314347

THE ROGERS PARK SUB-SHOP
MAIN 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 Main Parcel (site) in Chicago, Illinois. This report summarizes SI activities and presents SI findings in regards to the Main Parcel.

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 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 northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel.

The Main Parcel is the subject of the investigation described in this SI report. 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.

A portion of the former 15,000,000 cubic foot above ground gas holder and appurtenant tar tanks and reservoir once occupied the southeast portion of the Main Parcel. This structure was reportedly dismantled in 1971. Evidence of the outer foundation for the structure is still visible in the parking lot area of the Main Parcel.

Burns & McDonnell completed SI field activities in May and June 2001. Prior to the Burns & McDonnell SI, Roy F. Weston performed a limited SI in December 1999 and January 2000. SI field activities were completed in accordance with Illinois EPA approved procedures. Weston advanced nine (9) borings in the area and collected four (4) surficial soil samples. During the Burns & McDonnell investigation, a total of twenty-three (23) soil borings and two (2) probes were advanced at various locations around and adjacent to the site, to a maximum depth of twenty (20) feet below ground surface (bgs). Soil samples were collected from various depths within each soil boring and analyzed for:

- Target Compound List (TCL) volatile organic compounds (VOCs), or benzene, toluene, ethylbenzene, and xylenes (BTEX) and styrene;

- TCL semi-volatile organic compounds (SVOCs) or polynuclear aromatic hydrocarbons (PAHs);
- Priority pollutant metals or Resource Conservation and Recovery Act (RCRA) metals and cyanide.

Certain soil samples were also analyzed for Synthetic Precipitation Leaching Procedure (SPLP) lead and chromium. Other samples collected from the northwest portion of the site were analyzed for the presence of polychlorinated biphenols (PCBs). Physical soil testing was also conducted. Four (4) groundwater monitoring wells were installed in the surrounding areas as part of the Weston field investigation. One (1) well was installed inside of the Pond Parcel as part of the Burns & McDonnell field investigation. Groundwater samples were collected from all five monitoring wells on June 22, 2001.

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, cinders, 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 silt/clay unit ranges from sandy silt to clay.

During the Weston and Burns & McDonnell SI field activities, odors and visual staining were noted at locations B-17 and B-19 within the Main Parcel, in the area of the former tar tanks. Impacted material was identified at borings B-17 and B-19 at depths ranging from 3.0 to 8.0 feet below ground surface (bgs). Boring/probe locations directly south of the Main Parcel (in the Pond Parcel in the area of the former gas holder) contained source material. Shallow groundwater was encountered in limited borings at depths ranging from four (4) to twelve (12) feet bgs. Subsurface investigations support the presence of shallow perched groundwater.

Former industrial manufacturing operations conducted on the Former C. P. Clare Property, located north of the Main Parcel, impacted soil in the northern part of the Main Parcel with chlorinated solvents. The area was remediated by C. P. Clare in 1997, by removing soil impacted by chlorinated solvents, however the remediation activities were not completely successful in removing all impacted soils. Therefore, two limited areas in the Main Parcel will require industrial/commercial land use restrictions, due to chlorinated solvent impacts in the subsurface associated with the former C. P. Clare operations.

Exposure pathways identified for evaluation include 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 industrial/commercial exposures. In general, exceedences of Tier 1 screening values for soil ingestion were identified in certain near surface soils for benzo(a)anthracene, benzo(a)pyrene, and arsenic. However, arsenic was shown to be statistically below its Metropolitan Statistical Area background value, and therefore, is not a concern at this site. Three (3) soil samples exceeded the soil inhalation pathway for benzene in the area of the former tar tanks. Soil migration to groundwater exceedences were identified in limited areas, generally near the former tar tanks located west of the former gas holder, for benzene, trichloroethene, benzo(a)anthracene, lead, chromium and SPLP lead. No

off-site impacts to the west were observed. One sample exceeded the soil migration to groundwater Tier 1 screening level for trichloroethene along the northern edge of the Parcel, adjacent to the former C. P. Clare site, which utilized chlorinated solvents. PCBs were not detected in any of the soil samples analyzed for these constituents. 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 and subsurface soil and identify the nature and extent of potential impacts. The objectives were accomplished. Areas of the site that exceed Tier I screening levels, will be further evaluated in a forthcoming document, ROR/RAP/RACR.

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 Main 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 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 northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel.

The Main Parcel is the subject of the investigation described in this SI report. 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.

1.1 PAST INVESTIGATIONS AND SOURCES CONSULTED OR REVIEWED

The following documents, prepared by others, were reviewed:

- *Preliminary Site Investigation – North Shore Avenue Station Gas Storage Facility – Chicago, Illinois* prepared by Hanson Engineers Incorporated (HEI) for Peoples Gas dated July 1992. The objective of the HEI investigation was to determine if there was a potential for impacts associated with the former North Shore Avenue Station. The investigation encompassed the entire 10.2 acres (the Main, East, 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 soil borings within the Main Parcel. The report concluded that below ground portions of the gas storage structures may be present and, if they are present, may contain precipitated tars, unless the tar was removed during demolition of the gas holder (Hanson 1992). A copy of the HEI Report is included as Appendix A of the SI Report.

- *Revised Focused Site Investigation/Remediation Objectives/Remedial Action Plan/Remedial Action Completion Report* prepared by URS on The Peoples Gas Light and Coke Company Rogers Park Sub-Shop for the C. P. Clare Corporation and General Semiconductor, Inc. dated May 23, 2001. This report summarizes an investigation along the northern part of the Peoples Gas site conducted as a result of detection of subsurface impacts to the north of the site. Investigations were conducted in multiple phases between 1996 and 1997. The investigation revealed that soil in the northern portion of the Peoples Gas site had been impacted by the presence of chlorinated solvents associated with the operations conducted on the former C. P. Clare Property. Under the direction C.P. Clare Corporation and General Semiconductor, Inc., a sheet pile wall was installed and approximately 2300 cubic yards of impacted soil was removed, treated and replaced on the Peoples Gas site. Remediation concluded in early 1997. At that time, it was recommended that portions of the approximately 0.15 acres remediated on the Peoples Gas property be managed with a deed restriction, prohibiting future use of the site for residential development. The most recent version of the report was submitted to the Illinois EPA in May 2001. Illinois EPA issued comments and a disapproval of the report in a letter dated August 28, 2001. A response to the comments, authored by URS, was submitted to Illinois EPA in a letter dated October 24, 2001. Illinois EPA approval of the report is still outstanding.

1.2 SITE HISTORY

Site history was researched as specified in 35 IAC, Part 740, and 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 a manufactured gas facility, the North Shore Avenue Station. A 15-million cubic foot gas holder, formerly located on the west side of the property, stored manufactured and natural gas until it was dismantled in 1971. (The northern half of the holder was formerly located in the Main Parcel, with the remainder of the holder formerly located in the Pond Parcel). 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 12,000- gallon buried tar tanks, the northwest holder invert and the tar dam and pump weirs at that time. Tar totaling 152,600 gallons was removed from the base of the gas holder and unspecified locations around the gas holder in 1956. The gas holder was disconnected and purged in 1969. Most of the tar tanks associated with the holder were removed in 1971. Specifications called for the removal of the gas holder and concrete pad (that were removed in 1971), the settling tank, both oil underground tanks and 7 of 13 tar collections from the property. It is unclear what was to happen with the other 6 tar tanks. The approximate locations of the former MGP structures are shown in Figure 2.

Burns & McDonnell obtained the fire insurance maps for the former North Shore Avenue Station from Environmental Data Resources. Appendix B presents Sanborn Maps of the Main Parcel from 1975, 1986,

1991, and 1993. The fire insurance maps were reviewed to obtain information about the history of development at and adjoining the Main Parcel. The date and source of each fire insurance map and the observations noted during the reviews are summarized in the paragraphs below:

1975 - The Main Parcel is labeled as 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. The surrounding area to the west is not depicted.
1986, 1991 and 1993 - The Main Parcel and 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 aerials were reviewed to obtain information about the history of development on and in the vicinity of the Main Parcel. A copy of the aerial photographs is 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 Main Parcel (the South Parcel) appears to be developed with several small structures along the northwest 1/3. The Main Parcel appears 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 Main Parcel appears to be a residential development.
1955 - The Main Parcel and surrounding areas resemble the conditions pictured in the 1940 photograph with the exception of the following: a large structure (resembling the former C. P. 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 Main Parcel, beyond the Pond Parcel.
1963 - The surrounding areas resemble the conditions pictured in the 1955 photograph with the exception of an additional structure pictured on the Peoples Gas Main Parcel.
1975 - The Main 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.

The site currently operates as a natural gas regulator station.

1.3 SITE DESCRIPTION

1.3.1 Site Location and Legal Description

The Main Parcel is located approximately 1000 feet northeast of the intersection of Albion Avenue and Kedzie Avenue in Cook County, Chicago, Illinois (Figure 2). The site is approximately 5.4 acres in size. The legal description is as follows:

"LOT 2 (EXCEPT THE WEST 66 FEET THEREOF AND EXCEPT THE SOUTH 240.00 FEET OF THE WEST 330.00 FEET THEREOF) IN THE SUBDIVISION OF THE WEST ½ (IN AREA) OF THE SOUTHWEST FRACTIONAL QUARTER OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

AND ALSO EXCEPT THAT PART OF LOT 2 IN SUBDIVISION OF THE WEST HALF (BY AREA) OF THE SOUTHWEST FRACTIONAL QUARTER OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS LYING NORTH OF THE INDIAN BOUNDARY LINE, TOGETHER WITH THE 33 FEET EAST AND ADJOINING LOT 2 AFORSAID, EXTENDING FROM THE NORTH LINE OF SAID LOT 2 EXTENDING 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", 135.77 FEET, THENCE NORTH 02°40'47" EAST, 489.77 FEET, THENCE NORTH 89°51'56" EAST, 134.84 FEET TO SAID EAST LINE OF THE 33 FEET EAST 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 Main Parcel site is bounded to the north by industrial-commercial (former Dominick's Food Store) and residential property, to the west by Kedzie Avenue, to the south by a vacant parcel slated for residential development, and to the east by the East Parcel and Wipple Street (Figure 2). The Main Parcel is located in Section 36 of Township 41 North, Range 13E. The Main Parcel presently contains several buildings, a garage, an oil tank, a diesel and gasoline dispenser, a flammable liquids storage building, a 12,000-gallon steel diesel underground storage tank (UST), and a 12-000 gallon fiberglass gasoline UST. The entire Rogers Park Sub-Shop property, including the Main, Pond, and East Parcels is fenced.

According to the United States Geological Survey 7.5-Minute Quadrangle (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. All three Illinois EPA exposure routes (soil ingestion, soil inhalation, and groundwater ingestion) will be evaluated. The groundwater ingestion exposure route 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. *Plate 1: 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 Information Review

The City of Chicago has a groundwater ordinance that prohibits the use of groundwater for consumption within the city limits. 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 conductivities of typical geological materials in Illinois. Geological materials encountered at the site include silty sand, silt and clay. Estimated hydraulic conductivities 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 Main Parcel currently serves as a reporting facility for field personnel, and is zoned for restricted manufacturing use (M1-1). A map of zoning for the site and surrounding areas is presented in Figure 3. Surrounding properties consist of vacant land and residences to the east and south, undeveloped land and the North Shore Channel to the west and vacant land to the north. The Chicago City limits are located directly west of the Main Parcel, beyond Kedzie Avenue. Note that a Dominick's Finer Food grocery store to the north of the Main Parcel was recently vacated. Buildings to the north of Main Parcel (formerly owned by C. P. Clare) have recently been demolished and will be developed as residential property.

As discussed previously, the Main Parcel is currently used as a reporting location for the Distribution Service Departments crews. A garage building with diesel and gasoline fueling islands is located at the south end of the Main Parcel and is used to service Transportation Department vehicles. Two registered USTs, a 12,000-gallon steel tank containing diesel fuel and a 12,000-gallon fiberglass gasoline tank are currently in operation. The diesel UST is 29 years old and the gasoline UST is 20 years old. According to records, the USTs are in good operating condition and are not leaking.

1.3.7 Future Use of the Site and Surrounding Areas

The Main Parcel is currently used as a reporting facility for field personnel and is the North District Sub-Shop for Natural Gas Service and Distribution activities by Peoples Gas. The future use of the Main Parcel is not expected to change and will continue to function as a reporting facility. 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 October 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 on May 1 through 4, 2001, and June 14, 15, and 22, 2001. Previous SI field activities were performed by Roy F. Weston from December 6, 1999 through January 14, 2000 and July 12 through 14, 2000 (Weston 2000). Tables 1 and 2 present surface and subsurface soil samples and analyses conducted. Table 3 presents the groundwater elevations measured in June 2001. Table 4 presents the groundwater sample identifications and the analyses performed. Table 5 presents the physical soil testing performed.

2.1 SOIL SAMPLING PROCEDURES

Weston advanced nine (9) soil borings and collected four (4) surficial soil samples on and near the Main Parcel. Twenty-three (23) soil borings and two (2) soil probes were advanced on or near the Main Parcel during the Burns & McDonnell field investigation. The soil borings/probes were advanced to depths of approximately 9.0 to 20.0 feet bgs. Figure 4 shows the soil boring and soil probe locations. Surface and subsurface soil samples were collected from boring locations using direct push sampling equipment. Boring locations were sampled using 4-foot long, 1.5-inch diameter stainless steel sample tubes lined with acetate liners. Each sample interval was field screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID). Soil cuttings generated during sampling activities were collected in 5-gallon buckets and were disposed of as 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. Weston soil samples were picked up from the site by an analytical laboratory and analyzed for Target Compound List (TCL) VOCs, TCL semi-volatile organic compounds (SVOCs), priority pollutant metals, total cyanide, Synthetic Precipitate Leaching Procedure (SPLP) lead and physical properties. Based on the results of this investigation, the Burns & McDonnell analyses focused on manufactured gas plant (MGP) related constituents of concern for some samples and continued with the full TCL VOC and TCL SVOC list for other samples. The analyses included benzene, toluene, ethylbenzene, and xylenes (BTEX) and styrene (or VOCs), polynuclear aromatic hydrocarbons (PAHs) (or SVOCs), Resource Conservation and Recovery Act (RCRA) metals, total cyanide, SPLP selected metals, PCBs, and physical properties. A summary of surface soil samples collected and analyzed is presented in Table 1. A summary of subsurface soil samples collected and analyzed is presented in Table 2. Soil samples analyzed for VOCs/BTEXs 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-ml vial(s).

Soil samples analyzed for metals, cyanide, PCBs and SVOCs/PAHs 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. Soil probes SP067 and SP068 were advanced for the purpose of visual characterization. Samples were not collected from these probes. If observed, signs of impact to the soil were also recorded.

After completion of soil boring/probing activities, approximate locations were measured from benchmarks such as the fence and existing buildings and structures. Soil boring/probe holes were backfilled to the ground surface with bentonite chips.

2.2 SURFACE SOIL INVESTIGATION

Twenty-one (21) surface soil samples were collected from soil borings RPM-SB24, RPM-SB25, RPM-SB32, RPM-SB33, RPM-SB39, RPM-SB40, RPM-SB42, RPM-SB44, RPM-SB46, RPM-SB79, RPM-SB80, B-8, B-19, SS-07 through SS-09, and SS-11 to characterize surface conditions at and adjacent to the site. Samples were obtained from within the upper three (3) feet of the soil horizon. Figure 4 presents soil boring locations and shows the distribution of the borings within and around the Main Parcel. Tables 1 and 5 present 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 3 feet of the site's soil horizon. At least one (1) surface soil sample was collected from each of the above mentioned boring locations, with a total of twenty-one (21) surface soil samples collected during both SI field activities. Specifically, one (1) surface soil sample was collected and analyzed from the 0.5 to 1.0 foot depth interval, two (2) surface soil samples were collected and analyzed from 0 to 1.0 foot depth interval, three (3) soil samples were collected and analyzed from the 1.0 to 2.0 foot depth interval, four (4) soil samples were collected and analyzed from the 0 to 2.0 foot depth interval, seven (7) samples were collected and analyzed from the 2.0 to 3.0 foot depth interval, and four (4) samples were collected and analyzed from the 2.0 to 4.0 foot depth interval.

2.2.2 Chemical Analyses

Table 1 presents the surface soil laboratory analyses and corresponding sample depths. Five (5) surface soil samples were analyzed for BTEX, styrene, PAHs, RCRA Metals, and cyanide. Four (4) surface soil samples were analyzed for TCL VOCs, PAHs, RCRA Metals, and cyanide. Two (2) samples were analyzed for TCL VOCs, PAHs, RCRA Metals, cyanide, and PCBs. Six (6) surface soil samples were analyzed for TCL VOCs, TCL SVOCs, Priority Pollutant Metals, cyanide, SPLP lead, and SPLP chromium. In addition, four (4) surface soil samples were analyzed for BTEX, styrene, PAHs, RCRA Metals, cyanide, and SPLP lead. Samples collected form the northwest corner of the site, currently the site of a natural gas regulator station, were analyzed for the presence of PCBs.

2.2.3 Physical Testing

Table 5 presents the tests performed on each soil sample and the depth of each sample. One surface soil sample, B-19 (2.0 to 4.0 feet bgs), was collected and analyzed for pH. Physical laboratory tests were performed on the surface soil samples collected from RPM-SB58, located on the East Parcel. The soil sample was tested for soil pH, moisture content and percent organic matter.

2.3 SUBSURFACE SOIL INVESTIGATION

Thirty (30) subsurface soil samples were collected by Burns & McDonnell from soil borings RPM-SB24, RPM-SB25, RPM-SB32, RPM-SB33, RPM-SB34, RPM-SB39 through RPM-SB47, RPM-SB60, RPM-SB76 through RPM-SB79, and RPM-SB81 through RPM-SB83 to characterize subsurface conditions at and adjacent to the site. Samples were obtained from approximately 3 to 11 feet bgs. Figure 4 presents soil boring locations and shows the distribution of the borings on an approximate grid. Appendix C presents soil boring and probe log forms that summarize these observations. Table 2 presents the subsurface soil depths and associated chemical and physical test data, respectively. Weston collected eleven (11) samples. Therefore, a total of forty-one (41) subsurface soil samples, were collected. 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

Forty-one (41) subsurface soil samples were collected: four (4) from the 3.0 to 4.0 foot depth interval, nine (9) from the 3.0 to 5.0 foot depth interval, two (2) from the 4.0 to 5.0 foot depth interval, one (1) from the 4.0 to 6.0 foot depth interval, six (6) from the 5.0 to 7.0 foot depth interval, seven (7) from the 6.0 to 8.0 foot depth interval, three (3) from the 7.0 to 8.0 foot depth interval, three (3) from the 7.0 to 9.0 foot depth interval, three (3) from the 8.0 to 10.0 foot depth interval, one (1) from the 10.0 to 12.0 foot depth interval, one (1) from the 14.0 to 15.0 foot depth interval, and one (1) from the 15.0 to 16.0 foot depth interval.

2.3.2 Chemical Analyses

Table 2 presents the subsurface soil laboratory analyses and corresponding sample depths. Fifteen (15) subsurface soil samples were collected and analyzed for BTEX, styrene, PAHs, RCRA Metals, and total

cyanide. Nine (9) subsurface soil samples were collected and analyzed for TCL VOCs, PAHs, RCRA Metals, and total cyanide. Five (5) subsurface soil samples were analyzed for TCL VOCs, PAHs, RCRA Metals, cyanide, and PCBs. Ten (10) subsurface samples were collected and analyzed for TCL VOCs, TCL SVOCs, RCRA Metals, SPLP lead and SPLP chromium. One (1) subsurface soil sample was collected and analyzed for BTEX, styrene, PAHs, RCRA Metals, total cyanide and SPLP lead. In addition, one (1) subsurface soil sample was collected and analyzed for TCL VOCs only. Therefore, a total of forty-one (41) subsurface soil samples were collected and analyzed. Samples collected from the northwest corner of the site, currently the site of a natural gas regulator station, were analyzed for the presence of PCBs.

2.3.3 Physical Testing

Table 5 presents the physical test data results and corresponding sample depth. Subsurface soil samples collected from the Main Parcel by Weston at B-9 (4.0 to 5.0 feet bgs), B-11 (4.0 to 5.0 feet bgs), B-12 (8.0 to 10.0 feet bgs), B-12 (15.0 to 16.0 bgs), B-15 (7.0 to 8.0 feet bgs), B-17 (7.0 to 8.0 feet bgs), and B-17 DUP (7.0 to 8.0 feet bgs) were collected and analyzed for pH.

Physical laboratory tests were performed on subsurface soil samples collected from RPM-SB58-003 and RPM-SB39-004. The sample from RPM-SB58, located on the East Parcel, was tested for soil pH, moisture content and percent organic matter. The sample collected from RPM-SB39 was tested for moisture content, wet soil density, dry soil density, and hydraulic conductivity (permeability).

2.4 GROUNDWATER INVESTIGATION

Burns & McDonnell collected groundwater samples from five (5) existing monitoring wells in the vicinity of the Main Parcel in June 2001. The wells are located on the Pond, East and South Parcels. 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. Table 3 presents groundwater and well elevation data. The groundwater sampling event conducted in June 2001 was intended to represent shallow groundwater conditions on all of the Parcels. The locations of the wells with respect to the Main 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 is located on the Pond Parcel. Samples were collected on June 22, 2001. Table 4 presents the analytical analyses requested for each groundwater sample.

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 prior to sampling. Purge water was collected and disposed of as special waste. The monitoring wells were sampled using a peristaltic pump with dedicated tubing and samples were collected after the wells stabilized.

2.4.2 Chemical Analyses

Five (5) groundwater samples were collected during this SI. All groundwater samples were analyzed for TCL VOCs, SVOCs (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 probes discussed in Section 2.0. Visual observations and soil characteristics were recorded on soil probe 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 Main Parcel: fill and silty clay units. The following subsections describe each of the stratigraphic units. Figure 5 shows geological cross sections from borings obtained at the Main Parcel.

3.1.1 Fill Unit

The Main Parcel contains 0 to 3.0 feet of fill material, with primarily 0.5 to 2.0 feet of overlying topsoil, gravel or asphalt paving. The fill consisted primarily of silt and sand with smaller amounts of clay, gravel, cinders, 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 3.0 feet bgs. The silty clay unit ranges from sandy silt to clay. The silty clay unit was encountered in all soil probes across the site to the depth of probe termination.

3.2 SITE HYDROGEOLOGY

During SI field activities, water was encountered in twenty-one (21) borings/probes at depths ranging from 4.0 to 12.0 feet bgs. Due to the limited presence of water, aquifer yield tests (slug or pump tests) were not performed. According to Weston (Weston 2000), the static water level was approximately 8.0 to 10.0 feet bgs.

