Parcel

Prepared January 2002

WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

ALL RESIDENTIAL BUILDINGS COLORED BLUE ARE CONCRETE, BRICK FACED CONSTRUCTION UNLESS OTHERWISE NOTED



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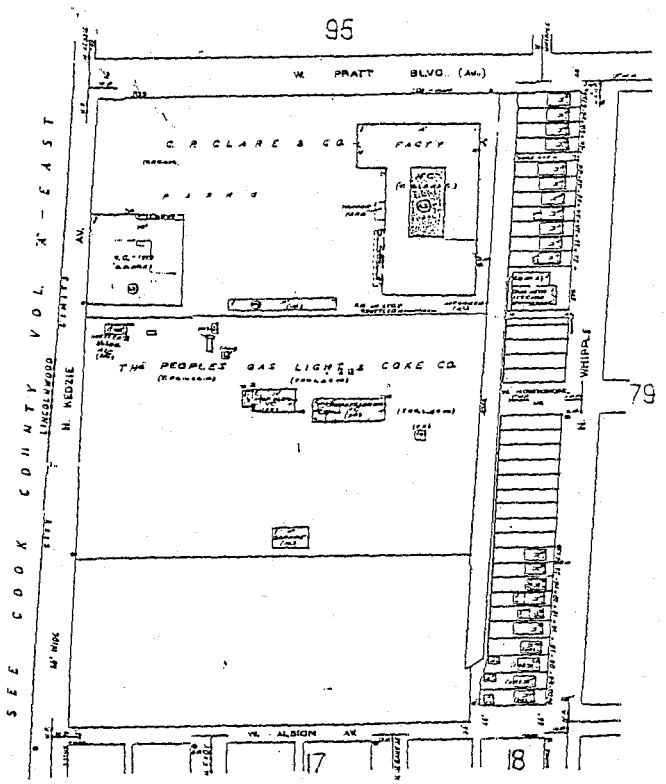

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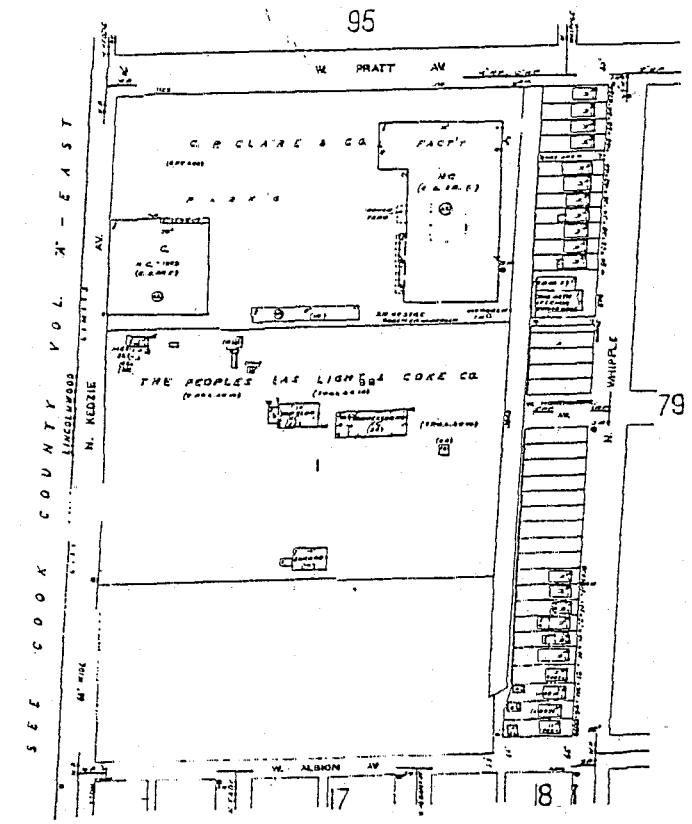