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, odors and visual staining were noted in borings B-17 and B-19 within the Main Parcel. Tar and odors were observed at boring B-17 from approximately 3.0 to 8.0 feet bgs. At boring B-19, tar and odors were observed at 3.0 feet bgs with a PID reading of 147 parts per million. Note, that the impacted material observed at B-17 and B-19 is part of source material (former tar tanks) that extends from the Pond Parcel. The areas of impact are identified on Figure 6.

3.4 PRESENTATION OF ANALYTICAL RESULTS

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

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

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 to 3 feet bgs. A total of twenty-one (21) surface soil samples were collected and analyzed.

3.4.1.1 Surface Soil VOCs

VOC constituents were non detect in twelve (12) of the twenty-one (21) surface soil samples. Acetone, which is a common laboratory contaminant, xylenes, and carbon disulfide, were detected in three (3) surface soil samples. 2-butanone was detected in seven (7) surface soil samples. In addition, benzene was detected in four (4) surface soil samples. Chloroethane and trichloroethene were detected in one (1) surface soil sample.

The following bullets summarize detected concentrations:

- Acetone: 0.107 mg/kg to 0.626 mg/kg;
- Benzene: 0.002 mg/kg to 3.56 mg/kg;
- 2-Butanone: 0.020 mg/kg to 0.922 mg/kg;
- Carbon Disulfide: 0.005 mg/kg to 0.006 mg/kg;
- Chloroethane: 0.25 mg/kg;
- Trichloroethene: 0.007 mg/kg;
- Ethylbenzene: 2.99 mg/kg;

- Styrene: 0.702 mg/kg;
- Toluene: 3.89 mg/kg; and
- Xylenes: 0.009 mg/kg to 7.13 mg/kg.

3.4.1.2 Surface Soil SVOCs/PCBs

SVOC constituents were non detect in nine (9) of the twenty-one (21) surface soil samples. Of the samples where one or more SVOCs were observed, individual SVOC concentrations ranged from non detect to 386 mg/kg. The most frequently detected SVOCs were acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. In general, SVOC concentrations decrease with depth within the surface soil horizon. That is, the majority of detected concentrations were observed in the top one (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: 0.036 mg/kg to 7.46 mg/kg;
- Acenaphthylene: 0.030 mg/kg to 8.32 mg/kg;
- Anthracene: 0.027 mg/kg to 7.99 mg/kg;
- Benzo(a)anthracene: 0.032 mg/kg to 19.3 mg/kg;
- Benzo(b)fluoranthene: 0.026 mg/kg to 9.3 mg/kg;
- Benzo(k)fluoranthene: 0.036 mg/kg to 7.22 mg/kg;
- Benzo(g,h,i)perylene: 0.029 mg/kg to 4.6 mg/kg;
- Benzo(a)pyrene: 0.030 mg/kg to 4.47 mg/kg;
- Chrysene: 0.027 mg/kg to 18.9 mg/kg;
- Dibenz(a,h)anthracne: 0.045 mg/kg to 0.74 mg/kg;
- Dibenzofuran: 0.41 mg/kg;
- Fluoranthene: 0.030 mg/kg to 53.6 mg/kg;
- Fluorene: 0.036 mg/kg to 29.8 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.026 mg/kg to 3.74 mg/kg;
- 2-Methylnaphthalene: 17.70 mg/kg;
- Naphthalene: 0.122 mg/kg to 30.9 mg/kg;
- Phenanthrene: 0.076 mg/kg to 70.6 mg/kg; and
- Pyrene: 0.029 mg/kg to 41.3 mg/kg.

Two surface soil samples were analyzed for PCBs. No PCBs were detected in either sample.

3.4.1.3 Surface Soil Metals and Cyanide

Arsenic, barium, chromium and total lead were detected in all surface soil samples. Mercury was detected in eleven (11) samples. Cadmium was detected in seven (7) surface soil samples. Beryllium, copper, nickel, selenium, and zinc were detected in six (6) samples. Silver was detected in two (2) surface soil samples. Thallium and total cyanide were detected in one (1) sample. Antimony was not detected in any of the samples. The following bullets summarize detected concentrations:

- Arsenic: 2.050 mg/kg to 16.70 mg/kg, with the majority of the concentrations being below 13 mg/kg;
- Barium: 19.70 mg/kg to 107 mg/kg;
- Beryllium: 0.55 mg/kg to 1.20 mg/kg;
- Cadmium: 0.260 mg/kg to 0.85 mg/kg;
- Chromium: 9.25 mg/kg to 26.20 mg/kg;
- Copper: 21.4 mg/kg to 31.6 mg/kg;
- Lead: 12.3 mg/kg to 240 mg/kg;
- Mercury: 0.044 mg/kg to 0.228 mg/kg;
- Nickel: 18.4 mg/kg to 36.8 mg/kg;
- Selenium: 0.51 mg/kg to 1.04 mg/kg;
- Silver: 0.512 mg/kg;
- Thallium: 0.97 mg/kg;
- Zinc: 41.7 mg/kg to 252 mg/kg; and
- Total Cyanide: 0.54 mg/kg.

3.4.1.4 Surface Soil SPLP Lead and SPLP Chromium

Two (2) of the ten (10) surface soil samples analyzed for SPLP lead were non-detect. The detected SPLP lead concentrations were all below 0.1 mg/L, except one result (0.206 mg/L at RPM-SB33-001).

Six (6) Weston surface soil samples were analyzed for SPLP chromium. All six (6) samples were non-detect.

3.4.1.5 Surface Soil Physical Data Results

One surface soil sample collected at the East Parcel from the RPM-SB58 location (0.5 to 1.0 ft depth interval) was submitted for analysis 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.

Note that while this sample was not collected directly from the Main Parcel, the site soils, geology, and hydrogeology are consistent between the Parcels and should be representative. A sample from the

Weston investigation (B-19) was analyzed for pH as well, with a result of 8.0. This value does not represent native conditions, because it is in the vicinity of suspect source material associated with the former tar tanks located directly south of the Main Parcel (in the Pond Parcel).

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 16 feet bgs. A total of forty-one (41) subsurface soil samples were collected and analyzed.

3.4.2.1 Subsurface Soil VOCs

VOC constituents were non detect in twenty-two (22) subsurface soil samples. Benzene was detected in fifteen (15) subsurface soil samples. Xylenes were detected in five (5) subsurface soil samples. Carbon disulfide and ethylbenzene were detected in seven (7) and five (5) subsurface soil samples, respectively. Toluene was detected in six (6) subsurface soil samples. Acetone and trichloroethene were detected in seven (7) subsurface soil samples. Cis-1,2-Dichloroethene was detected in four (4) subsurface soil samples. 2-Butanone was detected in five (5) subsurface soil samples. Trans-1,2-Dichloroethene, chloroethane, 1,1-dichloroethane, and vinyl chloride were detected in two (2) subsurface soil samples. Vinyl chloride was detected in two (2) subsurface soil samples. Chlorobenzene, dibromomethane, styrene and tetrachloroethene were detected in one (1) subsurface soil sample.

The following bullets summarize detected concentrations:

- Acetone: 0.06 mg/kg to 0.21 mg/kg;
- Benzene: 0.002 mg/kg to 3.56 mg/kg;
- 2-Butanone: 0.013 mg/kg to 0.922 mg/kg;
- Carbon disulfide: 0.006 mg/kg to 0.081 mg/kg;
- Chlorobenzene: 0.005 mg/kg;
- Chloroethane: 0.061 mg/kg to 0.25 mg/kg;
- 1,1-Dichloroethane: 0.007 mg/kg to 0.064 mg/kg;
- cis-1,2-Dichloroethene: 0.063 mg/kg to 0.902 mg/kg;
- trans-1,2-Dichloroethene: 0.013 mg/kg to 0.055 mg/kg;
- Ethylbenzene: 0.006 mg/kg to 2.99 mg/kg;
- Styrene: 0.702mg/kg;
- Tetrachloroethene: 0.064 mg/kg;
- Toluene: 0.132 mg/kg to 3.89 mg/kg;
- Trichloroethene: 0.024 mg/kg to 77.5 mg/kg;
- Vinyl chloride: 0.010 mg/kg to 0.030 mg/kg; and
- Xylenes: 0.062 mg/kg to 7.13 mg/kg.

3.4.2.2 Subsurface Soil SVOCs/PCBs

SVOC constituents were non detect in thirty (30) of the subsurface soil samples. Note, one sample (B-7 from 14-15 feet bgs) was analyzed for VOCs only. Of the fourteen (14) samples where one or more SVOC was observed, individual SVOC concentrations ranged from non detect to 74.80 mg/kg. The most frequently detected SVOCs were acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene.

The following bullets summarize detected concentrations:

- Acenaphthene: 0.031 mg/kg to 18.1 mg/kg;
- Acenaphthylene: 0.8 mg/kg to 8.32 mg/kg;
- Anthracene: 0.093 to 16.6 mg/kg;
- Benzo(a)anthracene: 0.025 mg/kg to 11 mg/kg;
- Benzo(b)fluoranthene: 0.027 mg/kg to 9.3 mg/kg;
- Benzo(k)fluoranthene: 00.072 mg/kg;
- Benzo(g,h,i)perylene: 0.060 mg/kg to 5.48 mg/kg;
- Benzo(a)pyrene: 0.093 mg/kg to 2.94 mg/kg;
- Chrysene: 0.029 mg/kg to 12.70 mg/kg;
- Dibenzo(a,h)anthracene: 0.031 mg/kg to 2.58 mg/kg;
- Fluoranthene: 0.046 mg/kg to 18.70 mg/kg;
- Fluorene: 0.035 mg/kg to 31.40 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.054 mg/kg to 3.83 mg/kg;
- 2-Methylnaphthalene: 17.70 mg/kg to 32.70 mg/kg;
- Naphthalene: 15.6 mg/kg to 44.90 mg/kg;
- Phenanthrene: 0.026 mg/kg to 74.80 mg/kg; and
- Pyrene: 0.043 mg/kg to 25.20 mg/kg.

Three (3) subsurface soil samples were analyzed for PCBs. No PCBs were detected in any of the samples.

3.4.2.3 Subsurface Soil Metals and Cyanide

Arsenic, barium, chromium and total lead were detected in all subsurface soil samples. Mercury was detected in thirteen (13) subsurface soil samples. Copper and nickel were detected in eleven (11) samples. Beryllium and zinc were detected in eleven (11) samples. Cadmium was detected in seven (7) subsurface soil samples. Selenium and thallium were detected in three (3) samples. Antimony and silver were not detected in any subsurface soil samples. In addition, total cyanide was detected in two (2) subsurface soil samples.

The following bullets summarize maximum detected concentrations:

- Arsenic: 2.44 mg/kg to 29.1 mg/kg;
- Barium: 16.30 mg/kg to 78.8 mg/kg;
- Beryllium: 0.49 mg/kg to 0.82 mg/kg;
- Cadmium: 0.31 mg/kg to 0.89 mg/kg;
- Chromium: 6.54 mg/kg to 27.0 mg/kg;
- Copper: 17.1 mg/kg to 34.4 mg/kg;
- Lead: 9.53 mg/kg to 235 mg/kg;
- Mercury: 0.040 mg/kg to 0.765 mg/kg;
- Nickel: 16.5 mg/kg to 40.2 mg/kg;
- Selenium: 0.51 mg/kg to 0.71 mg/kg;
- Thallium: 0.97 mg/kg to 1.4 mg/kg;
- Zinc: 38.3 mg/kg to 397 mg/kg; and
- Total cyanide: 0.30 mg/kg to 0.54 mg/kg.

3.4.2.4 Subsurface Soil SPLP Lead and SPLP Chromium

Eleven (11) of the thirteen (13) subsurface soil samples analyzed for SPLP lead were non-detect. The SPLP detections were below 0.1 mg/L.

Eleven (11) of the twelve (12) subsurface soil samples analyzed for SPLP chromium were non-detect. SPLP chromium was detected in one (1) subsurface soil samples at a concentration of 0.05 mg/L.

3.4.2.5 Subsurface Soil Physical Data Results

Nine (9) subsurface soil samples, from the Main Parcel were collected by Weston and tested for pH. Subsurface soil sample, RPM-SB30H (Main Parcel), was tested for moisture content, pH and organic matter. The results, shown on Table 5, are as follows:

- Soil pH 7.5 to 9.6;
- Organic matter 1.32 percent; and
- Moisture content 7.81 percent.

The highest pH was measured in a soil sample that was collected from below the water table, so it was not used to represent conditions above the water table.

A sample from RPM-SB39 was collected from the 7.0 to 8.0 foot depth interval on the Main Parcel and was analyzed for moisture content, wet and dry soil density, and hydraulic conductivity. The results, shown on Table 5, are as follows:

- Moisture content 26.7 percent;
- Wet 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.

The following bullets summarize maximum detected concentrations:

- Arsenic: 2.44 mg/kg to 29.1 mg/kg;
- Barium: 16.30 mg/kg to 78.8 mg/kg;
- Beryllium: 0.49 mg/kg to 0.82 mg/kg;
- Cadmium: 0.31 mg/kg to 0.89 mg/kg;
- Chromium: 6.54 mg/kg to 27.0 mg/kg;
- Copper: 17.1 mg/kg to 34.4 mg/kg;
- Lead: 9.53 mg/kg to 235 mg/kg;
- Mercury: 0.040 mg/kg to 0.765 mg/kg;
- Nickel: 16.5 mg/kg to 40.2 mg/kg;
- Selenium: 0.51 mg/kg to 0.71 mg/kg;
- Thallium: 0.97 mg/kg to 1.4 mg/kg;
- Zinc: 38.3 mg/kg to 397 mg/kg; and
- Total cyanide: 0.30 mg/kg to 0.54 mg/kg.

3.4.2.4 Subsurface Soil SPLP Lead and SPLP Chromium

Eleven (11) of the thirteen (13) subsurface soil samples analyzed for SPLP lead were non-detect. The SPLP detections were below 0.1 mg/L.

Eleven (11) of the twelve (12) subsurface soil samples analyzed for SPLP chromium were non-detect. SPLP chromium was detected in one (1) subsurface soil samples at a concentration of 0.05 mg/L.

3.4.2.5 Subsurface Soil Physical Data Results

Nine (9) subsurface soil samples, from the Main Parcel were collected by Weston and tested for pH. Subsurface soil sample, RPM-SB30H (Main Parcel), was tested for moisture content, pH and organic matter. The results, shown on Table 5, are as follows:

- Soil pH 7.5 to 9.6;
- Organic matter 1.32 percent; and
- Moisture content 7.81 percent.

The highest pH was measured in a soil sample that was collected from below the water table, so it was not used to represent conditions above the water table.

A sample from RPM-SB39 was collected from the 7.0 to 8.0 foot depth interval on the Main Parcel and was analyzed for moisture content, wet and dry soil density, and hydraulic conductivity. The results, shown on Table 5, are as follows:

- Moisture content 26.7 percent;
- Wet 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.

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 from five (5) groundwater monitoring wells. The wells are all in the vicinity of the Main 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 non detect in four (4) of the five (5) groundwater samples. The groundwater samples were analyzed for PAHs. Naphthalene and fluorene were detected in sample RPM-MW05-002 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 and anticipated use of the Main Parcel is industrial/commercial. The 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 primarily paved and is secured with a fence, 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

During SI field activities, odors and visual staining were noted in borings B-17 and B-19 within the Main Parcel property boundary. Impacted material was observed at 3.0 to 8.0 feet bgs at B-17 and 3.0 feet bgs at B-19. The impacted area detected in the Main Parcel extends from the former tar tanks in the Pond Parcel. The impacted appears to be confined to limited areas in the Main Parcel. The areas of impact are identified on Figure 6.

Also, operations on the former C. P. Clare Property, located north of the Main Parcel, impacted soil along the northern edge of the Main Parcel. The impacts are associated with chlorinated solvents. Remediation was conducted, but was ceased before completion in 1997. Deed restrictions, limiting future use of limited portions of the northern edge of the Main Parcel to industrial/commercial have been proposed.

4.2 IDENTIFICATION AND EVALUATION OF EXPOSURE ROUTES

This section compares analytical data results from the Main 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 1 screening levels are based on conservative assumptions and have no site-specific information factored into their development.

Future use of the Main Parcel is not expected to change from the present use. Therefore, the Tier 1 screening presented herein, was performed for industrial/commercial properties.

In this Tier 1 screening, soil data collected during the Weston investigation and the soil data collected as part of the Burns & McDonnell field activities were evaluated. Soil data was screened against published values for three separate exposure routes: 1) soil ingestion, 2) soil inhalation, and 3) soil migration to groundwater. Groundwater data from the site is compared to Tier 1 screening levels for the ingestion of Class II groundwater. The Tier 1 screening tables (including the Weston data and the Burns & McDonnell data) for the three soil exposure routes are presented as Tables 9, 10, and 11. The Class II groundwater ingestion Tier 1 screening table 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 an industrial/commercial population. 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 the twenty-one (21) soil samples screened, four (4) samples exceeded Tier 1 screening levels for at least one constituent. No VOC screening levels were exceeded. Benzo(a)anthracene and benzo(a)pyrene, which are polynuclear aromatic hydrocarbons (PAHs), were exceeded in B-19 and SS-07. Arsenic was the only inorganic constituent that exceeded Tier 1 screening levels. Arsenic slightly exceeded the screening level in two (2) locations.

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. Table 10 presents data screened against Tier 1 screening levels. Of fifty-nine (59) samples screened, the only samples that exceeded the Tier 1 screening levels for industrial/commercial properties were collected from the B-17 and B-19 borings. These 2 areas are located just north of the former tar tanks that are situated in the Pond Parcel. The soil inhalation screening level for benzene was exceeded in three (3) soil samples collected from these two (2) borings.

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. 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 Main Parcel. Weston reported difficulty in collecting groundwater samples from the two monitoring wells (MW03 and MW04) due to slow recharge. Also, Weston 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. Grain size testing performed on the silty clay and the soil permeability test support this conclusion. 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 7.5 to 9.6, although the high pH values correspond to areas of suspect impact or deeper soils. Native soil pH range is more likely 7.5

to 8.0. The Illinois EPA proposed Table D in Appendix B of TACO, where values are presented for pHs up to 9.0 was used, unless SPLP data was available. No pH dependent Tier 1 screening value was available for chromium or silver in Class II groundwater, so the Class I groundwater screening value was selected for chromium and silver. 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 intended future use of the site is industrial/commercial, the MSA background value of 36 mg/kg was used, unless SPLP data was available. 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.

Of the sixty-two (62) samples screened, limited samples exceeded the relevant Tier 1 screening levels. Benzene exceeded the relevant Tier 1 screening level in three (3) samples (again, in the samples collected from B-17 and B-19, located just north of the former tar tanks). Four (4) samples, collected at shallow depths, exceeded the relevant Tier 1 screening level for benzo(a)anthracene. Three (3) samples exceeded the relevant Tier 1 screening level for total lead (MSA background of 36 mg/kg), although had SPLP analyses been performed on these samples, the result would most likely be well below the screening level of 0.1 mg/l. Chromium very slightly exceeded the Tier 1 screening level (defaulted to the Class I groundwater screening level for hexavalent chromium) in RPM-SB46-001. SPLP analyses were not performed on this sample. Had the analyses been performed, the result would have been well below the screening level of 1.0 mg/l. Trichloroethene exceeded the Tier 1 screening level in one location along the northern edge of the Parcel, where operations on the former C. P. Clare impacted the site.

A surface soil sample collected from boring RPM-SB33 exceeded the Tier 1 screening level of 0.1 mg/L for SPLP lead for the soil migration to Class II groundwater pathway. SPLP lead was detected in sample RPM-SB33-001 at a concentration of 0.206 mg/L. This sample was collected from an area where underground piping associated with the former gas holder was believed to exist. The limited lead impacted area surrounding boring RPM-SB33 was identified as a significant finding and is shown on Figure 6.

4.2.4 Groundwater Exposure Route

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

4.3.1 Potential Source Areas

Two source areas were identified on the Pond Parcel, one of which extends onto the Main Parcel, as shown on Figure 6. The area of source material extends into the western portion of the Main Parcel along the fence line. Soil borings B-17 and B-19 contained impacted material from 3.0 to 8.0 feet bgs. Another very small area of concern within the Main Parcel appears to be impacted by lead. A surface soil sample collected from boring RPM-SB33 exceeded the Tier 1 screening level of 0.1 mg/L for SPLP lead for the soil migration to Class II groundwater pathway. SPLP lead was detected in sample RPM-SB33-001 (collected from 1.0 to 2.0 feet bgs) at a concentration of 0.206 mg/L. A limited lead impacted area surrounding boring RPM-SB33 appears to be related to potential underground piping associated with the former gas holder.

4.3.2 Potential Migration Pathways

Underground utilities located at the site are present to the north of the source area located in the Pond Parcel. In the center of the former gas holder (in the Pond Parcel), a storm sewer line runs north-south through this area (onto the Main Parcel), to collect and convey stormwater runoff from the parking lot. Free product was encountered in the deeper soil sample collected from the center of the former gas holder. However, the free product was not observed above seven feet and the storm sewer lies within the a few feet of the ground surface. Therefore, the line does not appear to be a migration pathway. The site is covered with asphalt paving, gravel surface and vegetation. Infiltration of incidental precipitation in the unpaved areas would be the only transport mechanism to the subsurface.

Also, migration of constituents (associated with chlorinated solvents) onto the Main Parcel from the former C. P. Clare Property, located north of the site, has occurred. The migration appears to be limited and remediation has occurred. Residual impacts are still present, primarily below the groundwater elevation.

4.3.3 Environmental Behavior of Constituents of Interest

Constituents of interest detected at the site are grouped into three basic categories: BTEX, 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 pyrolyis 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 BTEX Constituents

Relative to PAHs, BTEX compounds have lower molecular weights, are less dense (lighter than water), have higher solubilities and vapor pressures (and therefore more volatility), and a lower affinity to bind to soil particles.

BTEX fate and transport is primarily based on benzene data because BTEX compounds are similar in physical and chemical characteristics and more information is available concerning benzene's fate and transport.

The environmental fate of benzene under subsurface conditions is controlled by its relatively high solubility in water and low tendency to bind to organic matter.

Advection is the most probable transport mechanism for benzene and other light aromatic compounds in the subsurface because most light aromatics readily partition to groundwater. Naturally occurring biodegradation is likely to be the primary mechanism for benzene reduction in groundwater and subsurface soil. The presence of other hydrocarbons, such as naphthalene, is likely to enhance this process.

4.3.3.3 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 SHALLOW SOILS

The statistical 95 percent upper confidence limit (UCL) was calculated for arsenic using the analytical results obtained from the twenty-one (21) soil samples collected from the site. The 95 UCL provides a

conservative estimate of the mean concentration. The 95 UCL of the mean for the lognormal distribution 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
Sy = standard deviation of the loge – transformed data
n = number of monitoring sample
a = significance level (0.05)
H = H value

The 95 UCL for arsenic was calculated to be 7.730 mg/kg. This is below the TACO metropolitan statistical area concentration (13 mg/kg) for arsenic. Therefore, arsenic is eliminated from further consideration.