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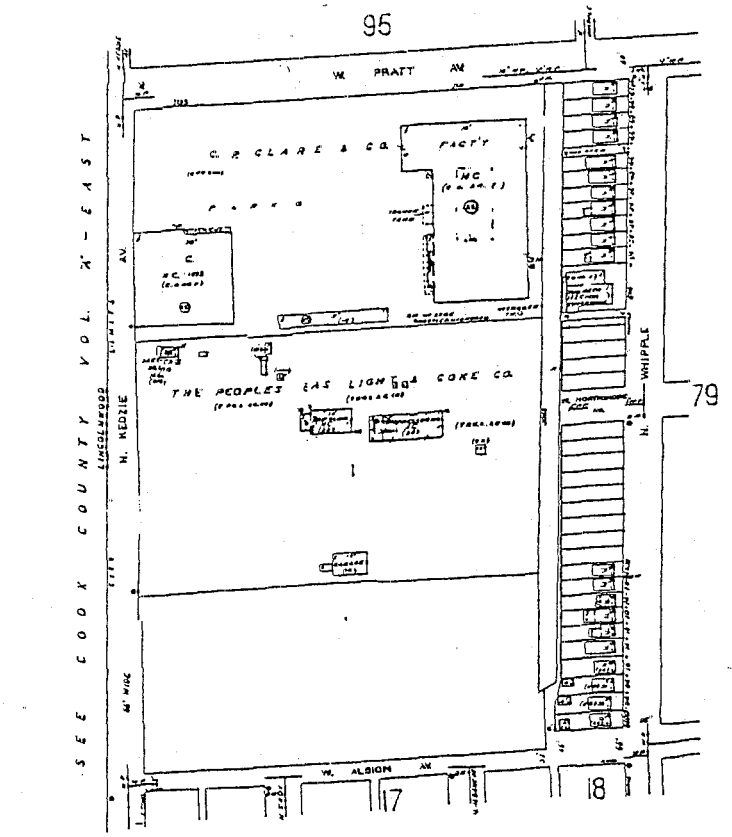

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GUIDADO
CURTIS

CHICAGO AERIAL PHOTO SERVICES, INC.
716 Foster Avenue, Bensenville, IL. 60106
Phone: (630) 521-0292 Fax: (630) 521-0295

NEGATIVE NO. 40100-76 ORDER NO 40418
T-41 -N, R-13 -E, SEC. 35
SCALE: 1"=400' DATE: 5-11-1940

N

Represents a true picture of the ground that existed at the time of exposure on the date shown and that neither the aerial negative used to make the product nor the photograph itself has been retouched or otherwise altered in any way.

HISTORICAL AERIAL PHOTO SPECIALIST

CHICAGO AERIAL PHOTO SERVICES, INC.
716 Foster Avenue, Bensenville, IL. 60106
Phone: (630) 521-0292 Fax: (630) 521-0295