5.0 CONCLUSIONS

The overall objective of the Rogers Park Sub-Shop Main 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 Main 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, odors and visual staining were noted in borings B-17 and B-19 within the Main Parcel property boundary. Impacted material was observed from 3.0 to 8.0 feet bgs in boring B-17 and at 3.0 feet bgs at boring B-19. The impacted material observed at the Main Parcel extends to the north, from the Pond Parcel. The potential source material appears to be confined to a limited area. A surface soil sample collected from boring RPM-SB33 exceeded the Tier 1 screening level of 0.1 mg/L for SPLP lead for the soil migration to Class II groundwater pathway. SPLP lead was detected in sample RPM-SB33-001 at a concentration of 0.206 mg/L. A limited lead impacted area surrounding boring RPM-SB33 is believed to be associated with abandoned underground piping related to the former gas holder.

The 95 UCL for arsenic was calculated to be 7.730 mg/kg. This is below the TACO metropolitan statistical area concentration (13 mg/kg) for arsenic. Therefore, arsenic at the site is eliminated from further consideration.

Due to the measured concentration of SPLP lead obtained from one (1) near surface soil sample on the Main Parcel and the limited presence of benzene and certain SVOCs (PAHs) in limited soil samples, further evaluation is warranted. A ROR/RAP/RCAR will be developed to refine and address identified constituents of concern in soil. Also, residual impacts associated with migration onto the Main Parcel from the former C. P. Clare Property to the north should be further evaluated.

6.0 REFERENCES

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Tables
Rogers Park Main Parcel

Table 1 Surface Soil Samples Collected for Chemical Analyses Rogers Park Main Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB24-001	0.5-1	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB25-001	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB32-001	1-2	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB32-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB33-001	1-2	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB33-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB39-001	0-1	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB39-002	2-3	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB40-001	0-1	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB40-002	2-3	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB42-001	2-3	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB44-001	2-3	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB46-001	1-2	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB79-001	2-4	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB80-001	2-4	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
B-8	2-4	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium
B-19	2-4	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium

Table 1 (continued) Surface Soil Samples Collected for Chemical Analyses Rogers Park Main Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
SS-07	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium
SS-08	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium
SS-09	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium
SS-11	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, SPLP Chromium

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes
PAHs - Polynuclear Aromatic Hydrocarbon
PCBs - Polychlorinated Biphenyls
RCRA - Resource Conservation and Recovery Act
SPLP - Sythhetic Precipitation Leaching Procedure
SVOCs - Semivolatile Organic Compounds
TCL - Target Compound List
VOCs - Volatile Organic Compounds

Table 2 Subsurface Soil Samples Collected for Chemical Analyses Rogers Park Main Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB24-002	3-4	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB24-003	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB25-002	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB32-003	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB33-003	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB33-004	7-9	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB34-001	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB39-003	3-5	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB40-003	7-9	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB41-001	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB42-002	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB43-001	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB44-002	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB45-001	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB46-002	4-6	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB47-001	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB60-001	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB60-002	7-9	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB76-001	3-5	TCL VOCs, PAHs, RCRA Metals, and Cyanide

Table 2 (continued) Subsurface Soil Samples Collected for Chemical Analyses Rogers Park Main Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB76-002	6-8	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB77-001	3-4	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB77-002	8-10	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB78-001	3-5	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB78-002	6-8	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB79-002	6-8	TCL VOCs, PAHs, RCRA Metals, Cyanide, and PCBs
RPM-SB81-001	3-4	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB81-002	6-8	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB82-001	7-8	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB83-001	3-4	TCL VOCs, PAHs, RCRA Metals, and Cyanide
RPM-SB83-002	6-8	TCL VOCs, PAHs, RCRA Metals, and Cyanide
B-6	6-8	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-7	10-12	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-7	14-15	TCL VOCs
B-9	4-5	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-10	6-8	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-11	4-5	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-12	8-10	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium

Table 2 (continued) Subsurface Soil Samples Collected for Chemical Analyses Rogers Park Main Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
B-12	15-16	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-17	7-8	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-17 Dup	7-8	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-19	8-10	TCL VOCs, PAHs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes
PAHs - Polynuclear Aromatic Hydrocarbon
PCBs - Polychlorinated Biphenyls
RCRA - Resource Conservation and Recovery Act
SPLP - Sythhetic Precipitation Leaching Procedure
SVOCs - Semivolatile Organic Compounds
TCL - Target Compound List
VOCs - Volatile Organic Compounds

Table 3
Groundwater Elevations
Rogers Park Main Parcel

Monitoring Well Number	Date	Relative Well Elevation (feet)	Depth to Water bgs (feet)	Relative Groundwater Elevation (feet)
MW01	06/22/01	85.6	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	1.95	96.05

NOTES:
bgs - below ground surface

Table 4 Groundwater Sample Analyses Rogers Park Main Parcel	
Sample Number	**Analyses**
MW01	TCL VOCs, 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

PAHs - Polynuclear Aromatic Hydrocarbon
RCRA - Resource Conservation and Recovery Act
TCL - Target Compound List
VOCs - Volatile Organic Compounds

Table 5
Soil Physical Testing Results
Rogers Park Main Parcel

	Sample Location and Depth (feet below ground surface)			
	B-9 4-5'	B-11 4-5'	B-12 8-10'	B-12 15-16'
Grain Size (% passing #200 sieve)	NA	NA	NA	NA
pH	7.5	8	9.6	8.4
Organic Matter	NA	NA	NA	NA
Moisture Content	NA	NA	NA	NA

	Sample Location and Depth (feet below ground surface)			
	B-15 7-8'	B-15 11-12'	B-17 7-8'	B-17 DUP 7-8'
Grain Size (% passing #200 sieve)	NA	NA	NA	NA
pH	7.9	7.9	7.8	7.7
Organic Matter	NA	NA	N/A	NA
Moisture Content	NA	NA	NA	NA

	Sample Location and Depth (feet below ground surface)			
	B-19 2-4'	RPM-SB30H-001 8'	RPM-SB58-003* 0.5-1'	
Grain Size (% passing #200 sieve)	NA	NA	NA	
pH	8	9.48	8.42	
Organic Matter	NA	1.32%	2.92%	
Moisture Content	NA	7.81%	15.75%	

	Sample Location and Depth (feet below ground surface)			
	RPM -SB39-004 7-8'			
Moisture Content	26.7%			
Wet Soil Density (g/cm^3)	2.24			
Dry Soil Density (g/cm^3)	1.77			
Hydraulic Conductivity (cm/sec)	3.00E-09			

*This sample was collected from the East Parcel at Rogers Park.
NA - Not Analyzed
Grain Size - ASTM D-422
Wet/Dry Soil Density - ASTM D2937
Hydraulic Conductivity - ASTM D5084
pH - Method 9045C
Organic Matter - ASTM 2974-87C
Moisture Content - ASTM-2216
g/cm^3 - grams per centimeter cubed
cm/sec - centimeters per second

Table 6
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB24-001 0.5-1'	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'
	WT ~ 10'	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002U	0.007	0.002	0.002U	0.003J
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	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
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)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	0.027	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.085	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	0.053	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	0.067	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	0.036	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.045	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB24-001 0.5-1'	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'
	WT ~ 10'	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'
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	0.084	0.025U	0.025U	0.025U	0.025U
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.175	0.025U	0.025U	0.034	0.025U
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.040	0.025U	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.076	0.025U	0.025U	0.025U	0.025U
Pyrene	0.173	0.025U	0.025U	0.040	0.025U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	14.60	10.70	5.72	7.83	2.44
Barium	23.10	60.20	39.40	73.40	39.70
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.5U	0.5U	0.5U	0.5U	0.5U
Chromium	19.80	27.00	16.70	26.20	16.80
Copper	NA	NA	NA	NA	NA
Lead	32.50	18.70	16.90	16.70	14.10
Mercury	0.04U	0.050	0.044	0.04U	0.04U
Nickel	NA	NA	NA	NA	NA
Selenium	1.04	1U	1U	1U	1U
Silver	0.5U	0.5U	0.5U	0.5U	0.5U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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) WT ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB32-003 3-5'	RPM-SB33-001 1-2'	RPM-SB33-002 2-3'
	WT ~ 12'	WT ~ 12'	WT ~ 12'	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002U	0.002U	0.002U	0.002	0.008
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	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
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)	0.005U	0.005U	0.005U	0.005U	0.009
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.070	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.030	0.025U
Anthracene	0.025U	0.025U	0.025U	0.086	0.025U
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.057	0.032
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.026	0.026
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.036	0.025U
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.029	0.025U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.049	0.030
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB32-001 1-2' WT ~ 12'	RPM-SB32-002 2-3' WT ~ 12'	RPM-SB32-003 3-5' WT ~ 12'	RPM-SB33-001 1-2' WT ~ NE	RPM-SB33-002 2-3' 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	0.025U	0.025U	0.025U	0.065	0.037
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.079	0.025U
Fluorene	0.025U	0.025U	0.025U	0.098	0.025U
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	0.025U	0.025U	0.025U	0.026	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.122	0.132
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	0.025U	0.025U	0.025U	0.306	0.083
Pyrene	0.025U	0.025U	0.025U	0.101	0.055
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	3.550	2.050	8.100	5.020	4.200
Barium	66.300	58.800	42.500	59.300	39.000
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	20.100	20.900	22.600	14.200	11.900
Copper	NA	NA	NA	NA	NA
Lead	21.800	16.300	13.500	179.000	240.000
Mercury	0.040U	0.040U	0.040U	0.040U	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.000U	1.000U	1.000U	1.000U	1.000U
Silver	0.500U	0.500U	0.500U	0.512	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	0.206	0.015
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 2-3'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	0.626J	0.025U
Benzene	0.002U	0.093	0.006	0.005U	0.005U
Bromodichloromethane	NA	NA	NA	0.005U	0.005U
Bromoform	NA	NA	NA	0.005U	0.005U
Bromomethane	NA	NA	NA	0.010U	0.010U
2-Butanone	NA	NA	NA	0.077	0.010U
Carbon Disulfide	NA	NA	NA	0.005	0.005U
Carbon Tetrachloride	NA	NA	NA	0.005U	0.005U
Chlorobenzene	NA	NA	NA	0.005U	0.005U
Chlorodibromomethane	NA	NA	NA	0.005U	0.005U
Chloroethane	NA	NA	NA	0.010U	0.010U
Chloroform	NA	NA	NA	0.005U	0.005U
Chloromethane	NA	NA	NA	0.010U	0.010U
1,1-Dichloroethane	NA	NA	NA	0.005U	0.005U
1,2-Dichloroethane	NA	NA	NA	0.005U	0.005U
1,1-Dichloroethene	NA	NA	NA	0.005U	0.005U
cis-1,2-Dichloroethene	NA	NA	NA	0.005U	0.005U
trans-1,2-Dichloroethene	NA	NA	NA	0.005U	0.005U
1,2-Dichloropropane	NA	NA	NA	0.005U	0.005U
cis-1,3-Dichloropropene	NA	NA	NA	0.005U	0.005U
trans-1,3-Dichloropropene	NA	NA	NA	0.005U	0.005U
EthylBenzene	0.005U	2.150	0.005U	0.005U	0.005U
2-hexanone	NA	NA	NA	0.010U	0.010U
4-methyl-2-pentanone	NA	NA	NA	0.010U	0.010U
Methylene Chloride	NA	NA	NA	0.010U	0.010U
Styrene	0.005U	0.05U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	0.005U	0.005U
Tetrachloroethene	NA	NA	NA	0.005U	0.005U
Toluene	0.005U	0.132	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	NA	NA	NA	0.005U	0.005U
1,1,2-Trichloroethane	NA	NA	NA	0.005U	0.005U
Trichloroethene	NA	NA	NA	0.005U	0.005U
Vinyl Acetate	NA	NA	NA	0.010U	0.010U
Vinyl Chloride	NA	NA	NA	0.010U	0.010U
Xylenes (total)	0.005U	4.540	NA	0.014	0.014
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 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	0.025U	0.025U	0.025U	0.027	0.025U
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.038	0.025U
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Pyrene	0.025U	0.025U	0.025U	0.029	0.025U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	9.920	6.740	8.62	16.70	2.68
Barium	52.000	46.700	54.50	85.50	58.70
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	14.000	18.800	22.50	20.70	21.30
Copper	NA	NA	NA	NA	NA
Lead	12.400	91.100	15.40	27.90	15.90
Mercury	0.040U	0.040U	0.040U	0.040U	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.000U	1.000U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	0.005U	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 3-5'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	0.131	0.265	0.107	0.060	NA
Benzene	0.005U	0.005U	0.005U	0.005U	0.002U
Bromodichloromethane	0.005U	0.005U	0.005U	0.005U	NA
Bromoform	0.005U	0.005U	0.005U	0.005U	NA
Bromomethane	0.010U	0.010U	0.010U	0.010U	NA
2-Butanone	0.016	0.029	0.020	0.013	NA
Carbon Disulfide	0.059	0.005U	0.006	0.005U	NA
Carbon Tetrachloride	0.005U	0.005U	0.005U	0.005U	NA
Chlorobenzene	0.005U	0.005U	0.005U	0.005U	NA
Chlorodibromomethane	0.005U	0.005U	0.005U	0.005U	NA
Chloroethane	0.010U	0.010U	0.010U	0.010U	NA
Chloroform	0.005U	0.005U	0.005U	0.005U	NA
Chloromethane	0.010U	0.010U	0.010U	0.010U	NA
1,1-Dichloroethane	0.005U	0.005U	0.005U	0.005U	NA
1,2-Dichloroethane	0.005U	0.005U	0.005U	0.005U	NA
1,1-Dichloroethene	0.005U	0.005U	0.005U	0.005U	NA
cis-1,2-Dichloroethene	0.444J	0.005U	0.005U	0.104	NA
trans-1,2-Dichloroethene	0.005U	0.005U	0.005U	0.013	NA
1,2-Dichloropropane	0.005U	0.005U	0.005U	0.005U	NA
cis-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	NA
trans-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	NA
EthylBenzene	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	0.010U	0.010U	0.010U	0.010U	NA
4-methyl-2-pentanone	0.010U	0.010U	0.010U	0.010U	NA
Methylene Chloride	0.010U	0.010U	0.010U	0.010U	NA
Styrene	0.005U	0.005U	0.005U	0.005U	NA
1,1,2,2-Tetrachloroethane	0.005U	0.005U	0.005U	0.005U	NA
Tetrachloroethene	0.005U	0.005U	0.005U	0.005U	NA
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	0.005U	0.005U	0.005U	0.005U	NA
1,1,2-Trichloroethane	0.005U	0.005U	0.005U	0.005U	NA
Trichloroethene	0.024	0.005U	0.005U	0.080	NA
Vinyl Acetate	0.010U	0.010U	0.010U	0.010U	NA
Vinyl Chloride	0.030	0.010U	0.010U	0.010U	NA
Xylenes (total)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 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	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Pyrene	0.025U	0.025U	0.025U	0.025U	0.025U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	2.54	3.74	5.34	11.50	7.56
Barium	59.90	54.10	52.60	54.10	73.30
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	20.40	17.50	22.00	20.40	19.50
Copper	NA	NA	NA	NA	NA
Lead	14.10	24.60	15.00	15.10	15.30
Mercury	0.040U	0.101	0.040U	0.040U	0.047
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002U	0.002U	0.003J	0.002U	0.002U
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	0.005U	0.005U	0.005UJ	0.005U	0.005U
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	0.005U	0.005U	0.005UJ	0.005U	0.005U
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)	0.005U	0.005U	0.005UJ	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.025UJ
Acenaphthylene	0.025U	0.025U	0.025U	0.039	0.025UJ
Anthracene	0.025U	0.025U	0.025U	0.025U	0.025UJ
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.087	0.025UJ
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.046	0.025UJ
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.046	0.025UJ
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.033	0.025UJ
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.071	0.025UJ
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
Compound/Analyte	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	0.025U	0.025U	0.025U	0.153	0.025UJ
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025UJ
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	0.030	0.025U	0.025U	0.114	0.025UJ
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025UJ
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	0.025U	0.025U	0.025U	0.030	0.025UJ
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025UJ
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	0.025U	0.025U	0.025U	0.098	0.025UJ
Pyrene	0.025U	0.025U	0.025U	0.157	0.025UJ
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.80	2.65	10.20	7.17	4.13
Barium	62.90	45.20	45.60	89.30	55.20
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.659	0.500U
Chromium	20.90	19.60	23.00	21.20	22.00
Copper	NA	NA	NA	NA	NA
Lead	70.60	27.30	17.40	121.00	14.70
Mercury	0.044	0.040U	0.040U	0.071	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.012	NA	NA	0.006	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB45-001 3-5'	RPM-SB46-001 1-2'	RPM-SB46-002 4-6'	RPM-SB47-001 5-7'	RPM-SB60-001 3-5'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002	0.002U	0.003	0.002U	0.004
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	0.005U	0.005U	0.005U	0.005U	0.005U
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	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
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)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.037
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.048
Anthracene	0.025U	0.025U	0.025U	0.025U	0.093
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.025U	0.044
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB45-001 3-5'	RPM-SB46-001 1-2'	RPM-SB46-002 4-6'	RPM-SB47-001 5-7'	RPM-SB60-001 3-5'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'	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	0.025U	0.025U	0.025U	0.025U	0.050
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.067
Fluorene	0.025U	0.025U	0.025U	0.025U	0.152
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	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.277
Pyrene	0.025U	0.025U	0.025U	0.025U	0.111
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	9.31	3.87	2.49	3.35	7.95
Barium	40.80	60.70	55.90	25.20	47.70
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	19.70	24.20	19.60	10.20	21.70
Copper	NA	NA	NA	NA	NA
Lead	15.40	15.20	15.60	9.53	18.10
Mercury	0.040U	0.040U	0.400U	0.400U	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB77-002 8-10'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	WT ~ 8'
TCL VOCs (mg/kg)					
Acetone	NA	0.08	0.025U	0.025U	0.025U
Benzene	0.002U	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	NA	0.005U	0.005U	0.005U	0.005U
Bromoform	NA	0.005U	0.005U	0.005U	0.005U
Bromomethane	NA	0.010U	0.010U	0.010U	0.010U
2-Butanone	NA	0.024	0.010U	0.010U	0.010U
Carbon Disulfide	NA	0.005U	0.005U	0.005U	0.005U
Carbon Tetrachloride	NA	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	NA	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	NA	0.005U	0.005U	0.005U	0.005U
Chloroethane	NA	0.010U	0.010U	0.010U	0.010U
Chloroform	NA	0.005U	0.005U	0.005U	0.005U
Chloromethane	NA	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	NA	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	NA	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	NA	0.005U	0.005U	0.005U	0.005U
trans-1,2-Dichloroethene	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloropropane	NA	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	NA	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	NA	0.005U	0.005U	0.005U	0.005U
EthylBenzene	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	NA	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	NA	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	NA	0.010U	0.010U	0.010U	0.010U
Styrene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	NA	0.005U	0.005U	0.005U	0.005U
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	NA	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	NA	0.005U	0.005U	0.005U	0.005U
Trichloroethene	NA	0.005U	0.005U	0.005U	0.005U
Vinyl Acetate	NA	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	NA	0.010U	0.010U	0.010U	0.010U
Xylenes (total)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.025	0.025U
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.030	0.025U
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB77-002 8-10'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	WT ~ 8'
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	0.025U	0.025U	0.025U	0.030	0.025U
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.046	0.025U
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.025U	0.025U	0.025U	0.025U	0.025U
Pyrene	0.025U	0.025U	0.025U	0.044	0.025U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	5.23	6.69	3.46	5.45	9.81
Barium	48.70	74.70	54.80	16.30	56.90
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	21.30	19.70	21.30	6.54	21.90
Copper	NA	NA	NA	NA	NA
Lead	13.10	30.40	12.00	237.00	14.10
Mercury	0.040U	0.040U	0.040U	0.53	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.30	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	0.080U	0.080U
Aroclor 1221	NA	NA	NA	0.080U	0.080U
Aroclor 1232	NA	NA	NA	0.080U	0.080U
Aroclor 1242	NA	NA	NA	0.080U	0.080U
Aroclor 1248	NA	NA	NA	0.080U	0.080U
Aroclor 1254	NA	NA	NA	0.160U	0.160U
Aroclor 1260	NA	NA	NA	0.160U	0.160U

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

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB78-001 3-5'	RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB79-002 6-8'	RPM-SB80-001 2-4'
	WT ~ NE	WT ~ NE	WT ~ 4'	WT ~ 4'	WT ~ 5'
TCL VOCs (mg/kg)					
Acetone	0.025U	0.025U	0.025U	0.21	0.025U
Benzene	0.005U	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	0.005U	0.005U	0.005U	0.005U	0.005U
Bromoform	0.005U	0.005U	0.005U	0.005U	0.005U
Bromomethane	0.010U	0.010U	0.010U	0.010U	0.010U
2-Butanone	0.010U	0.010U	0.010U	0.010U	0.010U
Carbon Disulfide	0.005U	0.005U	0.005U	0.081	0.005U
Carbon Tetrachloride	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	0.005U	0.005U	0.005U	0.005U	0.005U
Chloroethane	0.010U	0.010U	0.010U	0.010U	0.010U
Chloroform	0.005U	0.005U	0.005U	0.005U	0.005U
Chloromethane	0.010U	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
trans-1,2-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
1,2-Dichloropropane	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	0.005U
EthylBenzene	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	0.010U	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	0.010U	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	0.010U	0.010U	0.010U	0.010U	0.010U
Styrene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
Trichloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
Vinyl Acetate	0.010U	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	0.010U	0.010U	0.010U	0.010U	0.010U
Xylenes (total)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.025U	0.025U	0.071	0.025U	0.036
Acenaphthylene	0.059	0.025U	0.025U	0.050	0.025U
Anthracene	0.025U	0.025U	0.077	0.051	0.114
Benzo[a]anthracene	0.097	0.025U	0.134	0.087	0.299
Benzo[b]fluoranthene	0.080	0.025U	0.077	0.092	0.155
Benzo[k]fluoranthene	0.072	0.025U	0.108	0.072	0.208
Benzo[g,h,i]perylene	0.066	0.025U	0.099	0.060	0.169
Benzo[a]pyrene	0.093	0.025U	0.115	0.097	0.275
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB78-001 3-5'	RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB79-002 6-8'	RPM-SB80-001 2-4'
	WT ~ NE	WT ~ NE	WT ~ 4'	WT ~ 4'	WT ~ 5'
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	0.110	0.029	0.149	0.093	0.308
Dibenz[a,h]anthracene	0.025U	0.025U	0.045	0.031	0.089
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	0.087	0.052	0.271	0.098	0.750
Fluorene	0.025U	0.025U	0.036	0.025U	0.039
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	0.056	0.025U	0.088	0.054	0.166
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.032	0.026	0.124	0.046	0.360
Pyrene	0.117	0.043	0.230	0.101	0.569
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	2.47	12.80	6.19	6.28	4.34
Barium	61.00	47.10	19.70	78.80	28.80
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	20.40	21.90	26.00	21.80	9.25
Copper	NA	NA	NA	NA	NA
Lead	19.00	17.70	26.40	65.70	47.20
Mercury	0.040U	0.040U	0.040U	0.040U	0.228
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.54
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	0.080U	0.080U	0.080U	0.080U	0.080U
Aroclor 1221	0.080U	0.080U	0.080U	0.080U	0.080U
Aroclor 1232	0.080U	0.080U	0.080U	0.080U	0.080U
Aroclor 1242	0.080U	0.080U	0.080U	0.080U	0.080U
Aroclor 1248	0.080U	0.080U	0.080U	0.080U	0.080U
Aroclor 1254	0.160U	0.160U	0.160U	0.160U	0.160U
Aroclor 1260	0.160U	0.160U	0.160U	0.160U	0.160U