NEGATIVE NO. 35060-1669 ORDER NO 40418
T-41-N, R-13-E, SEC. 35
SCALE: 1" = 400' DATE: 4-21-55

N

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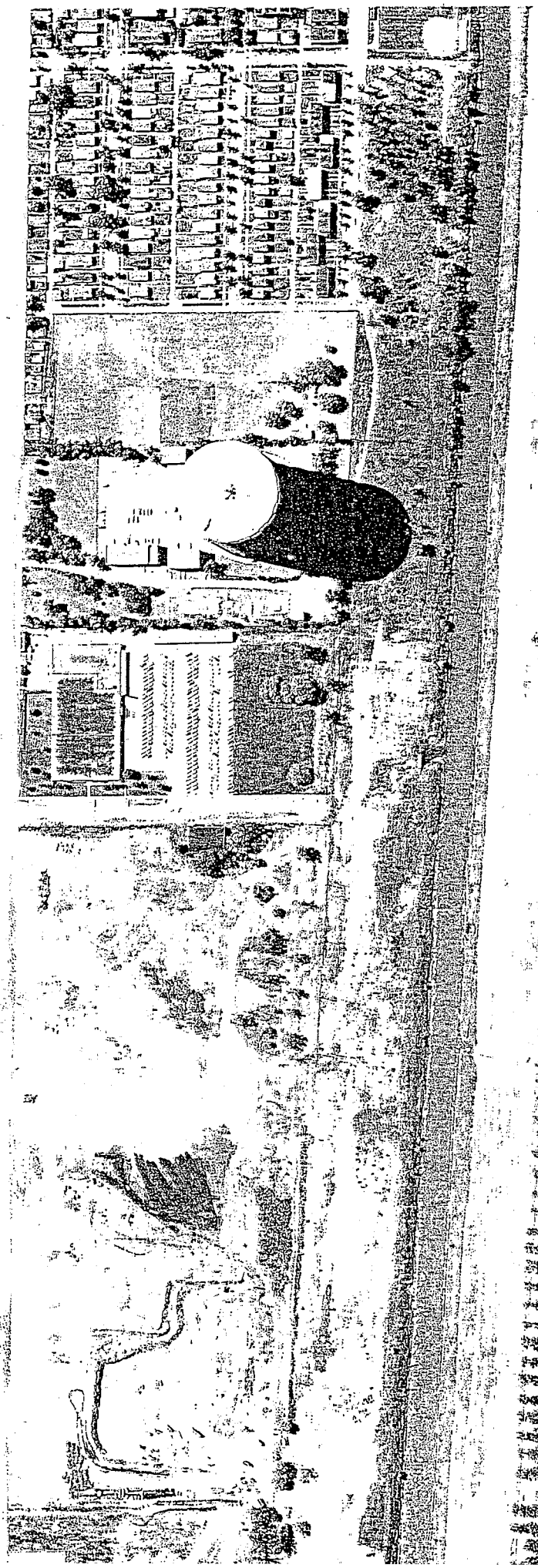
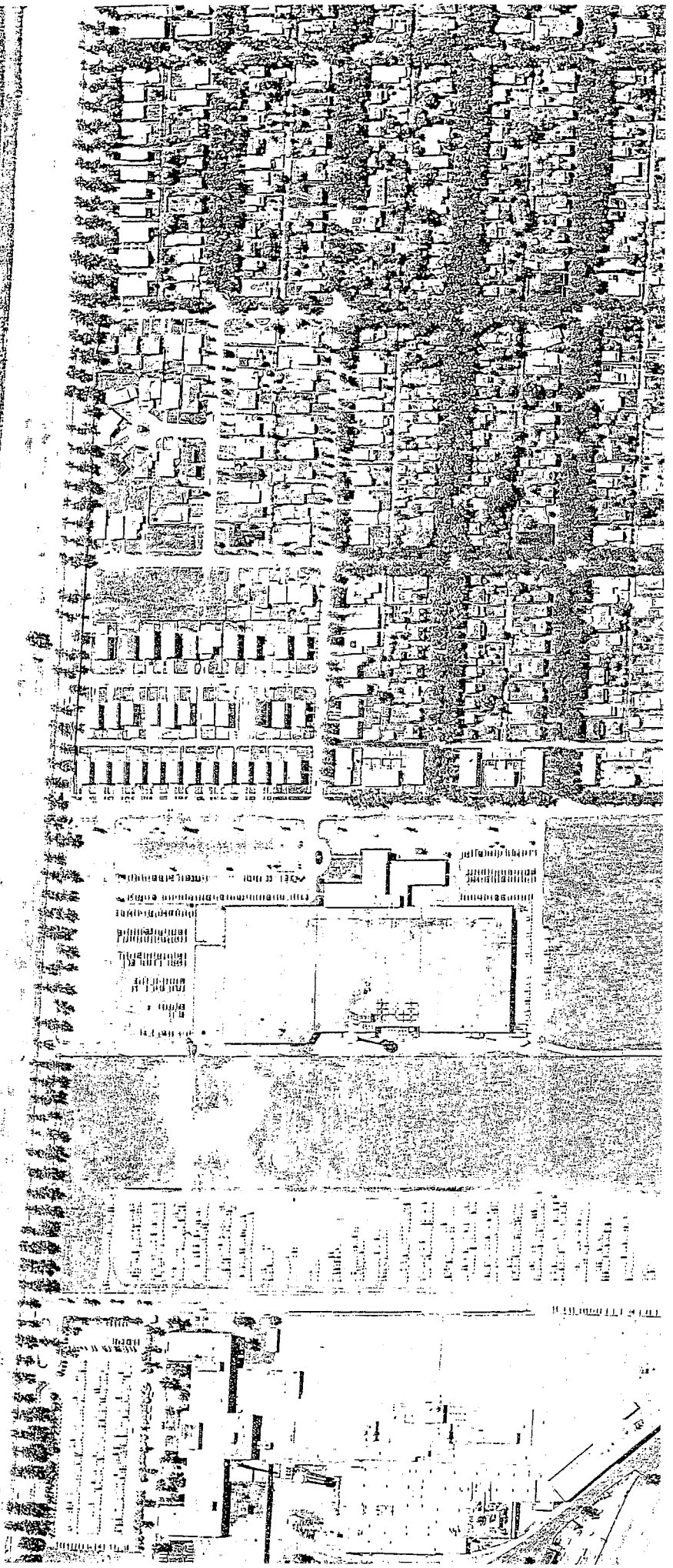
HISTORICAL AERIAL PHOTO SPECIALIST