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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	RPM-SB81-001 3-4' WT ~ 4'	RPM-SB81-002 6-8' WT ~ 4'	RPM-SB82-001 7-8' WT ~ 7'	RPM-SB83-001 3-4' WT ~ 9'	RPM-SB83-002 6-8' WT ~ 9'
TCL VOCs (mg/kg)					
Acetone	0.13	0.06	0.025U	0.025U	0.025U
Benzene	0.005U	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	0.005U	0.005U	0.005U	0.005U	0.005U
Bromoform	0.005U	0.005U	0.005U	0.005U	0.005U
Bromomethane	0.010U	0.010U	0.010U	0.010U	0.010U
2-Butanone	0.020	0.010U	0.010U	0.010U	0.010U
Carbon Disulfide	0.005U	0.005U	0.005U	0.005U	0.005U
Carbon Tetrachloride	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	0.005U	0.005U	0.005U	0.005U	0.005U
Chloroethane	0.010U	0.010U	0.010U	0.010U	0.010U
Chloroform	0.005U	0.005U	0.005U	0.005U	0.005U
Chloromethane	0.010U	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.902
trans-1,2-Dichloroethene	0.005U	0.005U	0.005U	0.005U	0.055
1,2-Dichloropropane	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	0.005U	0.005U	0.005U	0.005U	0.005U
EthylBenzene	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	0.010U	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	0.010U	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	0.010U	0.010U	0.010U	0.010U	0.010U
Styrene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	0.005U	0.005U	0.005U	0.005U	0.005U
Toluene	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	0.005U	0.005U	0.005U	0.005U	0.005U
Trichloroethene	0.005U	0.005U	0.005U	0.005U	3.090
Vinyl Acetate	0.010U	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	0.010U	0.010U	0.010U	0.010U	0.010
Xylenes (total)	0.005U	0.005U	0.005U	0.005U	0.005U
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
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	NA	NA	NA	NA	NA
Acenaphthene	0.075	0.031	0.025U	0.025U	0.025U
Acenaphthylene	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	0.242	0.116	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.867	0.238	0.025U	0.029	0.025U
Benzo[b]fluoranthene	0.616	0.108	0.025U	0.027	0.025U
Benzo[k]fluoranthene	0.437	0.130	0.025U	0.031	0.025U
Benzo[g,h,i]perylene	0.305	0.066	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.646	0.166	0.025U	0.028	0.025U
Butylbenzylphalate	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)phyhalate	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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 6 (Continued)
Burns & McDonnell Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	RPM-SB81-001 3-4' WT ~ 4'	RPM-SB81-002 6-8' WT ~ 4'	RPM-SB82-001 7-8' WT ~ 7'	RPM-SB83-001 3-4' WT ~ 9'	RPM-SB83-002 6-8' WT ~ 9'
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	0.895	0.235	0.025U	0.035	0.025U
Dibenz[a,h]anthracene	0.163	0.038	0.025U	0.025U	0.025U
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	1.890	0.427	0.025U	0.054	0.025U
Fluorene	0.087	0.035	0.025U	0.025U	0.025U
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	0.333	0.075	0.025U	0.025U	0.025U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025U
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	0.685	0.289	0.025U	0.025U	0.025U
Pyrene	1.770	0.405	0.025U	0.047	0.025U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	9.92	3.12	8.43	3.89	8.83
Barium	31.40	19.50	28.00	68.60	45.90
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	11.80	7.42	12.70	21.20	21.20
Copper	NA	NA	NA	NA	NA
Lead	21.40	19.50	15.90	86.50	15.10
Mercury	0.473	0.765	0.040U	0.435	0.04U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25U	0.25U	0.25U	0.25U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA
PCBs (mg/kg)					
Aroclor 1016	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA
Aroclor 1260	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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	B-6 6-8' WT ~ 6'	B-7 10-12' WT ~ 8'	B-7 14-15' WT ~ 8'	B-8 2-4' WT ~ NE	B-9 4-5'
TCL VOCs (mg/kg)					
Acetone	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U
Benzene	0.015 J	0.005 UJ	0.005 U	0.005 U	0.005 U
Bromodichloromethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Bromoform	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Bromomethane	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
2-Butanone	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Carbon Disulfide	0.005 UJ	0.01 J	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.005	0.005 UJ	0.005 U	0.005 U	0.005 U
Dibromochloromethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Chloroethane	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Chloroform	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Chloromethane	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
1,1-Dichloroethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 UJ	0.007 J	0.005 U	0.005 U	0.005 U
cis-1,2-dichloroethene	0.005 UJ	0.066 J	0.063	0.005 U	0.005 U
trans-1,2-dichloroethene	0.005 UJ	0.008 J	0.005 U	0.005 U	0.005 U
1,2 Dichloropropane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
trans-1,3-dichloropropene	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Ethylbenzene	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
2-hexanone	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
4-methyl-2-pentanone	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Styrene	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.064 J	0.005 U	0.005 U	0.005 U
Toluene	0.005 UJ	0.005 UJ	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethene	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 UJ	77.5 J	15.8	0.005 UJ	0.005 U
Vinyl Acetate	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Vinyl Chloride	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Xylenes	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.330 UJ	0.330 U	NA	0.330 U	0.330 U
2-Chlorophenol	0.330 UJ	0.330 U	NA	0.330 UJ	0.330 U
2,4-Dimethylphenol	0.330 UJ	0.330 U	NA	0.330 U	0.330 U
2,4-Dinitrophenol	1.600 UJ	1.600 U	NA	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	1.600 UJ	1.600 U	NA	1.600 U	1.600 UJ
2-Methylphenol	0.330 UJ	0.330 U	NA	0.330 UJ	0.330 U
3&4-Methylphenol	0.330 UJ	0.330 U	NA	0.330 U	0.330 U
2-Nitrophenol	1.600 UJ	1.600 U	NA	1.600 U	1.600 U
4-Nitrophenol	1.600 UJ	1.600 U	NA	1.600 U	1.600 U
Pentachlorophenol	1.600 UJ	1.600 U	NA	1.600 U	1.600 U
Phenol	0.330 UJ	0.330 U	NA	0.330 U	0.330 U
2,4,5-Trichlorophenol	0.660 UJ	0.660 U	NA	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.330 UJ	0.330 U	NA	0.330 U	0.330 U
Acenaphthene	0.33 UJ	0.33 UJ	NA	0.33 UJ	0.33 UJ
Acenaphthylene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Anthracene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Benzo(a)anthracene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Benzo(b)fluoranthene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Benzo(k)fluoranthene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Benzo(g,h,I)perylene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Benzo(a)pyrene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Butylbenzylphthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
bis(2-chloroethoxy)methane	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
bis(2-chloroethyl) ether	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Bis(2-chloroisopropyl)ether	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
4-bromophenylphenylether	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	B-6 6-8' WT ~ 6'	B-7 10-12' WT ~ 8'	B-7 14-15' WT ~ 8'	B-8 2-4' WT ~ NE	B-9 4-5'
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
4-Chlorophenyl-phenylether	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
4-Chloroaniline	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Chrysene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Dibenzo(a,h)anthracene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Dibenzofuran	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Di-n-butylphthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
1,2-Dichlorobenzene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
1,3-Dichlorobenzene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
1,4-Dichlorobenzene	0.33 UJ	0.33 UJ	NA	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	0.66 UJ	0.66 U	NA	0.66 U	0.66 U
2,4-Dichlorophenol	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Diethylphthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Dimethylphthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
2,4-Dinitrotoluene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
2,6-Dinitrotoluene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Di-n-octylphthalate	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Fluoranthene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Fluorene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Hexachlorobenzene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Hexachlorobutadiene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Hexachlorocyclopentadiene	0.33 UJ	0.33 U	NA	0.33 UJ	0.33 U
Hexachloroethane	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Indeno(1,2,3-cd)pyrene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Isophorone	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
2-Methylnaphthalene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Naphthalene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
2-Nitroaniline	1.60 UJ	1.60 U	NA	1.60 U	1.60 U
3-Nitroaniline	1.60 UJ	1.60 U	NA	1.60 U	1.60 U
4-Nitroaniline	1.60 UJ	1.60 U	NA	1.60 U	1.60 U
Nitrobenzene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.33 UJ	0.33 UJ	NA	0.33 UJ	0.33 U
N-Nitrosodimethylamine	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
N-nitrosodiphenylamine	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Phenanthrene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
Pyrene	0.33 UJ	0.33 U	NA	0.33 U	0.33 U
1,2,4-Trichlorobenzene	0.33 UJ	0.33 UJ	NA	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)					
Antimony	1.9 U	2.1 U	NA	2 U	2.2 U
Arsenic	8.2	6.4	NA	8.3	5.8
Barium	27.2	44.9	NA	49.6	34.4
Beryllium	0.49	0.72	NA	0.66	0.65
Cadmium	0.37	0.31	NA	0.2 U	0.22 U
Chromium	14.2	21.1	NA	22	19.1
Copper	34.4	26.7	NA	22	33.1
Lead	13.3	12	NA	12.3	15.5
Mercury	0.04 U	0.04	NA	0.04 U	0.04 U
Nickel	27.2	30.3	NA	26.7	29.6
Selenium	0.47 U	0.52 U	NA	0.51	0.54 U
Silver	0.47 U	0.52 U	NA	0.51 U	0.54 U
Thallium	0.94 U	1 U	NA	1 U	1.1 U
Zinc	43.2	42.2	NA	41.7	42.5
Total Cyanide	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.0075 U	0.0075 U	NA	0.0075 U	0.0075 U
SPLP Chromium	0.05 U	0.05 U	NA	0.05 U	0.05 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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentratio				
	B-10 6-8'	B-11 4-5'	B-12 8-10'	B-12 15-16'	B-17 7-8'
	WT ~ NE	WT ~ NE	WT ~ 8	WT ~ 8'	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	0.1 J	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Benzene	0.010 J	0.005 U	0.156	0.005 UJ	3.51 J
Bromodichloromethane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Bromoform	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Bromomethane	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
2-Butanone	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Carbon Disulfide	0.006 J	0.005 U	0.033	0.005 UJ	0.046 J
Carbon Tetrachloride	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Chlorobenzene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Dibromochloromethane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Chloroethane	0.061 J	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Chloroform	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Chloromethane	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
1,1-Dichloroethane	0.064 J	0.005 U	0.005 U	0.005 UJ	0.005 UJ
1,2-Dichloroethane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
1,1-Dichloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
cis-1,2-dichloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
trans-1,2-dichloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
1,2 Dichloropropane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
cis-1,3-dichloropropene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
trans-1,3-dichloropropene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Ethylbenzene	0.005 UJ	0.005 U	0.006	0.005 UJ	3.55 J
2-hexanone	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
4-methyl-2-pentanone	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Methylene Chloride	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Styrene	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 UJ
1,1,2,2-Tetrachloroethane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Toluene	0.005 J	0.005 U	0.005 U	0.005 UJ	0.106 J
1,1,1-Trichloroethane	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
1,1,2-Trichloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Trichloroethene	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.007 J
Vinyl Acetate	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Vinyl Chloride	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Xylenes	0.005 UJ	0.005 U	0.062	0.008 UJ	6.2 J
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
2-Chlorophenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
2,4-Dimethylphenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
2,4-Dinitrophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 UJ
2-Methylphenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
3&4-Methylphenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
2-Nitrophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 UJ
4-Nitrophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 UJ
Pentachlorophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 UJ
Phenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 UJ
2,4,5-Trichlorophenol	0.660 UJ	0.660 U	0.660 U	0.330 U	0.660 UJ
2,4,6-Trichlorophenol	0.330 UJ	0.330 U	0.330 U	0.660 U	0.330 UJ
Acenaphthene	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	13.5 J
Acenaphthylene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Anthracene	0.33 UJ	0.33 U	0.33 U	0.33 U	16.6 J
Benzo(a)anthracene	0.33 UJ	0.33 U	0.33 U	0.33 U	8.2 J
Benzo(b)fluoranthene	0.33 UJ	0.33 U	0.33 U	0.33 U	1.31 J
Benzo(k)fluoranthene	0.33 UJ	0.33 U	0.33 U	0.33 U	1.22 J
Benzo(g,h,I)perylene	0.33 UJ	0.33 U	0.33 U	0.33 U	3 J
Benzo(a)pyrene	0.33 UJ	0.33 U	0.33 U	0.33 U	2.09 J
Butylbenzylphthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethoxy)methane	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethyl) ether	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Bis(2-chloroisopropyl)ether	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Bis(2-ethylhexyl)phthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
4-bromophenylphenylether	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentratio				
	B-10 6-8'	B-11 4-5'	B-12 8-10'	B-12 15-16'	B-17 7-8'
	WT ~ NE	WT ~ NE	WT ~ 8	WT ~ 8'	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
4-Chlorophenyl-phenylether	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
4-Chloroaniline	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Chrysene	0.33 UJ	0.33 U	0.33 U	0.33 U	9.87 J
Dibenzo(a,h)anthracene	0.33 UJ	0.33 U	0.33 U	0.33 U	1.12 J
Dibenzofuran	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Di-n-butylphthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
1,2-Dichlorobenzene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
1,3-Dichlorobenzene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
1,4-Dichlorobenzene	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	0.66 UJ	0.66 U	0.66 U	0.66 U	0.66 UJ
2,4-Dichlorophenol	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Diethylphthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Dimethylphthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
2,4-Dinitrotoluene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
2,6-Dinitrotoluene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Di-n-octylphthalate	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Fluoranthene	0.33 UJ	0.33 U	0.33 U	0.33 U	15.30 J
Fluorene	0.33 UJ	0.33 U	0.33 U	0.33 U	22.50 J
Hexachlorobenzene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Hexachlorobutadiene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Hexachlorocyclopentadiene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Hexachloroethane	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Indeno(1,2,3-cd)pyrene	0.33 UJ	0.33 U	0.33 U	0.33 U	1.84 J
Isophorone	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
2-Methylnaphthalene	0.33 UJ	0.33 U	0.33 U	0.33 U	23.90 J
Naphthalene	0.33 UJ	0.33 U	0.33 U	0.33 U	31.90 J
2-Nitroaniline	1.60 UJ	1.60 U	1.60 U	1.60 U	1.60 UJ
3-Nitroaniline	1.60 UJ	1.60 U	1.60 U	1.60 U	1.60 UJ
4-Nitroaniline	1.60 UJ	1.60 U	1.60 U	1.60 U	1.60 UJ
Nitrobenzene	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
N-nitrosodi-n-propylamine	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
N-Nitrosodimethylamine	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
N-nitrosodiphenylamine	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
Phenanthrene	0.33 UJ	0.33 U	0.33 U	0.33 U	59.00 J
Pyrene	0.33 UJ	0.33 U	0.33 U	0.33 U	21.60 J
1,2,4-Trichlorobenzene	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)					
Antimony	2 U	2.1 U	2.3 U	2.4 U	2.4 U
Arsenic	6.6	2.6	3	5.7	5.7
Barium	43.7	34.5	44.9	48	67.5
Beryllium	0.65	0.58	0.46 U	0.52	0.66
Cadmium	0.40	0.21 U	0.23 U	0.24 U	0.53
Chromium	19.1	18.8	13.8	16.8	20.3
Copper	24.9	29.6	17.1	29.6	26.6
Lead	11.3	13.2	10.5	13	235
Mercury	0.04 U	0.04 U	0.07	0.04 U	0.06
Nickel	30.9	27.8	16.5	27.7	23.7
Selenium	0.5 U	0.53 U	0.58 U	0.59 U	0.6 U
Silver	0.5 U	0.53 U	0.58 U	0.59 U	0.6 U
Thallium	1 U	1.1 U	1.2 U	1.2	1.2 U
Zinc	38.3	45.5	43.1	66.3	268
Total Cyanide	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
SPLP Chromium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

on	Sample Location and Depth (feet below ground surface)/Concentration				
	B-17 DUP	B-19	B-19	SS-07	SS-08
	7-8'	2-4'	8-10'	0-2'	0-2'
Compound/Analyte	WT ~ NE	WT ~ 6'	WT ~ 6'		
TCL VOCs (mg/kg)					
Acetone	0.025 UJ	1.2 UJ	0.025 U	0.025 UJ	0.137 UJ
Benzene	3.08 J	3.560	0.005 U	0.005 U	0.005 U
Bromodichloromethane	0.005 UJ	0.15 U	0.005 U	0.005 U	0.005 U
Bromoform	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Bromomethane	0.01 UJ	0.2 U	0.01 U	0.01 U	0.01 U
2-Butanone	0.01 UJ	0.922	0.01 U	0.01 U	0.051
Carbon Disulfide	0.049 J	0.25 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	0.005 UJ	0.2	0.01 U	0.005 U	0.005 U
Chloroethane	0.01 UJ	0.25	0.005 U	0.01 U	0.01 U
Chloroform	0.005 UJ	0.3 U	0.01 U	0.005 U	0.005 U
Chloromethane	0.01 UJ	0.15 U	0.005 U	0.01 U	0.01 U
1,1-Dichloroethane	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
cis-1,2-dichloroethene	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
trans-1,2-dichloroethene	0.005 UJ	0.25 U	0.005 U	0.005 U	0.005 U
1,2 Dichloropropane	0.005 UJ	0.15 U	0.005 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.005 UJ	0.15 U	0.005 U	0.005 U	0.005 U
trans-1,3-dichloropropene	0.005 UJ	0.15 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	3.09 J	2.99	0.005 U	0.005 U	0.005 U
2-hexanone	0.01 UJ	0.15 U	0.01 U	0.01 U	0.01 U
4-methyl-2-pentanone	0.01 UJ	0.15 U	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.01 UJ	0.25 U	0.01 U	0.01 U	0.01 U
Styrene	0.005 UJ	0.702	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.15 U	0.005 U	0.005 U	0.005 U
Toluene	0.145 J	3.89	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethene	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.007 J	0.2 U	0.005 UJ	0.005 U	0.005 U
Vinyl Acetate	0.01 UJ	0.35 U	0.01 U	0.01 U	0.01 U
Vinyl Chloride	0.01 UJ	0.2 U	0.01 U	0.01 U	0.01 U
Xylenes	5.24 J	7.13	0.005 UJ	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2-Chlorophenol	0.330 U	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
2,4-Dimethylphenol	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2,4-Dinitrophenol	1.600 U	1.600 U	1.600 U	0.330 U	1.600 U
4,6-Dinitro-2-Methylphenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 U
2-Methylphenol	0.330 UJ	0.330 UJ	0.330 U	0.330 UJ	0.330 UJ
3&4-Methylphenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 U
2-Nitrophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 U
4-Nitrophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 U
Pentachlorophenol	1.600 UJ	1.600 U	1.600 U	1.600 U	1.600 U
Phenol	0.330 UJ	0.330 U	0.400 U	0.330 U	0.330 U
2,4,5-Trichlorophenol	0.660 UJ	0.660 U	0.660 U	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.330 UJ	0.330 U	0.330 U	0.330 U	0.330 U
Acenaphthene	18.1 J	7.46 J	0.33 UJ	1.19 J	0.33 UJ
Acenaphthylene	0.33 U	8.32	0.33 U	0.33 U	0.33 U
Anthracene	16.1 J	7.43	0.33 U	7.99	0.33 U
Benzo(a)anthracene	11	8.91	0.33 U	19.3	0.33 U
Benzo(b)fluoranthene	2.06	9.3	0.33 U	6.21	0.33 U
Benzo(k)fluoranthene	1.18	7.22	0.33 U	4.71	0.33 U
Benzo(g,h,I)perylene	5.48	1.22	0.33 U	4.6	0.33 U
Benzo(a)pyrene	2.94	1.08	0.33 U	4.47	0.33 U
Butylbenzylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethoxy)methane	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethyl) ether	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-chloroisopropyl)ether	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-bromophenylphenylether	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Carbazole	NA	NA	NA	NA	0.330 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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

on	Sample Location and Depth (feet below ground surface)/Concentration				
	B-17 DUP 7-8'	B-19 2-4'	B-19 8-10'	SS-07 0-2'	SS-08 0-2'
Compound/Analyte	WT ~ NE	WT ~ 6'	WT ~ 6'		
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chlorophenyl-phenylether	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chloroaniline	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chrysene	12.70	9.85	0.33 U	18.90	0.33 U
Dibenzo(a,h)anthracene	2.58	0.33 U	0.33 U	0.74	0.33 U
Dibenzofuran	0.33 U	0.33 U	0.33 U	0.41	0.33 U
Di-n-butylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,3-Dichlorobenzene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	0.33 U	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Diethylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Dimethylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,4-Dinitrotoluene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,6-Dinitrotoluene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	18.70	18.00	0.33 U	53.60	0.33 U
Fluorene	31.40	29.80	0.33 U	1.99	0.33 U
Hexachlorobenzene	0.33 U	0.33 U	0.33 U	0.30 U	0.33 U
Hexachlorobutadiene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	0.33 U	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Indeno(1,2,3-cd)pyrene	3.83	0.90	0.33 U	3.74	0.33 U
Isophorone	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	32.70	17.70	0.33 UJ	0.33 U	0.33 U
Naphthalene	44.90	30.90	0.33 U	0.33 U	0.33 U
2-Nitroaniline	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
3-Nitroaniline	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
4-Nitroaniline	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
Nitrobenzene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.33 U	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
N-Nitrosodimethylamine	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodiphenylamine	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Phenanthrene	74.80	70.60	0.33 U	22.10	0.33 U
Pyrene	25.20	25.00	0.33 U	41.30	0.33 UJ
1,2,4-Trichlorobenzene	0.33 U	0.33 UJ	0.33 UJ	0.33 UJ	0.66 U
Priority Pollutant Metals (mg/kg)					
Antimony	2.3 U	1.9 U	2.3 U	2 U	2 U
Arsenic	6	6.3	11.3	4.5	6.1
Barium	56	54.5	55.9	48.3	90.6
Beryllium	0.62	0.66	0.82	0.55	0.91
Cadmium	0.89	0.85	0.42	0.54	0.57
Chromium	16.7	17.3	21.8	16.1	22.4
Copper	29.6	25	32.6	21.4	31.6
Lead	127	22.6	15.7	70.8	63.5
Mercury	0.06	0.09	0.04 U	0.17	0.11
Nickel	26.8	26.1	40.2	18.4	24.2
Selenium	0.57 U	0.57	0.71	0.72	0.66
Silver	0.57 U	0.49 U	0.57 U	0.5 U	0.51 U
Thallium	1.1 U	0.97	1.4	1 U	1 U
Zinc	397	252	55.2	100	77.3
Total Cyanide	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.0094	0.0075 U	0.0075	0.023	0.025
SPLP Chromium	0.05 U	0.05 U	0.05	0.05 U	0.05 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 ~ NE - Water table not encountered.
(5) WT ~ n' - Water table approximately n feet below ground surface.

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SS-09 0-2'	SS-11 0-2'			
TCL VOCs (mg/kg)					
Acetone	0.106 UJ	0.025 UJ			
Benzene	.005 U	.014			
Bromodichloromethane	0.005 U	0.005 U			
Bromoform	0.005 U	0.005 U			
Bromomethane	0.01 U	0.01 U			
2-Butanone	0.032	0.01 U			
Carbon Disulfide	0.005 U	0.005			
Carbon Tetrachloride	0.005 U	0.005 U			
Chlorobenzene	0.005 U	0.005 U			
Dibromochloromethane	0.005 U	0.005 U			
Chloroethane	0.01 U	0.01 U			
Chloroform	0.005 U	0.005 U			
Chloromethane	0.01 U	0.01 U			
1,1-Dichloroethane	0.005 U	0.005 U			
1,2-Dichloroethane	0.005 U	0.005 U			
1,1-Dichloroethene	0.005 U	0.005 U			
cis-1,2-dichloroethene	0.005 U	0.005 U			
trans-1,2-dichloroethene	0.005 U	0.005 U			
1,2 Dichloropropane	0.005 U	0.005 U			
cis-1,3-dichloropropene	0.005 U	0.005 U			
trans-1,3-dichloropropene	0.005 U	0.005 U			
Ethylbenzene	0.005 U	0.005 U			
2-hexanone	0.01 U	0.01 U			
4-methyl-2-pentanone	0.01 U	0.01 U			
Methylene Chloride	0.01 U	0.01 U			
Styrene	0.005 U	0.005 U			
1,1,2,2-Tetrachloroethane	0.005 U	0.005 U			
Tetrachloroethene	0.005 U	0.005 UJ			
Toluene	0.005 U	0.005 U			
1,1,1-Trichloroethane	0.005 U	0.005 U			
1,1,2-Trichloroethene	0.005 U	0.005 U			
Trichloroethene	0.005 U	.007 J			
Vinyl Acetate	0.01 U	0.01 U			
Vinyl Chloride	0.01 U	0.01 U			
Xylenes	0.005 U	0.005 U			
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.330 U	0.330 U			
2-Chlorophenol	0.330 UJ	0.330 UJ			
2,4-Dimethylphenol	0.330 U	0.330 U			
2,4-Dinitrophenol	1.600 U	1.600 U			
4,6-Dinitro-2-Methylphenol	1.600 U	1.600 U			
2-Methylphenol	0.330 UJ	0.330 UJ			
3&4-Methylphenol	0.330 U	0.330 U			
2-Nitrophenol	1.600 U	1.600 U			
4-Nitrophenol	1.600 U	1.600 U			
Pentachlorophenol	1.600 U	1.600 U			
Phenol	0.330 U	0.330 U			
2,4,5-Trichlorophenol	0.660 U	0.660 U			
2,4,6-Trichlorophenol	0.330 U	0.330 U			
Acenaphthene	0.330 UJ	0.33 UJ			
Acenaphthylene	0.330 U	0.434			
Anthracene	0.330 U	0.33 U			
Benzo(a)anthracene	0.330 U	0.33 U			
Benzo(b)fluoranthene	0.330 U	0.33 U			
Benzo(k)fluoranthene	0.330 U	0.33 U			
Benzo(g,h,I)perylene	0.330 U	0.33 U			
Benzo(a)pyrene	0.330 U	0.33 U			
Butylbenzylphthalate	0.330 U	0.33 U			
bis(2-chloroethoxy)methane	0.330 U	0.33 U			
bis(2-chloroethyl) ether	0.330 U	0.33 U			
Bis(2-chloroisopropyl)ether	0.330 U	0.33 U			
Bis(2-ethylhexyl)phthalate	0.330 U	0.33 U			
4-bromophenylphenylether	0.330 U	0.33 U			
Carbazole	0.330 U	0.33 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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SS-09 0-2'	SS-11 0-2'			
TCL SVOCs - Continued (mg/kg)					
2-Chloronaphthalene	0.330 U	0.33 U			
4-Chlorophenyl-phenylether	0.330 U	0.33 U			
4-Chloroaniline	0.330 U	0.33 U			
Chrysene	0.330 U	0.33 U			
Dibenzo(a,h)anthracene	0.330 U	0.33 U			
Dibenzofuran	0.330 U	0.33 U			
Di-n-butylphthalate	0.330 U	0.33 U			
1,2-Dichlorobenzene	0.330 U	0.33 U			
1,3-Dichlorobenzene	0.330 U	0.33 U			
1,4-Dichlorobenzene	0.330 UJ	0.33 UJ			
3,3-Dichlorobenzidine	0.660 U	0.66 U			
2,4-Dichlorophenol	0.330 U	0.33 U			
Diethylphthalate	0.330 U	0.33 U			
Dimethylphthalate	0.330 U	0.33 U			
2,4-Dinitrotoluene	0.330 U	0.33 U			
2,6-Dinitrotoluene	0.330 U	0.33 U			
Di-n-octylphthalate	0.330 U	0.33 U			
Fluoranthene	0.330 U	0.33 U			
Fluorene	0.330 U	0.33 U			
Hexachlorobenzene	0.330 U	0.33 U			
Hexachlorobutadiene	0.330 U	0.33 U			
Hexachlorocyclopentadiene	0.330 UJ	0.33 UJ			
Hexachloroethane	0.330 U	0.33 U			
Indeno(1,2,3-cd)pyrene	0.330 U	0.33 U			
Isophorone	0.330 U	0.33 U			
2-Methylnaphthalene	0.330 U	0.33 U			
Naphthalene	0.330 U	0.33 U			
2-Nitroaniline	1.600 U	1.60 U			
3-Nitroaniline	1.600 U	1.60 U			
4-Nitroaniline	1.600 U	1.60 U			
Nitrobenzene	0.330 U	0.33 U			
N-nitrosodi-n-propylamine	0.330 UJ	0.33 UJ			
N-Nitrosodimethylamine	0.330 U	0.33 U			
N-nitrosodiphenylamine	0.330 U	0.33 U			
Phenanthrene	0.330 U	0.33 U			
Pyrene	0.330 U	0.33 U			
1,2,4-Trichlorobenzene	0.330 UJ	0.33 UJ			
Priority Pollutant Metals (mg/kg)					
Antimony	2 U	2.1 U			
Arsenic	5.9	5.4			
Barium	107	66.1			
Beryllium	1	1.2			
Cadmium	0.26	0.41			
Chromium	24.8	20.5			
Copper	21.5	29.3			
Lead	14.7	48.5			
Mercury	0.12	0.05			
Nickel	36.8	29.8			
Selenium	0.5 U	0.81			
Silver	0.5 U	0.52 U			
Thallium	0.99 U	1 U			
Zinc	44.4	85.8			
Total Cyanide	NA	NA			
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.011	0.039			
SPLP Chromium	0.05 U	0.05 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 ~ NE - Water table not encountered
(5) WT ~ n' - Water table approximately n feet below ground surface

Table 8
Groundwater Analytical Laboratory Results
Rogers Park Main Parcel

Compound/Analyte	Sample Location and Date Sampled/Concentration				
	RPM-MW001-002 6/22/2001	RPM-MW002-002 6/22/2001	RPM-MW003-002 6/22/2001	RPM-MW004-002 6/22/2001	RPM-MW005-002 6/22/2001
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
Tetrachloroethene	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
Trichloroethene	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
Dibenz(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 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1'	RPM-SB25-001 2-3'	RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB33-001 1-2'
		WT ~ 10'	WT ~ 9'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	200,000	NA	NA	NA	NA	NA
Benzene	200	0.002U	0.002U	0.002U	0.002U	0.002
Bromodichloromethane	92	NA	NA	NA	NA	NA
Bromoform	720	NA	NA	NA	NA	NA
Bromomethane	1,000	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	20,000	NA	NA	NA	NA	NA
Carbon Tetrachloride	44	NA	NA	NA	NA	NA
Chlorobenzene	4,100	NA	NA	NA	NA	NA
Chlorodibromomethane	41,000	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	940	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	200,000	NA	NA	NA	NA	NA
1,2-Dichloroethane	63	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,800	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	20,000	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	41,000	NA	NA	NA	NA	NA
1,2-Dichloropropane	84	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	33	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	33	NA	NA	NA	NA	NA
Ethylbenzene	20,000	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	760	NA	NA	NA	NA	NA
Styrene	41,000	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	110	NA	NA	NA	NA	NA
Toluene	410,000	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	--	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	8,200	NA	NA	NA	NA	NA
Trichloroethene	520	NA	NA	NA	NA	NA
Vinyl Acetate	200,000	NA	NA	NA	NA	NA
Vinyl Chloride	3	NA	NA	NA	NA	NA
Xylenes (total)	410,000	0.005U	0.005U	0.005U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	10,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	41,000	NA	NA	NA	NA	NA
2,4-Dinitrophenol	410	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	100,000	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	24	NA	NA	NA	NA	NA
Phenol	120,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	200,000	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	520	NA	NA	NA	NA	NA
Acenaphthene	120,000	0.025U	0.025U	0.025U	0.025U	0.070
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.030
Anthracene	610,000	0.027	0.025U	0.025U	0.025U	0.086
Benzo[a]anthracene	8	0.085	0.025U	0.025U	0.025U	0.057
Benzo[b]fluoranthene	8	0.053	0.025U	0.025U	0.025U	0.026
Benzo[k]fluoranthene	78	0.067	0.025U	0.025U	0.025U	0.036
Benzo[g,h,i]perylene	--	0.036	0.025U	0.025U	0.025U	0.029
Benzo[a]pyrene	0.8	0.045	0.025U	0.025U	0.025U	0.049
Butylbenzylphalate	410,000	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	5	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	410	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	290	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1'	RPM-SB25-001 2-3'	RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB33-001 1-2'
		WT ~ 10'	WT ~ 9'	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	820	NA	NA	NA	NA	NA
Chrysene	780	0.084	0.025U	0.025U	0.025U	0.065
Dibenz[a,h]anthracene	0.8	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	200,000	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	18,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	13	NA	NA	NA	NA	NA
2,4-Dichlorophenol	610	NA	NA	NA	NA	NA
Diethylphthalate	1,000,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
Di-n-octylphthalate	4,100	NA	NA	NA	NA	NA
Fluoranthene	82,000	0.175	0.034	0.025U	0.025U	0.079
Fluorene	82,000	0.025U	0.025U	0.025U	0.025U	0.098
Hexachlorobenzene	4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	14,000	NA	NA	NA	NA	NA
Hexachloroethane	2,000	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	8	0.040	0.025U	0.025U	0.025U	0.026
Isophorone	410,000	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	8,200	0.025U	0.025U	0.025U	0.025U	0.122
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	1000	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.8	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1200	NA	NA	NA	NA	NA
Phenanthrene	--	0.076	0.025U	0.025U	0.025U	0.306
Pyrene	61,000	0.173	0.040	0.025U	0.025U	0.101
1,2,4-Trichlorobenzene	2000	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	82	NA	NA	NA	NA	NA
Arsenic	13	14.60	7.83	3.550	2.050	5.020
Barium	14,000	23.10	73.40	66.300	58.800	59.300
Beryllium	160*	NA	NA	NA	NA	NA
Cadmium	200	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	4,100	19.80	26.20	20.100	20.900	14.200
Copper	8,200	NA	NA	NA	NA	NA
Lead	400	32.50	16.70	21.800	16.300	179.000
Mercury	61	0.040U	0.040U	0.040U	0.040U	0.040U
Nickel	4,100	NA	NA	NA	NA	NA
Selenium	1,000	1.04	1.00U	1.000U	1.000U	1.000U
Silver	1,000	0.500U	0.500U	0.500U	0.500U	0.512
Thallium	160	NA	NA	NA	NA	NA
Zinc	61,000	NA	NA	NA	NA	NA
Total Cyanide	4,100	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.
(8) * Proposed TACO screening level

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-002 2-3'	RPM-SB39-001 0-1'	RPM-SB39-002 2-3'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	200,000	NA	0.626J	0.025U	0.265	0.107
Benzene	200	0.008	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	92	NA	0.005U	0.005U	0.005U	0.005U
Bromoform	720	NA	0.005U	0.005U	0.005U	0.005U
Bromomethane	1,000	NA	0.010U	0.010U	0.010U	0.010U
2-Butanone	--	NA	0.077	0.010U	0.029	0.020
Carbon Disulfide	20,000	NA	0.005	0.005U	0.005U	0.006
Carbon Tetrachloride	44	NA	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	4,100	NA	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	41,000	NA	0.005U	0.005U	0.005U	0.005U
Chloroethane	--	NA	0.010U	0.010U	0.010U	0.010U
Chloroform	940	NA	0.005U	0.005U	0.005U	0.005U
Chloromethane	--	NA	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	200,000	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	63	NA	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	1,800	NA	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	20,000	NA	0.005U	0.005U	0.005U	0.005U
trans-1,2-Dichloroethene	41,000	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloropropane	84	NA	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	33	NA	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	33	NA	0.005U	0.005U	0.005U	0.005U
Ethylbenzene	20,000	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	--	NA	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	760	NA	0.010U	0.010U	0.010U	0.010U
Styrene	41,000	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	110	NA	0.005U	0.005U	0.005U	0.005U
Toluene	410,000	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	--	NA	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	8,200	NA	0.005U	0.005U	0.005U	0.005U
Trichloroethene	520	NA	0.005U	0.005U	0.005U	0.005U
Vinyl Acetate	200,000	NA	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	3	NA	0.010U	0.010U	0.010U	0.010U
Xylenes (total)	410,000	0.009	0.014	0.014	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	10,000	NA	NA	NA	NA	NA
2.4-Dimethylphenol	41,000	NA	NA	NA	NA	NA
2,4-Dinitrophenol	410	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	100,000	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	24	NA	NA	NA	NA	NA
Phenol	120,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	200,000	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	520	NA	NA	NA	NA	NA
Acenaphthene	120,000	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	610,000	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	8	0.032	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	8	0.026	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	78	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	0.8	0.030	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	410,000	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	5	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	410	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	290	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-002 2-3'	RPM-SB39-001 0-1'	RPM-SB39-002 2-3'	RPM-SB40-001 0-1'	RPM-SB40-002 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	820	NA	NA	NA	NA	NA
Chrysene	780	0.037	0.027	0.025U	0.025U	0.025U
Dibenz[a,h]anthracene	0.8	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	200,000	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	18,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	13	NA	NA	NA	NA	NA
2,4-Dichlorophenol	610	NA	NA	NA	NA	NA
Diethylphthalate	1,000,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
Di-n-octylphthalate	4,100	NA	NA	NA	NA	NA
Fluoranthene	82,000	0.025U	0.038	0.025U	0.025U	0.025U
Fluorene	82,000	0.025U	0.025U	0.025U	0.025U	0.025U
Hexachlorobenzene	4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	14,000	NA	NA	NA	NA	NA
Hexachloroethane	2,000	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	8	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	410,000	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	8,200	0.132	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	1,000	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.8	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1,200	NA	NA	NA	NA	NA
Phenanthrene	--	0.083	0.025U	0.025U	0.025U	0.025U
Pyrene	61,000	0.055	0.029	0.025U	0.025U	0.025U
1,2,4-Trichlorobenzene	2,000	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	82	NA	NA	NA	NA	NA
Arsenic	13	4.200	16.70	2.68	3.74	5.34
Barium	14,000	39.000	85.50	58.70	54.10	52.60
Beryllium	160*	NA	NA	NA	NA	NA
Cadmium	200	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	4,100	11.900	20.70	21.30	17.50	22.00
Copper	8,200	NA	NA	NA	NA	NA
Lead	400	240.000	27.90	15.90	24.60	15.00
Mercury	61	0.040U	0.040U	0.040U	0.101	0.040U
Nickel	4,100	NA	NA	NA	NA	NA
Selenium	1,000	1.000U	1.00U	1.00U	1.00U	1.00U
Silver	1,000	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	160	NA	NA	NA	NA	NA
Zinc	61,000	NA	NA	NA	NA	NA
Total Cyanide	4,100	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface
(8) * Proposed TACO screening level

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB44-001 2-3'	RPM-SB46-001 1-2'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 4'	WT ~ 5'
TCL VOCs (mg/kg)						
Acetone	200,000	NA	NA	NA	0.025U	0.025U
Benzene	200	0.002U	0.002U	0.002U	0.005U	0.005U
Bromodichloromethane	92	NA	NA	NA	0.005U	0.005U
Bromoform	720	NA	NA	NA	0.005U	0.005U
Bromomethane	1,000	NA	NA	NA	0.010U	0.010U
2-Butanone	--	NA	NA	NA	0.010U	0.010U
Carbon Disulfide	20,000	NA	NA	NA	0.005U	0.005U
Carbon Tetrachloride	44	NA	NA	NA	0.005U	0.005U
Chlorobenzene	4,100	NA	NA	NA	0.005U	0.005U
Chlorodibromomethane	41,000	NA	NA	NA	0.005U	0.005U
Chloroethane	--	NA	NA	NA	0.010U	0.010U
Chloroform	940	NA	NA	NA	0.005U	0.005U
Chloromethane	--	NA	NA	NA	0.010U	0.010U
1,1-Dichloroethane	200,000	NA	NA	NA	0.005U	0.005U
1,2-Dichloroethane	63	NA	NA	NA	0.005U	0.005U
1,1-Dichloroethene	1,800	NA	NA	NA	0.005U	0.005U
cis-1,2-Dichloroethene	20,000	NA	NA	NA	0.005U	0.005U
trans-1,2-Dichloroethene	41,000	NA	NA	NA	0.005U	0.005U
1,2-Dichloropropane	84	NA	NA	NA	0.005U	0.005U
cis-1,3-Dichloropropene	33	NA	NA	NA	0.005U	0.005U
trans-1,3-Dichloropropene	33	NA	NA	NA	0.005U	0.005U
Ethylbenzene	20,000	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	0.010U	0.010U
4-methyl-2-pentanone	--	NA	NA	NA	0.010U	0.010U
Methylene Chloride	760	NA	NA	NA	0.010U	0.010U
Styrene	41,000	NA	NA	NA	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	0.005U	0.005U
Tetrachloroethene	110	NA	NA	NA	0.005U	0.005U
Toluene	410,000	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	--	NA	NA	NA	0.005U	0.005U
1,1,2-Trichloroethane	8,200	NA	NA	NA	0.005U	0.005U
Trichloroethene	520	NA	NA	NA	0.005U	0.005U
Vinyl Acetate	200,000	NA	NA	NA	0.010U	0.010U
Vinyl Chloride	3	NA	NA	NA	0.010U	0.010U
Xylenes (total)	410,000	0.005U	0.005U	0.005U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	10,000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	41,000	NA	NA	NA	NA	NA
2,4-Dinitrophenol	410	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	100,000	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	24	NA	NA	NA	NA	NA
Phenol	120,000	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	200,000	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	520	NA	NA	NA	NA	NA
Acenaphthene	120,000	0.025U	0.025U	0.025U	0.071	0.036
Acenaphthylene	--	0.025U	0.039	0.025U	0.025U	0.025U
Anthracene	610,000	0.025U	0.025U	0.025U	0.077	0.114
Benzo[a]anthracene	8	0.025U	0.087	0.025U	0.134	0.299
Benzo[b]fluoranthene	8	0.025U	0.046	0.025U	0.077	0.155
Benzo[k]fluoranthene	78	0.025U	0.046	0.025U	0.108	0.208
Benzo[g,h,i]perylene	--	0.025U	0.033	0.025U	0.099	0.169
Benzo[a]pyrene	0.8	0.025U	0.071	0.025U	0.115	0.275
Butylbenzylphalate	410,000	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	5	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	410	NA	NA	NA	NA	NA
4-bromaphenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	290	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) WT ~ NE - Water table not encountered
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB44-001 2-3'	RPM-SB46-001 1-2'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 4'	WT ~ 5'
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	820	NA	NA	NA	NA	NA
Chrysene	780	0.025U	0.153	0.025U	0.149	0.308
Dibenz[a,h]anthracene	0.8	0.025U	0.025U	0.025U	0.045	0.089
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	200,000	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	18,000	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	13	NA	NA	NA	NA	NA
2,4-Dichlorophenol	610	NA	NA	NA	NA	NA
Diethylphthalate	1,000,000	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	8.4	NA	NA	NA	NA	NA
Di-n-octylphthalate	4,100	NA	NA	NA	NA	NA
Fluoranthene	82,000	0.030	0.114	0.025U	0.271	0.750
Fluorene	82,000	0.025U	0.025U	0.025U	0.036	0.039
Hexachlorobenzene	4	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	14,000	NA	NA	NA	NA	NA
Hexachloroethane	2,000	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	8	0.025U	0.030	0.025U	0.088	0.166
Isophorone	410,000	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	8,200	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	1,000	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.8	NA	NA	NA	NA	NA
N-nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1,200	NA	NA	NA	NA	NA
Phenanthrene	--	0.025U	0.098	0.025U	0.124	0.360
Pyrene	61,000	0.025U	0.157	0.025U	0.230	0.569
1,2,4-Trichlorobenzene	2,000	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	82	NA	NA	NA	NA	NA
Arsenic	13	4.80	7.17	3.87	6.19	4.34
Barium	14,000	62.90	89.30	60.70	19.70	28.80
Beryllium	160*	NA	NA	NA	NA	NA
Cadmium	200	0.500U	0.659	0.500U	0.500U	0.500U
Chromium	4,100	20.90	21.20	24.20	26.00	9.25
Copper	8,200	NA	NA	NA	NA	NA
Lead	400	70.60	121.00	15.20	26.40	47.20
Mercury	61	0.044	0.071	0.040U	0.040U	0.228
Nickel	4,100	NA	NA	NA	NA	NA
Selenium	1,000	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	1,000	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	160	NA	NA	NA	NA	NA
Zinc	61,000	NA	NA	NA	NA	NA
Total Cyanide	4,100	0.25U	0.25U	0.25U	0.25U	0.54

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface
(8) * Proposed TACO screening level