CHICAGO AERIAL PHOTO SERVICES, INC.
716 Foster Avenue, Bensenville, IL. 60106
Phone: (630) 521-0292 Fax: (630) 521-0295

NEGATIVE NO 43035-1528 ORDER NO 40418
T-41 -N, R-13 -E, SEC. 35
SCALE: 1"=400' DATE: 6-21-63

N

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HISTORICAL AERIAL PHOTO SPECIALIST

KODAK SAFETY FILM

CHICAGO AERIAL PHOTO SERVICES, INC.
716 Foster Avenue, Bensenville, IL. 60106
Phone: (630) 521-0292 Fax: (630) 521-0295

NEG NO. 75100-41C-55 ORD # 50240

T-41 -N, R-13 -E, SEC. 36

SCALE: 1"=2,000' DATE: 4-26-1975

N

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HISTORICAL AERIAL PHOTO SPECIALIST

Appendix C
Soil Boring Logs

Rogers Park East Parcel
Site Investigation Report for the East Parcel

Prepared January 2002

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB48
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	
Date 5-4-01	To 5-4-01	Field Observer (s) Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, with sand and gravel, low plasticity			2/3					0	
2						001 @ 0725			0	
3	No Recovery								0	
4										
5				0/4						
6										
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				3/4		002 @ 0730			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No	Boring Number
Peoples-Rogers Park East	27194	RPM-SB49
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS	Drillers (s): Joe Miller
Drilling Rig: Hurricane	Type of Sampler:

Date	To	Field Observer (s)	Reviewed By:
5-4-01	5-4-01	Libby Northrip	Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
	SILTY CLAY, (CL), brown, dry, stiff, with gravel, low plasticity									
1				3/3		001 @ 0710			0	
2									0	
	Gravel at 2.5' (3")									
3	SILTY CLAY, (CL), brown, moist, soft, trace gravel, medium plasticity								0	
4						002 @ 0720			0	
5				4/4					0	
6									0	
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				3/4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No	Boring Number
Peoples-Rogers Park East	27194	RPM-SB50
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	4			

Drilling Company: EFS	Drillers (s): Joe Miller
Drilling Rig: Hurricane	Type of Sampler:

Date: 5-4-01 To: 5-4-01 Field Observer (s): Libby Northrip Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
	SILTY CLAY, (CL), brown gray, dry, stiff, some gravel, low plasticity					001 @ 0650				
1				3/ 3					0	
2						002 @ 0655			0	
3	SILTY CLAY, (CL), brown gray, moist, stiff, trace gravel, medium plasticity								0	
4						003 @ 0700			0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				4/ 4		004 @ 0705			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB51
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS
Drillers (s): Joe Miller
Drilling Rig: Hurricane
Type of Sampler:
Date: 5-3-01 To: 5-3-01
Field Observer (s): Libby Northrip
Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, trace sand and gravel, low plasticity			2/ 3		001 @ 1355			0	
2									0	
3	SILTY CLAY, (CL), brown, moist, soft, trace sand and gravel, medium plasticity								0	
4						002 @ 1400			0	
5				4/ 4					0	
6									0	
7	As above								0	
8									0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL.LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB52
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS — Drillers (s): Joe Miller

Drilling Rig: Hurricane — Type of Sampler:

Date: 5-3-01 — To: 5-3-01 — Field Observer (s): Libby Northrip — Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown gray, dry, stiff, trace gravel, low plasticity			2/ 3		001 @ 1410			0	
2									0	
3	SILTY CLAY, (CL), brown gray, moist, stiff, trace gravel, medium plasticity								0	
4									0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), brown gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				4/ 4		002 @ 1420			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB53
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS	Drillers (s): Joe Miller
Drilling Rig: Hurricane	Type of Sampler:
Date: 5-3-01 To: 5-3-01 Field Observer (s): Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity			2/3		001 @ 1510			0	
2									0	
3	As above								0	
4						002 @ 1515			0	
5				4/4					0	
6									0	
7	As above, moist								0	
8									0	
9				4/4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB54
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	3			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	
Date 5-4-01	To 5-4-01	Field Observer (s) Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SAND, (SP), medium to fine grain, light brown, moist, loose			3/ 3		001 @ 0835			0	
2						002 @ 0835			0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace sand and gravel, medium plasticity								0	
4						003 @ 0840			0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), gray, moist, soft, trace sand and gravel, medium plasticity								0	
8									0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No	Boring Number
Peoples-Rogers Park East	27194	RPM-SB55
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	3			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	
Date 5-4-01	To 5-4-01	Field Observer (s) Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, with gravel, low plasticity			3/ 3		001 @ 0740			0	
2						002 @ 0745			0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace gravel, medium plasticity								0	
4						003 @ 0750			0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), brown, moist, soft, trace gravel, highly plastic								0	
8									0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB56
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	5			

Drilling Company: EFS
Drillers (s): Joe Miller
Drilling Rig: Hurricane
Type of Sampler:
Date: 5-4-01 To: 5-4-01
Field Observer (s): Libby Northrip
Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), dark brown, dry, stiff, trace sand and gravel, low plasticity			3/ 3		001 @ 0800			0	
2						002 @ 0805			0	
3						003 @ 0810			0	
4	SILTY CLAY, (CL), brown gray, moist, stiff, trace sand and gravel, medium plasticity			4/ 4		004 @ 0815			0	
5									0	
6									0	
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, medium plasticity			4/ 4					0	
8									0	
9						005 @ 0820			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB57
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS	Drillers (s): Joe Miller
Drilling Rig: Hurricane	Type of Sampler:
Date: 5-4-01 To: 5-4-01 Field Observer (s): Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, some sand and gravel, low plasticity			2/ 3		001 @ 0825			0	
2									0	
3									0	
4	As above								0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				4/ 4		002 @ 0830			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park East	27194	RPM-SB58
Ground Elevation	**Location**	**Page**
NA		1 of 1
Air Monitoring Equipment		**Total Footage**
MiniRAE		11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	3			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	

Date	To	Field Observer (s)	Reviewed By:
5-3-01	5-3-01	Libby Northrip	Don Schilling

Depth	Description	Class	PEN Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity			3/ 3		003 @ 1455			0	
2						001 @ 1450			0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace gravel, medium plasticity								0	
4									0	
5				4/ 4					0	
6									0	
7	SILTY CLAY, (CL), brown, moist, soft, trace gravel, highly plastic								0	
8									0	
9				4/ 4		002 @ 1500			0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No	Boring Number
Peoples-Rogers Park East	27194	RPM-SB59
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 11

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	11	0	2			

Drilling Company: EFS	Drillers (s): Joe Miller
Drilling Rig: Hurricane	Type of Sampler:

Date: 5-3-01	To: 5-3-01	Field Observer (s): Libby Northrip	Reviewed By: Don Schilling

Depth	Description	Class	PEN Reading (TSF)	Recov	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity			2/3		001 @ 1430			0	
2									0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, low plasticity								0	
4						002 @ 1440			0	
5	SILTY CLAY, (CL), brown gray, moist, soft, medium plasticity			4/4					0	
6									0	
7									0	
8	SAND, (SP), brown, medium grain, moist, loose								0	
9				4/4					0	
10	SILTY CLAY, (CL), brown gray, moist, soft, medium plasticity								0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG EAST.GPJ BURNS_MO.GDT 8/24/01