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-8 2-4' WT ~ NE	B-19 2-4' WT ~ 6'	SS-07 0-2'	SS-08 0-2'	SS-09 0-2'
TCL VOCs (mg/kg)						
Acetone	200,000	0.025 UJ	1.2 UJ	0.025 UJ	0.137 UJ	0.106 UJ
Benzene	200	0.005 U	3.56	0.005 U	0.005 U	.005 U
Bromodichloromethane	92	0.005 U	0.15 U	0.005 U	0.005 U	0.005 U
Bromoform	720	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
Bromomethane	1,000	0.01 U	0.2 U	0.01 U	0.01 U	0.01 U
2-Butanone	--	0.01 U	0.922	0.01 U	0.051	0.032
Carbon Disulfide	20,000	0.005 U	0.25 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	44	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	4,100	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	41,000	0.005 U	0.2	0.005 U	0.005 U	0.005 U
Chloroethane	--	0.01 U	0.25	0.01 U	0.01 U	0.01 U
Chloroform	940	0.005 U	0.3 U	0.005 U	0.005 U	0.005 U
Chloromethane	--	0.01 U	0.15 U	0.01 U	0.01 U	0.01 U
1,1-Dichloroethane	200,000	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	63	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	1,800	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	20,000	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	41,000	0.005 U	0.25 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	84	0.005 U	0.15 U	0.005 U	0.005 U	0.005 U
cis-1,3-Dichloropropene	33	0.005 U	0.15 U	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	33	0.005 U	0.15 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	20,000	0.005 U	2.99	0.005 U	0.005 U	0.005 U
2-hexanone	--	0.01 U	0.15 U	0.01 U	0.01 U	0.01 U
4-methyl-2-pentanone	--	0.01 U	0.15 U	0.01 U	0.01 U	0.01 U
Methylene Chloride	760	0.01 U	0.25 U	0.01 U	0.01 U	0.01 U
Styrene	41,000	0.005 U	0.702	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	110	0.005 U	0.15 U	0.005 U	0.005 U	0.005 U
Toluene	410,000	0.005 UJ	3.89	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	8,200	0.005 U	0.2 U	0.005 U	0.005 U	0.005 U
Trichloroethene	520	0.005 UJ	0.2 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	200,000	0.01 U	0.35 U	0.01 U	0.01 U	0.01 U
Vinyl Chloride	3	0.01 U	0.2 U	0.01 U	0.01 U	0.01 U
Xylenes (total)	410,000	0.005 U	7.13	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2-Chlorophenol	10,000	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
2,4-Dimethylphenol	41,000	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2,4-Dinitrophenol	410	1.600 U	1.600 U	0.330 U	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.600 U	1.600 U	1.600 U	1.600 U
2-Methylphenol	100,000	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
3&4-Methylphenol	--	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2-Nitrophenol	--	1.600 U	1.600 U	1.600 U	1.600 U	1.600 U
4-Nitrophenol	--	1.600 U	1.600 U	1.600 U	1.600 U	1.600 U
Pentachlorophenol	24	1.600 U	1.600 U	1.600 U	1.600 U	1.600 U
Phenol	120,000	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2,4,5-Trichlorophenol	200,000	0.660 U	0.660 U	0.660 U	0.660 U	0.660 U
2,4,6-Trichlorophenol	520	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
Acenaphthene	120,000	0.33 UJ	7.46 J	1.19 J	0.33 UJ	0.33 UJ
Acenaphthylene	--	0.33 U	8.32	0.33 U	0.33 U	0.33 U
Anthracene	610,000	0.33 U	7.43	7.99	0.33 U	0.33 U
Benzo[a]anthracene	8	0.33 U	8.91	19.3	0.33 U	0.33 U
Benzo[b]fluoranthene	8	0.33 U	9.3	6.21	0.33 U	0.33 U
Benzo[k]fluoranthene	78	0.33 U	7.22	4.71	0.33 U	0.33 U
Benzo[g,h,i]perylene	--	0.33 U	1.22	4.6	0.33 U	0.33 U
Benzo[a]pyrene	0.8	0.33 U	1.08	4.47	0.33 U	0.33 U
Butylbenzylphalate	410,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethoxy)methane	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethyl) ether	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-chloroisopropyl) ether	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phyhalate	410	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-bromaphenylphenylether	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Carbazole	290	NA	NA	NA	0.33 U	0.33 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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-8 2-4'	B-19 2-4'	SS-07 0-2'	SS-08 0-2'	SS-09 0-2'
		WT ~ NE	WT ~ 6'			
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chlorophenyl-phenylether	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chloroaniline	820	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chrysene	780	0.33 U	9.85	18.90	0.33 U	0.33 U
Dibenz[a,h]anthracene	0.8	0.33 U	0.33 U	0.74	0.33 U	0.33 U
Dibenzofuran	--	0.33 U	0.33 U	0.41	0.33 U	0.33 U
Di-n-butylphthalate	200,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	18,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,3-Dichlorobenzene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	--	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	13	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	610	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Diethylphthalate	1,000,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Dimethylphtalate	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,4-Dinitrotoluene	8.4	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,6-Dinitrotoluene	8.4	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	4,100	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	82,000	0.33 U	18.00	53.60	0.33 U	0.33 U
Fluorene	82,000	0.33 U	29.80	1.99	0.33 U	0.33 U
Hexachlorobenzene	4	0.33 U	0.33 U	0.30 U	0.33 U	0.33 U
Hexachlorobutadiene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	14,000	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	2,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Indeno[1,2,3-cd]pyrene	8	0.33 U	0.90	3.74	0.33 U	0.33 U
Isophorone	410,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	--	0.33 U	17.70	0.33 U	0.33 U	0.33 U
Naphthalene	8,200	0.33 U	30.90	0.33 U	0.33 U	0.33 U
2-Nitroaniline	--	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
3-Nitroaniline	--	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
4-Nitroaniline	--	1.60 U	1.60 U	1.60 U	1.60 U	1.60 U
Nitrobenzene	1,000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.8	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
N-nitrosodimethylamine	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodiphenylamine	1,200	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Phenanthrene	--	0.33 U	70.60	22.10	0.33 U	0.33 U
Pyrene	61,000	0.33 U	25.00	41.30	0.33 UJ	0.33 U
1,2,4-Trichlorobenzene	2,000	0.33 UJ	0.33 UJ	0.33 UJ	0.66 U	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	82	2 U	1.9 U	2 U	2 U	2 U
Arsenic	13	8.3	6.3	4.5	6.1	5.9
Barium	14,000	49.6	54.5	48.3	90.6	107
Beryllium	160*	0.66	0.66	0.55	0.91	1
Cadmium	200	0.2 U	0.85	0.54	0.57	0.26
Chromium	4,100	22	17.3	16.1	22.4	24.8
Copper	8,200	22	25	21.4	31.6	21.5
Lead	400	12.3	22.6	70.8	63.5	14.7
Mercury	61	0.04 U	0.09	0.17	0.11	0.12
Nickel	4,100	26.7	26.1	18.4	24.2	36.8
Selenium	1,000	0.51	0.57	0.72	0.66	0.5 U
Silver	1,000	0.51 U	0.49 U	0.5 U	0.51 U	0.5 U
Thallium	160	1 U	0.97	1 U	1 U	0.99 U
Zinc	61,000	41.7	252	100	77.3	44.4
Total Cyanide	4,100	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface
(8) * Proposed TACO screening level

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-11 0-2'				
TCL VOCs (mg/kg)						
Acetone	200,000	0.025 UJ				
Benzene	200	.014				
Bromodichloromethane	92	0.005 U				
Bromoform	720	0.005 U				
Bromomethane	1,000	0.01 U				
2-Butanone	--	0.01 U				
Carbon Disulfide	20,000	0.005				
Carbon Tetrachloride	44	0.005 U				
Chlorobenzene	4,100	0.005 U				
Chlorodibromomethane	41,000	0.005 U				
Chloroethane	--	0.01 U				
Chloroform	940	0.005 U				
Chloromethane	--	0.01 U				
1,1-Dichloroethane	200,000	0.005 U				
1,2-Dichloroethane	63	0.005 U				
1,1-Dichloroethene	1,800	0.005 U				
cis-1,2-Dichloroethene	20,000	0.005 U				
trans-1,2-Dichloroethene	41,000	0.005 U				
1,2-Dichloropropane	84	0.005 U				
cis-1,3-Dichloropropene	33	0.005 U				
trans-1,3-Dichloropropene	33	0.005 U				
Ethylbenzene	20,000	0.005 U				
2-hexanone	--	0.01 U				
4-methyl-2-pentanone	--	0.01 U				
Methylene Chloride	760	0.01 U				
Styrene	41,000	0.005 U				
1,1,2,2-Tetrachloroethane	--	0.005 U				
Tetrachloroethene	110	0.005 UJ				
Toluene	410,000	0.005 U				
1,1,1-Trichloroethane	--	0.005 U				
1,1,2-Trichloroethane	8,200	0.005 U				
Trichloroethene	520	.007 J				
Vinyl Acetate	200,000	0.01 U				
Vinyl Chloride	3	0.01 U				
Xylenes (total)	410,000	0.005 U				
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U				
2-Chlorophenol	10,000	0.330 UJ				
2.4-Dimethylphenol	41,000	0.330 U				
2,4-Dinitrophenol	410	1.600 U				
4,6-Dinitro-2-Methylphenol	--	1.600 U				
2-Methylphenol	100,000	0.330 UJ				
3&4-Methylphenol	--	0.330 U				
2-Nitrophenol	--	1.600 U				
4-Nitrophenol	--	1.600 U				
Pentachlorophenol	24	1.600 U				
Phenol	120,000	0.330 U				
2,4,5-Trichlorophenol	200,000	0.660 U				
2,4,6-Trichlorophenol	520	0.330 U				
Acenaphthene	120,000	0.33 UJ				
Acenaphthylene	--	0.434				
Anthracene	610,000	0.33 U				
Benzo[a]anthracene	8	0.33 U				
Benzo[b]fluoranthene	8	0.33 U				
Benzo[k]fluoranthene	78	0.33 U				
Benzo[g,h,i]perylene	--	0.33 U				
Benzo[a]pyrene	0.8	0.33 U				
Butylbenzylphalate	410,000	0.33 U				
bis(2-chloroethoxy)methane	--	0.33 U				
bis(2-chloroethyl) ether	5	0.33 U				
Bis(2-chloroisopropyl) ether	--	0.33 U				
Bis(2-ethylhexyl)phyhalate	410	0.33 U				
4-bromaphenylphenylether	--	0.33 U				
Carbazole	290	0.33 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) WT ~ NE - Water table not encountered
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 9 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-11 0-2'				
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U				
4-Chlorophenyl-phenylether	--	0.33 U				
4-Chloroaniline	820	0.33 U				
Chrysene	780	0.33 U				
Dibenz[a,h]anthracene	0.8	0.33 U				
Dibenzofuran	--	0.33 U				
Di-n-butylphthalate	200,000	0.33 U				
1,2-Dichlorobenzene	18,000	0.33 U				
1,3-Dichlorobenzene	--	0.33 U				
1,4-Dichlorobenzene	--	0.33 UJ				
3,3-Dichlorobenzidine	13	0.66 U				
2,4-Dichlorophenol	610	0.33 U				
Diethylphthalate	1,000,000	0.33 U				
Dimethylphtalate	--	0.33 U				
2,4-Dinitrotoluene	8.4	0.33 U				
2,6-Dinitrotoluene	8.4	0.33 U				
Di-n-octylphthalate	4,100	0.33 U				
Fluoranthene	82,000	0.33 U				
Fluorene	82,000	0.33 U				
Hexachlorobenzene	4	0.33 U				
Hexachlorobutadiene	--	0.33 U				
Hexachlorocyclopentadiene	14,000	0.33 UJ				
Hexachloroethane	2,000	0.33 U				
Indeno[1,2,3-cd]pyrene	8	0.33 U				
Isophorone	410,000	0.33 U				
2-Methylnaphthalene	--	0.33 U				
Naphthalene	8,200	0.33 U				
2-Nitroaniline	--	1.60 U				
3-Nitroaniline	--	1.60 U				
4-Nitroaniline	--	1.60 U				
Nitrobenzene	1000	0.33 U				
N-nitrosodi-n-propylamine	0.8	0.33 UJ				
N-nitrosodimethylamine	--	0.33 U				
N-nitrosodiphenylamine	1200	0.33 U				
Phenanthrene	--	0.33 U				
Pyrene	61,000	0.33 U				
1,2,4-Trichlorobenzene	2000	0.33 UJ				
Priority Pollutant Metals (mg/kg)						
Antimony	82	2.1 U				
Arsenic	13	5.4				
Barium	14,000	66.1				
Beryllium	160*	1.2				
Cadmium	200	0.41				
Chromium	4,100	20.5				
Copper	8,200	29.3				
Lead	400	48.5				
Mercury	61	0.05				
Nickel	4,100	29.8				
Selenium	1,000	0.81				
Silver	1,000	0.52 U				
Thallium	160	1 U				
Zinc	61,000	85.8				
Total Cyanide	4,100	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface
(8) * Proposed TACO screening level

Table 10
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1' WT ~ 10'	RPM-SB24-002 3-4' WT ~ 10'	RPM-SB24-003 5-7' WT ~ 10'	RPM-SB25-001 2-3' WT ~ 9'	RPM-SB25-002 5-7' WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	1.5	0.002U	0.007	0.002	0.002U	0.003J
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	100	NA	NA	NA	NA	NA
Bromomethane	3.9	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	9	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.64	NA	NA	NA	NA	NA
Chlorobenzene	1.3	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.54	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	130	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.7	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	0.5	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	24	NA	NA	NA	NA	NA
Styrene	430	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	20	NA	NA	NA	NA	NA
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	8.9	NA	NA	NA	NA	NA
Vinyl Acetate	10	NA	NA	NA	NA	NA
Vinyl Chloride	0.06	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	--	0.027	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	--	0.085	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	--	0.053	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	--	0.067	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	--	0.036	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	--	0.045	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1' WT ~ 10'	RPM-SB24-002 3-4' WT ~ 10'	RPM-SB24-003 5-7' WT ~ 10'	RPM-SB25-001 2-3' WT ~ 9'	RPM-SB25-002 5-7' WT ~ 9'
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	--	0.084	0.025U	0.025U	0.025U	0.025U
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.175	0.025U	0.025U	0.034	0.025U
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.040	0.025U	0.025U	0.025U	0.025U
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.076	0.025U	0.025U	0.025U	0.025U
Pyrene	--	0.173	0.025U	0.025U	0.040	0.025U
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	14.60	10.70	5.72	7.83	2.44
Barium	870,000	23.10	60.20	39.40	73.40	39.70
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	19.80	27.00	16.70	26.20	16.80
Copper	--	NA	NA	NA	NA	NA
Lead	--	32.50	18.70	16.90	16.70	14.10
Mercury	52,000	0.040U	0.050	0.044	0.040U	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.04	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB32-003 3-5'	RPM-SB33-001 1-2'	RPM-SB33-002 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	1.5	0.002U	0.002U	0.002U	0.002	0.008
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	100	NA	NA	NA	NA	NA
Bromomethane	3.9	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	9	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.64	NA	NA	NA	NA	NA
Chlorobenzene	1.3	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.54	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	130	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.7	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	0.5	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	24	NA	NA	NA	NA	NA
Styrene	430	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	20	NA	NA	NA	NA	NA
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	8.9	NA	NA	NA	NA	NA
Vinyl Acetate	10	NA	NA	NA	NA	NA
Vinyl Chloride	0.06	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.009
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.070	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.030	0.025U
Anthracene	--	0.025U	0.025U	0.025U	0.086	0.025U
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.057	0.032
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.026	0.026
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.036	0.025U
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.029	0.025U
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.049	0.030
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB32-003 3-5'	RPM-SB33-001 1-2'	RPM-SB33-002 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	--	0.025U	0.025U	0.025U	0.065	0.037
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.025U	0.025U	0.025U	0.079	0.025U
Fluorene	--	0.025U	0.025U	0.025U	0.098	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.026	0.025U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.122	0.132
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.306	0.083
Pyrene	--	0.025U	0.025U	0.025U	0.101	0.055
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--					
Arsenic	1,200	3.550	2.050	8.100	5.020	4.200
Barium	870,000	66.300	58.800	42.500	59.300	39.000
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	20.100	20.900	22.600	14.200	11.900
Copper	--	NA	NA	NA	NA	NA
Lead	--	21.800	16.300	13.500	179.000	240.000
Mercury	52,000	0.040U	0.040U	0.040U	0.040U	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.000U	1.000U	1.000U	1.000U	1.000U
Silver	--	0.500U	0.500U	0.500U	0.512	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 2-3'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	0.626E	0.025U
Benzene	1.5	0.002U	0.093	0.006	0.005U	0.005U
Bromodichloromethane	3,000	NA	NA	NA	0.005U	0.005U
Bromoform	100	NA	NA	NA	0.005U	0.005U
Bromomethane	3.9	NA	NA	NA	0.010U	0.010U
2-Butanone	--	NA	NA	NA	0.077	0.010U
Carbon Disulfide	9	NA	NA	NA	0.005	0.005U
Carbon Tetrachloride	0.64	NA	NA	NA	0.005U	0.005U
Chlorobenzene	1.3	NA	NA	NA	0.005U	0.005U
Chlorodibromomethane	1,300	NA	NA	NA	0.005U	0.005U
Chloroethane	--	NA	NA	NA	0.010U	0.010U
Chloroform	0.54	NA	NA	NA	0.005U	0.005U
Chloromethane	--	NA	NA	NA	0.010U	0.010U
1,1-Dichloroethane	130	NA	NA	NA	0.005U	0.005U
1,2-Dichloroethane	0.7	NA	NA	NA	0.005U	0.005U
1,1-Dichloroethene	1,500	NA	NA	NA	0.005U	0.005U
cis-1,2-Dichloroethene	1,200	NA	NA	NA	0.005U	0.005U
trans-1,2-Dichloroethene	3,100	NA	NA	NA	0.005U	0.005U
1,2-Dichloropropane	0.5	NA	NA	NA	0.005U	0.005U
cis-1,3-Dichloropropene	0.23	NA	NA	NA	0.005U	0.005U
trans-1,3-Dichloropropene	0.23	NA	NA	NA	0.005U	0.005U
EthylBenzene	58	0.005U	2.150	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	0.010U	0.010U
4-methyl-2-pentanone	--	NA	NA	NA	0.010U	0.010U
Methylene Chloride	24	NA	NA	NA	0.010U	0.010U
Styrene	430	0.005U	0.05U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	0.005U	0.005U
Tetrachloroethene	20	NA	NA	NA	0.005U	0.005U
Toluene	42	0.005U	0.132	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	0.005U	0.005U
1,1,2-Trichloroethane	1,800	NA	NA	NA	0.005U	0.005U
Trichloroethene	8.9	NA	NA	NA	0.005U	0.005U
Vinyl Acetate	10	NA	NA	NA	0.010U	0.010U
Vinyl Chloride	0.06	NA	NA	NA	0.010U	0.010U
Xylenes (total)	410	0.005U	4.540	NA	0.014	0.014
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 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	--	0.025U	0.025U	0.025U	0.027	0.025U
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.025U	0.025U	0.025U	0.038	0.025U
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.025U	0.025U
Pyrene	--	0.025U	0.025U	0.025U	0.029	0.025U
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	9.920	6.740	8.62	16.70	2.68
Barium	870,000	52.000	46.700	54.50	85.50	58.70
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	14.000	18.800	22.50	20.70	21.30
Copper	--	NA	NA	NA	NA	NA
Lead	--	12.400	91.100	15.40	27.90	15.90
Mercury	52,000	0.040U	0.040U	0.040U	0.040U	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.000U	1.000U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	0.131	0.265	0.107	0.060	NA
Benzene	1.5	0.005U	0.005U	0.005U	0.005U	0.002U
Bromodichloromethane	3,000	0.005U	0.005U	0.005U	0.005U	NA
Bromoform	100	0.005U	0.005U	0.005U	0.005U	NA
Bromomethane	3.9	0.010U	0.010U	0.010U	0.010U	NA
2-Butanone	--	0.016	0.029	0.020	0.013	NA
Carbon Disulfide	9	0.059	0.005U	0.006	0.005U	NA
Carbon Tetrachloride	0.64	0.005U	0.005U	0.005U	0.005U	NA
Chlorobenzene	1.3	0.005U	0.005U	0.005U	0.005U	NA
Chlorodibromomethane	1,300	0.005U	0.005U	0.005U	0.005U	NA
Chloroethane	--	0.010U	0.010U	0.010U	0.010U	NA
Chloroform	0.54	0.005U	0.005U	0.005U	0.005U	NA
Chloromethane	--	0.010U	0.010U	0.010U	0.010U	NA
1,1-Dichloroethane	130	0.005U	0.005U	0.005U	0.005U	NA
1,2-Dichloroethane	0.7	0.005U	0.005U	0.005U	0.005U	NA
1,1-Dichloroethene	1,500	0.005U	0.005U	0.005U	0.005U	NA
cis-1,2-Dichloroethene	1,200	0.444J	0.005U	0.005U	0.104	NA
trans-1,2-Dichloroethene	3,100	0.005U	0.005U	0.005U	0.013	NA
1,2-Dichloropropane	0.5	0.005U	0.005U	0.005U	0.005U	NA
cis-1,3-Dichloropropene	0.23	0.005U	0.005U	0.005U	0.005U	NA
trans-1,3-Dichloropropene	0.23	0.005U	0.005U	0.005U	0.005U	NA
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	0.010U	0.010U	0.010U	0.010U	NA
4-methyl-2-pentanone	--	0.010U	0.010U	0.010U	0.010U	NA
Methylene Chloride	24	0.010U	0.010U	0.010U	0.010U	NA
Styrene	430	0.005U	0.005U	0.005U	0.005U	NA
1,1,2,2-Tetrachloroethane	--	0.005U	0.005U	0.005U	0.005U	NA
Tetrachloroethene	20	0.005U	0.005U	0.005U	0.005U	NA
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	0.005U	0.005U	0.005U	0.005U	NA
1,1,2-Trichloroethane	1,800	0.005U	0.005U	0.005U	0.005U	NA
Trichloroethene	8.9	0.024	0.005U	0.005U	0.080	NA
Vinyl Acetate	10	0.010U	0.010U	0.010U	0.010U	NA
Vinyl Chloride	0.06	0.030	0.010U	0.010U	0.010U	NA
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 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	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	10000	NA	NA	NA	NA	NA
Fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.025U	0.025U
Pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	2.54	3.74	5.34	11.50	7.56
Barium	870,000	59.90	54.10	52.60	54.10	73.30
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	20.40	17.50	22.00	20.40	19.50
Copper	--	NA	NA	NA	NA	NA
Lead	--	14.10	24.60	15.00	15.10	15.30
Mercury	52,000	0.040U	0.101	0.040U	0.040U	0.047
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	1.5	0.002U	0.002U	0.003J	0.002U	0.002U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	100	NA	NA	NA	NA	NA
Bromomethane	3.9	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	9	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.64	NA	NA	NA	NA	NA
Chlorobenzene	1.3	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.54	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	130	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.7	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	0.5	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
EthylBenzene	58	0.005U	0.005U	0.005UJ	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	24	NA	NA	NA	NA	NA
Styrene	430	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	20	NA	NA	NA	NA	NA
Toluene	42	0.005U	0.005U	0.005UJ	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	8.9	NA	NA	NA	NA	NA
Vinyl Acetate	10	NA	NA	NA	NA	NA
Vinyl Chloride	0.06	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005U	0.005U	0.005UJ	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025UJ
Acenaphthylene	--	0.025U	0.025U	0.025U	0.039	0.025UJ
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025UJ
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.087	0.025UJ
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.046	0.025UJ
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.046	0.025UJ
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.033	0.025UJ
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.071	0.025UJ
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
		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	--	0.025U	0.025U	0.025U	0.153	0.025UJ
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025UJ
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.030	0.025U	0.025U	0.114	0.025UJ
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025UJ
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.030	0.025UJ
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025UJ
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.098	0.025UJ
Pyrene	--	0.025U	0.025U	0.025U	0.157	0.025UJ
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	4.80	2.65	10.20	7.17	4.13
Barium	870,000	62.90	45.20	45.60	89.30	55.20
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.659	0.500U
Chromium	420	20.90	19.60	23.00	21.20	22.00
Copper	--	NA	NA	NA	NA	NA
Lead	--	70.60	27.30	17.40	121.00	14.70
Mercury	52,000	0.044	0.040U	0.040U	0.071	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB45-001 3-5'	RPM-SB46-001 1-2'	RPM-SB46-002 4-6'	RPM-SB47-001 5-7'	RPM-SB60-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NAN	NA
Benzene	1.5	0.002	0.002U	0.003	0.002U	0.004
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	100	NA	NA	NA	NA	NA
Bromomethane	3.9	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	9	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.64	NA	NA	NA	NA	NA
Chlorobenzene	1.3	NA	NA	NA	NA	NA
Chlorodibromomethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.54	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	130	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.7	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	0.5	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	0.23	NA	NA	NA	NA	NA
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	24	NA	NA	NA	NA	NA
Styrene	430	NA	NA	NA	NA	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	20	NA	NA	NA	NA	NA
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1,800	NA	NA	NA	NA	NA
Trichloroethene	8.9	NA	NA	NA	NA	NA
Vinyl Acetate	10	NA	NA	NA	NA	NA
Vinyl Chloride	0.06	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.037
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.048
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.093
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.044
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB45-001 3-5' WT ~ NE	RPM-SB46-001 1-2' WT ~ NE	RPM-SB46-002 4-6' WT ~ NE	RPM-SB47-001 5-7' WT ~ 7'	RPM-SB60-001 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	--	NA	NA	NA	NA	NA
Chrysene	--	0.025U	0.025U	0.025U	0.025U	0.050
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.025U	0.025U	0.025U	0.025U	0.067
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.152
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.025U	0.277
Pyrene	--	0.025U	0.025U	0.025U	0.025U	0.111
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	9.31	3.87	2.49	3.35	7.950
Barium	870,000	40.80	60.70	55.90	25.20	47.700
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	19.70	24.20	19.60	10.20	21.700
Copper	--	NA	NA	NA	NA	NA
Lead	--	15.40	15.20	15.60	9.53	18.100
Mercury	52,000	0.040U	0.040U	0.400U	0.400U	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB78-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	0.08	0.025U	0.025U	0.025U
Benzene	1.5	0.002U	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	3,000	NA	0.005U	0.005U	0.005U	0.005U
Bromoform	100	NA	0.005U	0.005U	0.005U	0.005U
Bromomethane	3.9	NA	0.010U	0.010U	0.010U	0.010U
2-Butanone	--	NA	0.024	0.010U	0.010U	0.010U
Carbon Disulfide	9	NA	0.005U	0.005U	0.005U	0.005U
Carbon Tetrachloride	0.64	NA	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	1.3	NA	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	1,300	NA	0.005U	0.005U	0.005U	0.005U
Chloroethane	--	NA	0.010U	0.010U	0.010U	0.010U
Chloroform	0.54	NA	0.005U	0.005U	0.005U	0.005U
Chloromethane	--	NA	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	130	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	0.7	NA	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	1,500	NA	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	1,200	NA	0.005U	0.005U	0.005U	0.005U
trans-1,2-Dichloroethene	3,100	NA	0.005U	0.005U	0.005U	0.005U
1,2-Dichloropropane	0.5	NA	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	0.23	NA	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	0.23	NA	0.005U	0.005U	0.005U	0.005U
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	NA	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	--	NA	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	24	NA	0.010U	0.010U	0.010U	0.010U
Styrene	430	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	20	NA	0.005U	0.005U	0.005U	0.005U
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	1,800	NA	0.005U	0.005U	0.005U	0.005U
Trichloroethene	8.9	NA	0.005U	0.005U	0.005U	0.005U
Vinyl Acetate	10	NA	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	0.06	NA	0.010U	0.010U	0.010U	0.010U
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.059
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.025	0.097
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.030	0.080
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.072
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.025U	0.066
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.093
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB78-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	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	--	0.025U	0.025U	0.025U	0.030	0.110
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.025U	0.025U	0.025U	0.046	0.087
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.025U	0.056
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.025U	0.025U	0.025U	0.025U	0.032
Pyrene	--	0.025U	0.025U	0.025U	0.044	0.117
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	5.23	6.69	3.46	5.45	2.47
Barium	870,000	48.70	74.70	54.80	16.30	61.00
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	21.30	19.70	21.30	6.54	20.40
Copper	--	NA	NA	NA	NA	NA
Lead	--	13.10	30.40	12.00	237.00	19.00
Mercury	52,000	0.040U	0.040U	0.040U	0.53	0.040U
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.30	0.25U	0.25U	0.25U

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) WT ~ NE - Water table not encountered
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'	RPM-SB81-001 3-4'	RPM-SB83-001 3-4'
		WT ~ NE	WT ~ 4'	WT ~ 5'	WT ~ 4'	WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	100,000	0.025U	0.025U	0.025U	0.13	0.025U
Benzene	1.5	0.005U	0.005U	0.005U	0.005U	0.005U
Bromodichloromethane	3,000	0.005U	0.005U	0.005U	0.005U	0.005U
Bromoform	100	0.005U	0.005U	0.005U	0.005U	0.005U
Bromomethane	3.9	0.010U	0.010U	0.010U	0.010U	0.010U
2-Butanone	--	0.010U	0.010U	0.010U	0.020	0.010U
Carbon Disulfide	9	0.005U	0.005U	0.005U	0.005U	0.005U
Carbon Tetrachloride	0.64	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorobenzene	1.3	0.005U	0.005U	0.005U	0.005U	0.005U
Chlorodibromomethane	1,300	0.005U	0.005U	0.005U	0.005U	0.005U
Chloroethane	--	0.010U	0.010U	0.010U	0.010U	0.010U
Chloroform	0.54	0.005U	0.005U	0.005U	0.005U	0.005U
Chloromethane	--	0.010U	0.010U	0.010U	0.010U	0.010U
1,1-Dichloroethane	130	0.005U	0.005U	0.005U	0.005U	0.005U
1,2-Dichloroethane	0.7	0.005U	0.005U	0.005U	0.005U	0.005U
1,1-Dichloroethene	1,500	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,2-Dichloroethene	1,200	0.005U	0.005U	0.005U	0.005U	0.005U
trans-1,2-Dichloroethene	3,100	0.005U	0.005U	0.005U	0.005U	0.005U
1,2-Dichloropropane	0.5	0.005U	0.005U	0.005U	0.005U	0.005U
cis-1,3-Dichloropropene	0.23	0.005U	0.005U	0.005U	0.005U	0.005U
trans-1,3-Dichloropropene	0.23	0.005U	0.005U	0.005U	0.005U	0.005U
EthylBenzene	58	0.005U	0.005U	0.005U	0.005U	0.005U
2-hexanone	--	0.010U	0.010U	0.010U	0.010U	0.010U
4-methyl-2-pentanone	--	0.010U	0.010U	0.010U	0.010U	0.010U
Methylene Chloride	24	0.010U	0.010U	0.010U	0.010U	0.010U
Styrene	430	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	0.005U	0.005U	0.005U	0.005U	0.005U
Tetrachloroethene	20	0.005U	0.005U	0.005U	0.005U	0.005U
Toluene	42	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	0.005U	0.005U	0.005U	0.005U	0.005U
1,1,2-Trichloroethane	1,800	0.005U	0.005U	0.005U	0.005U	0.005U
Trichloroethene	8.9	0.005U	0.005U	0.005U	0.005U	0.005U
Vinyl Acetate	10	0.010U	0.010U	0.010U	0.010U	0.010U
Vinyl Chloride	0.06	0.010U	0.010U	0.010U	0.010U	0.010U
Xylenes (total)	410	0.005U	0.005U	0.005U	0.005U	0.005U
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	390	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.071	0.036	0.075	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	--	0.025U	0.077	0.114	0.242	0.025U
Benzo[a]anthracene	--	0.025U	0.134	0.299	0.867	0.029
Benzo[b]fluoranthene	--	0.025U	0.077	0.155	0.616	0.027
Benzo[k]fluoranthene	--	0.025U	0.108	0.208	0.437	0.031
Benzo[g,h,i]perylene	--	0.025U	0.099	0.169	0.305	0.025U
Benzo[a]pyrene	--	0.025U	0.115	0.275	0.646	0.028
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.47	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'	RPM-SB81-001 3-4'	RPM-SB83-001 3-4'
		WT ~ NE	WT ~ 4'	WT ~ 5'	WT ~ 4'	WT ~ 9'
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	--	0.029	0.149	0.308	0.895	0.035
Dibenz[a,h]anthracene	--	0.025U	0.045	0.089	0.163	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2,300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	310	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	340	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	--	0.052	0.271	0.750	1.890	0.054
Fluorene	--	0.025U	0.036	0.039	0.087	0.025U
Hexachlorobenzene	1.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	1.1	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.088	0.166	0.333	0.025U
Isophorone	4,600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	9.4	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	--	0.026	0.124	0.360	0.685	0.025U
Pyrene	--	0.043	0.230	0.569	1.770	0.047
1,2,4-Trichlorobenzene	920	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	1,200	12.80	6.19	4.34	9.92	3.89
Barium	870,000	47.10	19.70	28.80	31.40	68.60
Beryllium	2,100	NA	NA	NA	NA	NA
Cadmium	2,800	0.500U	0.500U	0.500U	0.500U	0.500U
Chromium	420	21.90	26.00	9.25	11.80	21.20
Copper	--	NA	NA	NA	NA	NA
Lead	--	17.70	26.40	47.20	21.40	86.50
Mercury	52,000	0.040U	0.040U	0.228	0.473	0.435
Nickel	21,000	NA	NA	NA	NA	NA
Selenium	--	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.54	0.25U	0.25U

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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB83-002 6-8' WT ~ 9'	B-6 6-8' WT ~ 6'	B-8 2-4' WT ~ NE	B-9 4-5'	B-10 6-8' WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	0.025U	0.025 UJ	0.025 UJ	0.025 U	0.1 J
Benzene	1.5	0.005U	0.015 J	0.005 U	0.005 U	0.010 J
Bromodichloromethane	3,000	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Bromoform	100	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Bromomethane	3.9	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
2-Butanone	--	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Carbon Disulfide	9	0.005U	0.005 UJ	0.005 U	0.005 U	0.006 J
Carbon Tetrachloride	0.64	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chlorobenzene	1.3	0.005U	0.005	0.005 U	0.005 U	0.005 UJ
Chlorodibromomethane	1,300	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chloroethane	--	0.010U	0.01 UJ	0.01 U	0.01 U	0.061 J
Chloroform	0.54	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chloromethane	--	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
1,1-Dichloroethane	130	0.005U	0.005 UJ	0.005 U	0.005 U	0.064 J
1,2-Dichloroethane	0.7	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,1-Dichloroethene	1,500	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
cis-1,2-Dichloroethene	1,200	0.902	0.005 UJ	0.005 U	0.005 U	0.005 UJ
trans-1,2-Dichloroethene	3,100	0.055	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,2-Dichloropropane	0.5	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
cis-1,3-Dichloropropene	0.23	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
trans-1,3-Dichloropropene	0.23	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
EthylBenzene	58	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
2-hexanone	--	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
4-methyl-2-pentanone	--	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Methylene Chloride	24	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Styrene	430	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Tetrachloroethene	20	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Toluene	42	0.005U	0.005 UJ	0.005 UJ	0.005 U	0.005 J
1,1,1-Trichloroethane	1,200	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,1,2-Trichloroethane	1,800	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Trichloroethene	8.9	3.090	0.005 UJ	0.005 UJ	0.005 U	0.005 UJ
Vinyl Acetate	10	0.010U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Vinyl Chloride	0.06	0.010	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Xylenes (total)	410	0.005U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2-Chlorophenol	53,000	NA	0.330 UJ	0.330 UJ	0.330 U	0.330 UJ
2,4-Dimethylphenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2,4-Dinitrophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
4,6-Dinitro-2-Methylphenol	--	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 UJ
2-Methylphenol	--	NA	0.330 UJ	0.330 UJ	0.330 U	0.330 UJ
3&4-Methylphenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2-Nitrophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
4-Nitrophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
Pentachlorophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
Phenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2,4,5-Trichlorophenol	--	NA	0.660 UJ	0.660 U	0.660 U	0.660 UJ
2,4,6-Trichlorophenol	390	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
Acenaphthene	--	0.025U	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Acenaphthylene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Anthracene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[a]anthracene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[b]fluoranthene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[k]fluoranthene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[g,h,i]perylene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[a]pyrene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Butylbenzylphalate	930	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethoxy)methane	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethyl) ether	0.47	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Bis(2-chloroisopropyl) ether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Bis(2-ethylhexyl)phyhalate	31,000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-bromaphenylphenylether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB83-002 6-8' WT ~ 9'	B-6 6-8' WT ~ 6'	B-8 2-4' WT ~ NE	B-9 4-5'	B-10 6-8' WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-Chlorophenyl-phenylether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-Chloroaniline	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Chrysene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dibenz[a,h]anthracene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dibenzofuran	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Di-n-butylphthalate	2,300	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,2-Dichlorobenzene	310	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,3-Dichlorobenzene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,4-Dichlorobenzene	340	NA	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	--	NA	0.66 UJ	0.66 U	0.66 U	0.66 UJ
2,4-Dichlorophenol	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Diethylphthalate	2,000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dimethylphtalate	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2,4-Dinitrotoluene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2,6-Dinitrotoluene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Di-n-octylphthalate	10,000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Fluoranthene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Fluorene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorobenzene	1.8	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorobutadiene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorocyclopentadiene	1.1	NA	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ
Hexachloroethane	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Indeno[1,2,3-cd]pyrene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Isophorone	4,600	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2-Methylnaphthalene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Naphthalene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
3-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
4-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
Nitrobenzene	9.4	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
N-nitrosodi-n-propylamine	--	NA	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ
N-nitrosodimethylamine	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
N-nitrosodiphenylamine	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Phenanthrene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Pyrene	--	0.025U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,2,4-Trichlorobenzene	920	NA	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	1.9 U	2 U	2.2 U	2 U
Arsenic	1,200	8.83	8.2	8.3	5.8	6.6
Barium	870,000	45.90	27.2	49.6	34.4	43.7
Beryllium	2,100	NA	0.49	0.66	0.65	0.65
Cadmium	2,800	0.500U	0.37	0.2 U	0.22 U	0.40
Chromium	420	21.20	14.2	22	19.1	19.1
Copper	--	NA	34.4	22	33.1	24.9
Lead	--	15.10	13.3	12.3	15.5	11.3
Mercury	52,000	0.04U	0.04 U	0.04 U	0.04 U	0.04 U
Nickel	21,000	NA	27.2	26.7	29.6	30.9
Selenium	--	1.00U	0.47 U	0.51	0.54 U	0.5 U
Silver	--	0.500U	0.47 U	0.51 U	0.54 U	0.5 U
Thallium	--	NA	0.94 U	1 U	1.1 U	1 U
Zinc	--	NA	43.2	41.7	42.5	38.3
Total Cyanide	--	0.25U	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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-11 4-5' WT ~ NE	B-17 7-8' WT ~ NE	B-17 DUP 7-8' WT ~ NE	B-19 2-4' WT ~ 6'	SS-07 0-2'
TCL VOCs (mg/kg)						
Acetone	100,000	0.025 U	0.025 UJ	0.025 UJ	1.2 UJ	0.025 UJ
Benzene	1.5	0.005 U	3.51 J	3.08 J	3.56	0.005 U
Bromodichloromethane	3,000	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Bromoform	100	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Bromomethane	3.9	0.01 U	0.01 UJ	0.01 UJ	0.2 U	0.01 U
2-Butanone	--	0.01 U	0.01 UJ	0.01 UJ	0.922	0.01 U
Carbon Disulfide	9	0.005 U	0.046 J	0.049 J	0.25 U	0.005 U
Carbon Tetrachloride	0.64	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Chlorobenzene	1.3	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Dibromochloromethane	1,300	0.005 U	0.005 UJ	0.005 UJ	0.2	0.005 U
Chloroethane	--	0.01 U	0.01 UJ	0.01 UJ	0.25	0.01 U
Chloroform	0.54	0.005 U	0.005 UJ	0.005 UJ	0.3 U	0.005 U
Chloromethane	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
1,1-Dichloroethane	130	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,2-Dichloroethane	0.7	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,1-Dichloroethene	1,500	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
cis-1,2-dichloroethene	1,200	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
trans-1,2-dichloroethene	3,100	0.005 U	0.005 UJ	0.005 UJ	0.25 U	0.005 U
1,2 Dichloropropane	0.5	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
cis-1,3-dichloropropene	0.23	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
trans-1,3-dichloropropene	0.23	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Ethylbenzene	58	0.005 U	3.55 J	3.09 J	2.99	0.005 U
2-hexanone	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
4-methyl-2-pentanone	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
Methylene Chloride	24	0.01 U	0.01 UJ	0.01 UJ	0.25 U	0.01 U
Styrene	430	0.005 U	0.005 UJ	0.005 UJ	0.702	0.005 U
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Tetrachloroethene	20	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Toluene	42	0.005 U	0.106 J	0.145 J	3.89	0.005 U
1,1,1-Trichloroethane	1,200	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,1,2-Trichloroethene	1,800	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Trichloroethene	8.9	0.005 U	0.007 J	0.007 J	0.2 U	0.005 U
Vinyl Acetate	10	0.01 U	0.01 UJ	0.01 UJ	0.35 U	0.01 U
Vinyl Chloride	0.06	0.01 U	0.01 UJ	0.01 UJ	0.2 U	0.01 U
Xylenes	410	0.005 U	6.2 J	5.24 J	7.13	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 UJ	0.330 U	0.330 U	0.330 U
2-Chlorophenol	53,000	0.330 U	0.330 UJ	0.330 U	0.330 UJ	0.330 UJ
2,4-Dimethylphenol	--	0.330 U	0.330 UJ	0.330 U	0.330 U	0.330 U
2,4-Dinitrophenol	--	1.600 U	1.600 U	1.600 U	1.600 U	0.330 U
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
2-Methylphenol	--	0.330 U	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
3&4-Methylphenol	--	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
2-Nitrophenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
4-Nitrophenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
Pentachlorophenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
Phenol	--	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
2,4,5-Trichlorophenol	--	0.660 U	0.660 UJ	0.660 UJ	0.660 U	0.660 U
2,4,6-Trichlorophenol	390	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
Acenaphthene	--	0.33 UJ	13.5 J	18.1 J	7.46 J	1.19 J
Acenaphthylene	--	0.33 U	0.33 UJ	0.33 U	8.32	0.33 U
Anthracene	--	0.33 U	16.6 J	16.1 J	7.43	7.99
Benzo(a)anthracene	--	0.33 U	8.2 J	11	8.91	19.3
Benzo(b)fluoranthene	--	0.33 U	1.31 J	2.06	9.3	6.21
Benzo(k)fluoranthene	--	0.33 U	1.22 J	1.18	7.22	4.71
Benzo(g,h,I)perylene	--	0.33 U	3 J	5.48	1.22	4.6
Benzo(a)pyrene	--	0.33 U	2.09 J	2.94	1.08	4.47
Butylbenzylphthalate	930	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
bis(2-chloroethoxy)methane	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
bis(2-chloroethyl) ether	0.47	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Bis(2-chloroisopropyl)ether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	31,000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-bromophenylphenylether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-11 4-5' WT ~ NE	B-17 7-8' WT ~ NE	B-17 DUP 7-8' WT ~ NE	B-19 2-4' WT ~ 6'	SS-07 0-2'
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-Chlorophenyl-phenylether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-Chloroaniline	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Chrysene	--	0.33 U	9.87 J	12.70	9.85	18.90
Dibenzo(a,h)anthracene	--	0.33 U	1.12 J	2.58	0.33 U	0.74
Dibenzofuran	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.405
Di-n-butylphthalate	2,300	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	310	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,3-Dichlorobenzene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	340	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	--	0.66 U	0.66 UJ	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Diethylphthalate	2,000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Dimethylphthalate	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2,4-Dinitrotoluene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2,6-Dinitrotoluene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	10,000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Fluoranthene	--	0.33 U	15.30 J	18.70	18.00	53.60
Fluorene	--	0.33 U	22.50 J	31.40	29.80	1.99
Hexachlorobenzene	1.8	0.33 U	0.33 UJ	0.33 U	0.33 U	0.30 U
Hexachlorobutadiene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	1.1	0.33 U	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
Hexachloroethane	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Indeno(1,2,3-cd)pyrene	--	0.33 U	1.84 J	3.83	0.90	3.74
Isophorone	4,600	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	--	0.33 U	23.90 J	32.70	17.70	0.33 U
Naphthalene	--	0.33 U	31.90 J	44.90	30.90	0.33 U
2-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
3-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
4-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
Nitrobenzene	9.4	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	--	0.33 U	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
N-Nitrosodimethylamine	--	0.33 UJ	0.33 UJ	0.33 U	0.33 U	0.33 U
N-nitrosodiphenylamine	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Phenanthrene	--	0.33 U	59.00 J	74.80	70.60	22.10
Pyrene	--	0.33 U	21.60 J	25.20	25.00	41.30
1,2,4-Trichlorobenzene	920	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	--	2.1 U	2.4 U	2.3 U	1.9 U	2 U
Arsenic	1,200	2.6	5.7	6	6.3	4.5
Barium	870,000	34.5	67.5	56	54.5	48.3
Beryllium	2,100	0.58	0.66	0.62	0.66	0.55
Cadmium	2,800	0.21 U	0.53	0.89	0.85	0.54
Chromium	420	18.8	20.3	16.7	17.3	16.1
Copper	--	29.6	26.6	29.6	25	21.4
Lead	--	13.2	235	127	22.6	70.8
Mercury	52,000	0.04 U	0.06	0.06	0.09	0.17
Nickel	21,000	27.8	23.7	26.8	26.1	18.4
Selenium	--	0.53 U	0.6 U	0.57 U	0.57	0.72
Silver	--	0.53 U	0.6 U	0.57 U	0.49 U	0.5 U
Thallium	--	1.1 U	1.2 U	1.1 U	0.97	1 U
Zinc	--	45.5	268	397	252	100
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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-08 0-2'	SS-09 0-2'	SS-11 0-2'		
TCL VOCs (mg/kg)						
Acetone	100,000	0.137 UJ	0.106 UJ	0.025 UJ		
Benzene	1.5	0.005 U	.005 U	.014		
Bromodichloromethane	3,000	0.005 U	0.005 U	0.005 U		
Bromoform	100	0.005 U	0.005 U	0.005 U		
Bromomethane	3.9	0.01 U	0.01 U	0.01 U		
2-Butanone	--	0.051	0.032	0.01 U		
Carbon Disulfide	9	0.005 U	0.005 U	0.005		
Carbon Tetrachloride	0.64	0.005 U	0.005 U	0.005 U		
Chlorobenzene	1.3	0.005 U	0.005 U	0.005 U		
Dibromochloromethane	1,300	0.005 U	0.005 U	0.005 U		
Chloroethane	--	0.01 U	0.01 U	0.01 U		
Chloroform	0.54	0.005 U	0.005 U	0.005 U		
Chloromethane	--	0.01 U	0.01 U	0.01 U		
1,1-Dichloroethane	130	0.005 U	0.005 U	0.005 U		
1,2-Dichloroethane	0.7	0.005 U	0.005 U	0.005 U		
1,1-Dichloroethene	1,500	0.005 U	0.005 U	0.005 U		
cis-1,2-dichloroethene	1,200	0.005 U	0.005 U	0.005 U		
trans-1,2-dichloroethene	3,100	0.005 U	0.005 U	0.005 U		
1,2 Dichloropropane	0.5	0.005 U	0.005 U	0.005 U		
cis-1,3-dichloropropene	0.23	0.005 U	0.005 U	0.005 U		
trans-1,3-dichloropropene	0.23	0.005 U	0.005 U	0.005 U		
Ethylbenzene	58	0.005 U	0.005 U	0.005 U		
2-hexanone	--	0.01 U	0.01 U	0.01 U		
4-methyl-2-pentanone	--	0.01 U	0.01 U	0.01 U		
Methylene Chloride	24	0.01 U	0.01 U	0.01 U		
Styrene	430	0.005 U	0.005 U	0.005 U		
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 U	0.005 U		
Tetrachloroethene	20	0.005 U	0.005 U	0.005 UJ		
Toluene	42	0.005 U	0.005 U	0.005 U		
1,1,1-Trichloroethane	1,200	0.005 U	0.005 U	0.005 U		
1,1,2-Trichloroethene	1,800	0.005 U	0.005 U	0.005 U		
Trichloroethene	8.9	0.005 U	0.005 U	.007 J		
Vinyl Acetate	10	0.01 U	0.01 U	0.01 U		
Vinyl Chloride	0.06	0.01 U	0.01 U	0.01 U		
Xylenes	410	0.005 U	0.005 U	0.005 U		
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 U	0.330 U		
2-Chlorophenol	53,000	0.330 UJ	0.330 UJ	0.330 UJ		
2,4-Dimethylphenol	--	0.330 U	0.330 U	0.330 U		
2,4-Dinitrophenol	--	1.600 U	1.600 U	1.600 U		
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.600 U	1.600 U		
2-Methylphenol	--	0.330 UJ	0.330 UJ	0.330 UJ		
3&4-Methylphenol	--	0.330 U	0.330 U	0.330 U		
2-Nitrophenol	--	1.600 U	1.600 U	1.600 U		
4-Nitrophenol	--	1.600 U	1.600 U	1.600 U		
Pentachlorophenol	--	1.600 U	1.600 U	1.600 U		
Phenol	--	0.330 U	0.330 U	0.330 U		
2,4,5-Trichlorophenol	--	0.660 U	0.660 U	0.660 U		
2,4,6-Trichlorophenol	390	0.330 U	0.330 U	0.330 U		
Acenaphthene	--	0.33 UJ	0.33 UJ	0.33 UJ		
Acenaphthylene	--	0.33 U	0.33 U	0.434		
Anthracene	--	0.33 U	0.33 U	0.33 U		
Benzo(a)anthracene	--	0.33 U	0.33 U	0.33 U		
Benzo(b)fluoranthene	--	0.33 U	0.33 U	0.33 U		
Benzo(k)fluoranthene	--	0.33 U	0.33 U	0.33 U		
Benzo(g,h,I)perylene	--	0.33 U	0.33 U	0.33 U		
Benzo(a)pyrene	--	0.33 U	0.33 U	0.33 U		
Butylbenzylphthalate	930	0.33 U	0.33 U	0.33 U		
bis(2-chloroethoxy)methane	--	0.33 U	0.33 U	0.33 U		
bis(2-chloroethyl) ether	0.47	0.33 U	0.33 U	0.33 U		
Bis(2-chloroisopropyl)ether	--	0.33 U	0.33 U	0.33 U		
Bis(2-ethylhexyl)phthalate	31,000	0.33 U	0.33 U	0.33 U		
4-bromophenylphenylether	--	0.33 U	0.33 U	0.33 U		
Carbazole	--	0.33 U	0.33 U	0.33 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) WT ~ NE - Water table not encountered.
(7) WT ~ n' - Water table approximately n feet below ground surface.