Burns & McDonnell SINCE 1898

LOG OF BORING MW-01

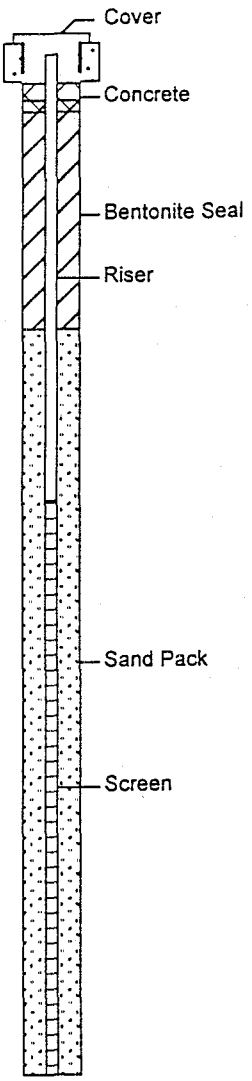
WESTON — MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-002

Date Started	: 12/6/99	Weston Geologist	: Rich Lounsbury
Date Finished	: 12/6/99	Total Depth (ft)	: 18
Drilling Method	: 4.25" ID HSA	Borehole Diameter (in)	: 8
Drilling Company	: CS Drilling	Boring Location	: NW corner of Parcel
Driller Name	: Mark Natali	Well Diameter	: 2" PVC

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0–4		ML	Dark brown (top) to medium brown (bottom) SILT, becoming Sandy with depth (dry, friable, no odor).	1	1 2 2	24	0.3	NR
			As above but yellowish to dark brown, little to some fine Sand, trace fine Gravel.	2	5 4 5 5	24	0.3	NR
4–13		CL	Mottled grey and reddish brown CLAY, some Silt, trace coarse Sand and fine Gravel (damp, very compacted, no odor).	3	6 3 4 6 7	18	0.8	NR
			As above with trace wetness on outside of core.	4	1 2 4 5	18	1.2	NR
			As above but soft, moist throughout, trace wetness on inside core.	5	2 2 3 2	18	3.3	NR
			As above, slightly less moist.	6	1 1 2 2	24	2.1	NR
			As above to 13.5 ft. bgs.	7	1 3 6 6	24	1.2	NR
13–15		GM	Brown SILT and fine to coarse SAND, little fine Gravel (wet in spots, no odor, poorly sorted).					
			As above but greyish brown, trace very fine Sand and Clay (soft, moist to wet).	8	2 2 3 2	24	0.5	NR
15–18		CL	Grey CLAY and SILT (soft, no odor, very moist).					
			As above.	9	2 3 4 6	24	0.5	NR
18			End of boring @ 18 ft.					
19								
20								

Well: MW-01
Elev.: 96.14'



Notes: 1) NR indicates no response
2) Soil sample collected 8-10 ft bgs
3) Elevation listed above is a ground surface elevation.

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01-13-2000

LOG OF BORING MW-02

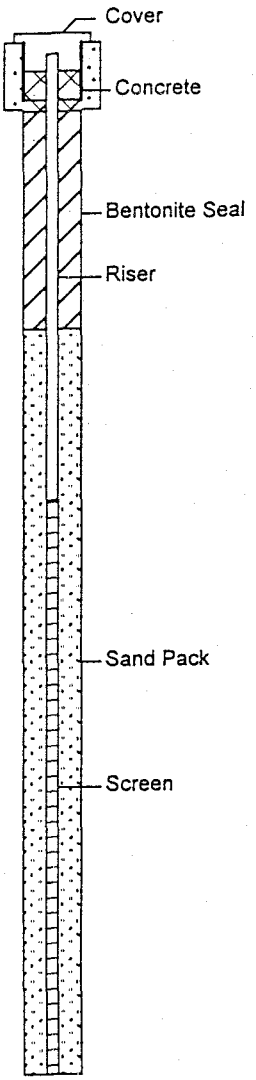
WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-002

Date Started	: 12/6/99	Weston Geologist	: Rich Lounsbury
Date Finished	: 12/6/99	Total Depth (ft)	: 18
Drilling Method	: 4.25" ID HSA	Borehole Diameter (in)	: 8
Drilling Company	: CS Drilling	Boring Location	: East portion of Parcel
Driller Name	: Mark Natali	Well Diameter	: 2" PVC

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0		ML	Dark brown SILT (dry, friable, no odor).					
1		CL	Mottled grey and reddish brown CLAY, little to some Silt, trace coarse Sand, glass and coal fragments (dry to damp, disturbed, compacted).	1	2 4 6 8	24	NR	NR
2								
3			As above but undisturbed (dry, compacted, no odor).	2	3 4 5 8	24	NR	NR
4			As above.	3	5 7 8 7	18	NR	NR
5								
6			As above with less mottling.	4	2 3 2 2	18	NR	NR
7		SM	Grey, fine to coarse SAND, little Silt (moist).					
8		CL	Silty CLAY as above (soft and moist).	5	2 3 2 2	18	NR	NR
9								
10			As above but grey in color.	6	1 1 1 1	18	NR	NR
11								
12			As above.	7	1 1 1 1	24	NR	NR
13								
14			As above; only 2" recovery (may have pushed a rock).	8	1 1 3 4	2	NA	NA
15								
16			No recovery.	9	1 2 2 1	0	NA	NA
17								
18			End of boring @ 18 ft.					
19								
20								

Well: MW-02
Elev.: 96.08'



Notes: 1) NR indicates no response
2) Soil sample collected 0-2 ft bgs
3) Elevation listed above is ground surface elevation.

LOG OF BORING B-01

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-002

Date Started	: 12/6/99	Weston Geologist	: Rich Lounsbury
Date Finished	: 12/6/99	Total Depth (ft)	: 26
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: Central portion of Parcel
Driller Name	: Mark Natali		

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0		ML	Dark brown SILT (organic, firm but friable, damp, no odor).	1	3, 12, 7, 10	18	NR	+
1		FL	Fine to coarse SAND, trace concrete/brick (loose fill).					
2		CL	Greyish brown CLAY, some Silt, little fine to coarse Sand and fine Gravel (disturbed, firm to soft, damp, no odor).	2	3, 3, 3, 3	18	NR	NR
3			Mottled grey and reddish brown CLAY, little Silt, trace coarse Sand and fine Gravel (damp to dry, firm, no odor).					
4				3	3, 2, 2, 3	18	NR	NR
5			As above but more moist.					
6			As above, trace wetness on outside of core, minimal Sand and Gravel (very soft bottom 6").	4	3, 2, 2, 2	24	NR	NR
7								
8			As above, but more compacted.	5	3, 1, 2, 2	24	NR	NR
9								
10			Grey CLAY, some Silt (soft, moist, no mottling or odor).	6	3, 1, 1, 2	24	NR	NR
11								
12			As above, but softer and wet.	7	2, 1, 1, 2	24	0.8	NR
13								
14					3			

Notes: 1) NR indicates no response
2) Soil sample collected 1-2 ft bgs
3) "+" indicaes a positive Ultra Violet Illumination reading

LOG OF BORING B-01

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-002

Date Started	: 12/6/99	Weston Geologist	: Rich Lounsbury
Date Finished	: 12/6/99	Total Depth (ft)	: 26
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: Central portion of Parcel
Driller Name	: Mark Natali		

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
14		CL	As above with 2" thick grey fine Sand lens (wet) at 14.5 ft. bgs.	8	1 1 1 1	24	0.1	NR
15								
16			As above, soft and wet.	9	1 1 1 2	24	NR	NR
17								
18			As above.	10	1 1 1 1	24	NR	NR
19								
20			As above.	11	1 1 1 3	24	NR	NR
21								
22			As above but bottom 6" compacted.	12	1 1 1 3	24	NR	NR
23								
24			As above, but all compacted, trace fine to coarse Sand and fine Gravel.	13	2 4 4 6	24	NR	NR
25								
26			End of boring @ 26 ft.					
27								
28								

Notes: 1) NR indicates no response
2) Soil sample collected 1-2 ft bgs
3) "+" indicaes a positive Ultra Violet Illumination reading