Table 10 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Properties
Rogers Park Main Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-08 0-2'	SS-09 0-2'	SS-11 0-2'		
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U	0.33 U	0.33 U		
4-Chlorophenyl-phenylether	--	0.33 U	0.33 U	0.33 U		
4-Chloroaniline	--	0.33 U	0.33 U	0.33 U		
Chrysene	--	0.33 U	0.33 U	0.33 U		
Dibenzo(a,h)anthracene	--	0.33 U	0.33 U	0.33 U		
Dibenzofuran	--	0.33 U	0.33 U	0.33 U		
Di-n-butylphthalate	2,300	0.33 U	0.33 U	0.33 U		
1,2-Dichlorobenzene	310	0.33 U	0.33 U	0.33 U		
1,3-Dichlorobenzene	--	0.33 U	0.33 U	0.33 U		
1,4-Dichlorobenzene	340	0.33 UJ	0.33 UJ	0.33 UJ		
3,3-Dichlorobenzidine	--	0.66 U	0.66 U	0.66 U		
2,4-Dichlorophenol	--	0.33 U	0.33 U	0.33 U		
Diethylphthalate	2,000	0.33 U	0.33 U	0.33 U		
Dimethylphthalate	--	0.33 U	0.33 U	0.33 U		
2,4-Dinitrotoluene	--	0.33 U	0.33 U	0.33 U		
2,6-Dinitrotoluene	--	0.33 U	0.33 U	0.33 U		
Di-n-octylphthalate	10,000	0.33 U	0.33 U	0.33 U		
Fluoranthene	--	0.33 U	0.33 U	0.33 U		
Fluorene	--	0.33 U	0.33 U	0.33 U		
Hexachlorobenzene	1.8	0.33 U	0.33 U	0.33 U		
Hexachlorobutadiene	--	0.33 U	0.33 U	0.33 U		
Hexachlorocyclopentadiene	1.1	0.33 UJ	0.33 UJ	0.33 UJ		
Hexachloroethane	--	0.33 U	0.33 U	0.33 U		
Indeno(1,2,3-cd)pyrene	--	0.33 U	0.33 U	0.33 U		
Isophorone	4,600	0.33 U	0.33 U	0.33 U		
2-Methylnaphthalene	--	0.33 U	0.33 U	0.33 U		
Naphthalene	--	0.33 U	0.33 U	0.33 U		
2-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
3-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
4-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
Nitrobenzene	9.4	0.33 U	0.33 U	0.33 U		
N-nitrosodi-n-propylamine	--	0.33 UJ	0.33 UJ	0.33 UJ		
N-Nitrosodimethylamine	--	0.33 U	0.33 U	0.33 U		
N-nitrosodiphenylamine	--	0.33 U	0.33 U	0.33 U		
Phenanthrene	--	0.33 U	0.33 U	0.33 U		
Pyrene	--	0.33 UJ	0.33 U	0.33 U		
1,2,4-Trichlorobenzene	920	0.66 U	0.33 UJ	0.33 UJ		
Priority Pollutant Metals (mg/kg)						
Antimony	--	2 U	2 U	2.1 U		
Arsenic	1,200	6.1	5.9	5.4		
Barium	870,000	90.6	107	66.1		
Beryllium	2,100	0.91	1	1.2		
Cadmium	2,800	0.57	0.26	0.41		
Chromium	420	22.4	24.8	20.5		
Copper	--	31.6	21.5	29.3		
Lead	--	63.5	14.7	48.5		
Mercury	52,000	0.11	0.12	0.05		
Nickel	21,000	24.2	36.8	29.8		
Selenium	--	0.66	0.5 U	0.81		
Silver	--	0.51 U	0.5 U	0.52 U		
Thallium	--	1 U	0.99 U	1 U		
Zinc	--	77.3	44.4	85.8		
Total Cyanide	--	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) WT ~ NE - Water table not encountered
(7) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1'	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'
		WT ~ 10'	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.007	0.002	0.002 U	0.003 J
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	1.2	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	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
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	20	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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	0.027	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.085	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.053	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	250	0.067	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene	--	0.036	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.045	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-001 0.5-1'	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'
		WT ~ 10'	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'
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	800	0.084	0.025 U	0.025 U	0.025 U	0.025 U
Dibenz[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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.175	0.025 U	0.025 U	0.034	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	0.040	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	420	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	0.26	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	--	0.076	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	21,000	0.173	0.025 U	0.025 U	0.040	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	14.60	10.70	5.72	7.83	2.44
Barium	1,800	23.10	60.20	39.40	73.40	39.70
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium**	28	19.80	27.00	16.70	26.20	16.80
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	32.50	18.70	16.90	16.70	14.10
Mercury	32	0.040 U	0.050	0.044	0.040 U	0.040 U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.04	1.00 U	1.00 U	1.00 U	1.00 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB32-003 3-5'	RPM-SB33-001 1-2'	RPM-SB33-002 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 U	0.002 U	0.002	0.008
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	1.2	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	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
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	0.009
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	20	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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	0.070	0.025 U
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.030	0.025 U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.086	0.025 U
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.057	0.032
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.026	0.026
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.036	0.025 U
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.029	0.025 U
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.049	0.030
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB32-001 1-2'	RPM-SB32-002 2-3'	RPM-SB32-003 3-5'	RPM-SB33-001 1-2'	RPM-SB33-002 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	800	0.025 U	0.025 U	0.025 U	0.065	0.037
Dibenz[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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	NA	NA	NA	NA	NA
Di-n-octylphthalate	10000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.025 U	0.025 U	0.025 U	0.079	0.025 U
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.098	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	0.026	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025 U	0.025 U	0.025 U	0.122	0.132
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.26	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	0.306	0.083
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.101	0.055
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	3.550	2.050	8.100	5.020	4.200
Barium	1,800	66.300	58.800	42.500	59.300	39.000
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium**	28	20.100	20.900	22.600	14.200	11.900
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	21.800	16.300	13.500	NR	NR
Mercury	32	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.512	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	0.206	0.015
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 2-3'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	0.626 J	0.025 U
Benzene	0.17	0.002 U	0.093	0.006	0.005 U	0.005 U
Bromodichloromethane	0.6	NA	NA	NA	0.005 U	0.005 U
Bromoform	0.8	NA	NA	NA	0.005 U	0.005 U
Bromomethane	1.2	NA	NA	NA	0.010 U	0.010 U
2-Butanone	--	NA	NA	NA	0.077	0.010 U
Carbon Disulfide	160	NA	NA	NA	0.005	0.005 U
Carbon Tetrachloride	0.33	NA	NA	NA	0.005 U	0.005 U
Chlorobenzene	6.5	NA	NA	NA	0.005 U	0.005 U
Chlorodibromomethane	0.4	NA	NA	NA	0.005 U	0.005 U
Chloroethane	--	NA	NA	NA	0.010 U	0.010 U
Chloroform	2.9	NA	NA	NA	0.005 U	0.005 U
Chloromethane	--	NA	NA	NA	0.010 U	0.010 U
1,1-Dichloroethane	110	NA	NA	NA	0.005 U	0.005 U
1,2-Dichloroethane	0.1	NA	NA	NA	0.005 U	0.005 U
1,1-Dichloroethene	0.3	NA	NA	NA	0.005 U	0.005 U
cis-1,2-Dichloroethene	1.1	NA	NA	NA	0.005 U	0.005 U
trans-1,2-Dichloroethene	3.4	NA	NA	NA	0.005 U	0.005 U
1,2-Dichloropropane	0.15	NA	NA	NA	0.005 U	0.005 U
cis-1,3-Dichloropropene	0.02	NA	NA	NA	0.005 U	0.005 U
trans-1,3-Dichloropropene	0.02	NA	NA	NA	0.005 U	0.005 U
EthylBenzene	19	0.005 U	2.150	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	0.010 U	0.010 U
4-methyl-2-pentanone	--	NA	NA	NA	0.010 U	0.010 U
Methylene Chloride	0.2	NA	NA	NA	0.010 U	0.010 U
Styrene	18	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	0.005 U	0.005 U
Tetrachloroethene	0.3	NA	NA	NA	0.005 U	0.005 U
Toluene	29	0.005 U	0.132	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	0.005 U	0.005 U
1,1,2-Trichloroethane	0.3	NA	NA	NA	0.005 U	0.005 U
Trichloroethene	0.3	NA	NA	NA	0.005 U	0.005 U
Vinyl Acetate	170	NA	NA	NA	0.010 U	0.010 U
Vinyl Chloride	0.07	NA	NA	NA	0.010 U	0.010 U
Xylenes (total)	150	0.005 U	4.540	NA	0.014	0.014
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	20	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB33-003 3-5'	RPM-SB33-004 7-9'	RPM-SB34-001 5-7'	RPM-SB39-001 0-1'	RPM-SB39-002 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	800	0.025 U	0.025 U	0.025 U	0.027	0.025 U
Dibenz[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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	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	0.038	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	420	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	0.26	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	0.029	0.025 U
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	9.920	6.740	8.62	16.70	2.68
Barium	1,800	52.000	46.700	54.50	85.50	58.70
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium**	28	14.000	18.800	22.50	20.70	21.30
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	12.400	NR	15.40	27.90	15.90
Mercury	32	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.000 U	1.000 U	1.00 U	1.00 U	1.00 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	0.005U	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	0.131	0.265	0.107	0.060	NA
Benzene	0.17	0.005 U	0.005 U	0.005 U	0.005 U	0.002 U
Bromodichloromethane	0.6	0.005 U	0.005 U	0.005 U	0.005 U	NA
Bromoform	0.8	0.005 U	0.005 U	0.005 U	0.005 U	NA
Bromomethane	1.2	0.010 U	0.010 U	0.010 U	0.010 U	NA
2-Butanone	--	0.016	0.029	0.020	0.013	NA
Carbon Disulfide	160	0.059	0.005 U	0.006	0.005 U	NA
Carbon Tetrachloride	0.33	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chlorobenzene	6.5	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chlorodibromomethane	0.4	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chloroethane	--	0.010 U	0.010 U	0.010 U	0.010 U	NA
Chloroform	2.9	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chloromethane	--	0.010 U	0.010 U	0.010 U	0.010 U	NA
1,1-Dichloroethane	110	0.005 U	0.005 U	0.005 U	0.005 U	NA
1,2-Dichloroethane	0.1	0.005 U	0.005 U	0.005 U	0.005 U	NA
1,1-Dichloroethene	0.3	0.005 U	0.005 U	0.005 U	0.005 U	NA
cis-1,2-Dichloroethene	1.1	0.444 J	0.005 U	0.005 U	0.104	NA
trans-1,2-Dichloroethene	3.4	0.005 U	0.005 U	0.005 U	0.013	NA
1,2-Dichloropropane	0.15	0.005 U	0.005 U	0.005 U	0.005 U	NA
cis-1,3-Dichloropropene	0.02	0.005 U	0.005 U	0.005 U	0.005 U	NA
trans-1,3-Dichloropropene	0.02	0.005 U	0.005 U	0.005 U	0.005 U	NA
EthylBenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	0.010 U	0.010 U	0.010 U	0.010 U	NA
4-methyl-2-pentanone	--	0.010 U	0.010 U	0.010 U	0.010 U	NA
Methylene Chloride	0.2	0.010 U	0.010 U	0.010 U	0.010 U	NA
Styrene	18	0.005 U	0.005 U	0.005 U	0.005 U	NA
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 U	0.005 U	0.005 U	NA
Tetrachloroethene	0.3	0.005 U	0.005 U	0.005 U	0.005 U	NA
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	0.005 U	0.005 U	0.005 U	0.005 U	NA
1,1,2-Trichloroethane	0.3	0.005 U	0.005 U	0.005 U	0.005 U	NA
Trichloroethene	0.3	0.024	0.005 U	0.005 U	0.080	NA
Vinyl Acetate	170	0.010 U	0.010 U	0.010 U	0.010 U	NA
Vinyl Chloride	0.07	0.030	0.010 U	0.010 U	0.010 U	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	20	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package.
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB39-003 3-5'	RPM-SB40-001 0-1'	RPM-SB40-002 2-3'	RPM-SB40-003 7-9'	RPM-SB41-001 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	800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenz[a,h]anthracene	7.6	0.025U	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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	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	420	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	0.26	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
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	2.54	3.74	5.34	11.50	7.56
Barium	1,800	59.90	54.10	52.60	54.10	73.30
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium**	28	20.40	17.50	22.00	20.40	19.50
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	14.10	24.60	15.00	15.10	15.30
Mercury	32	0.040 U	0.101	0.040 U	0.040 U	0.047
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
		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	0.003 J	0.002 U	0.002 U
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	1.2	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 UJ	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 UJ	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	0.00 5U	0.005 U	0.005 UJ	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	20	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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 UJ
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.039	0.025 UJ
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025U	0.025 UJ
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.087	0.025 UJ
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.046	0.025 UJ
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.046	0.025 UJ
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.033	0.025 UJ
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.071	0.025 UJ
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface
(10) WT ~ NE - Water table not encountered
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB42-001 2-3'	RPM-SB42-002 3-5'	RPM-SB43-001 5-7'	RPM-SB44-001 2-3'	RPM-SB44-002 5-7'
		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	800	0.025 U	0.025 U	0.025 U	0.153	0.025 UJ
Dibenz[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ
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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.030	0.025 U	0.025 U	0.114	0.025 UJ
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ
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	0.030	0.025 UJ
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.26	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	0.098	0.025 UJ
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.157	0.025 UJ
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	4.80	2.65	10.20	7.17	4.13
Barium	1,800	62.90	45.20	45.60	89.30	55.20
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.659	0.500 U
Chromium**	28	20.90	19.60	23.00	21.20	22.00
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	NR	27.30	17.40	NR	14.70
Mercury	32	0.044	0.040 U	0.040 U	0.071	0.040 U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.012	NA	NA	0.006	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB45-001 3-5' WT ~ NE	RPM-SB46-001 1-2' WT ~ NE	RPM-SB46-002 4-6' WT ~ NE	RPM-SB47-001 5-7' WT ~ 7'	RPM-SB60-001 3-5' WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002	0.002 U	0.003	0.002 U	0.004
Bromodichloromethane	0.6	NA	NA	NA	NA	NA
Bromoform	0.8	NA	NA	NA	NA	NA
Bromomethane	1.2	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	0.005U
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	20	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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	0.037
Acenaphthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.048
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.093
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.025 U	0.044
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
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB45-001 3-5'	RPM-SB46-001 1-2'	RPM-SB46-002 4-6'	RPM-SB47-001 5-7'	RPM-SB60-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'	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	800	0.025 U	0.025 U	0.025 U	0.025 U	0.050
Dibenz[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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	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	0.067
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.152
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	420	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	0.26	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	0.277
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.025 U	0.111
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	9.31	3.87	2.49	3.35	7.950
Barium	1,800	40.80	60.70	55.90	25.20	47.700
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium**	28	19.70	28.20	19.60	10.20	21.700
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	15.40	15.20	15.60	9.53	18.100
Mercury	32	0.040 U	0.040 U	0.400 U	0.400 U	0.040 U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB78-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	0.08	0.025 U	0.025 U	0.025 U
Benzene	0.17	0.002 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	0.6	NA	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	0.8	NA	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane	1.2	NA	0.010 U	0.010 U	0.01 0U	0.010 U
2-Butanone	--	NA	0.024	0.010 U	0.010 U	0.010 U
Carbon Disulfide	160	NA	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.33	NA	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	6.5	NA	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	0.4	NA	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	--	NA	0.010 U	0.010 U	0.010 U	0.010 U
Chloroform	2.9	NA	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	--	NA	0.010 U	0.010 U	0.010 U	0.010 U
1,1-Dichloroethane	110	NA	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.1	NA	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.3	NA	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	1.1	NA	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	3.4	NA	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.15	NA	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,3-Dichloropropene	0.02	NA	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	0.02	NA	0.005 U	0.005 U	0.005 U	0.005 U
EthylBenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	0.010 U	0.010 U	0.010 U	0.010 U
4-methyl-2-pentanone	--	NA	0.010 U	0.010 U	0.010 U	0.010 U
Methylene Chloride	0.2	NA	0.010 U	0.010 U	0.010 U	0.010 U
Styrene	18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.3	NA	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	NA	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.3	NA	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.3	NA	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	170	NA	0.010 U	0.010 U	0.010 U	0.010 U
Vinyl Chloride	0.07	NA	0.010 U	0.010 U	0.010 U	0.010 U
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	20	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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	0.059
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	0.097
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.030	0.080
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.025 U	0.072
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.066
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.025 U	0.093
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package.
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB60-002 7-9'	RPM-SB76-001 3-5'	RPM-SB76-002 6-8'	RPM-SB77-001 3-4'	RPM-SB78-001 3-5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 8'	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	800	0.025 U	0.025 U	0.025 U	0.030	0.110
Dibenz[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	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	0.046	0.087
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
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	0.056
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	0.26	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	0.032
Pyrene	21,000	0.025 U	0.025 U	0.025 U	0.044	0.117
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	5.23	6.69	3.46	5.45	2.47
Barium	1,800	48.70	74.70	54.80	16.30	61.00
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.500U
Chromium**	28	21.30	19.70	21.30	6.54	20.40
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	13.10	30.40	12.00	237.00	19.00
Mercury	32	0.040 U	0.040 U	0.040 U	0.53	0.040U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.00 U	1.00 U	1.00 U	1.00U
Silver**	39	0.500 U	0.500 U	0.500 U	0.500 U	0.500U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25 U	0.30	0.25 U	0.25 U	0.25U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'	RPM-SB81-001 3-4'	RPM-SB83-001 3-4'
		WT ~ NE	WT ~ 4'	WT ~ 5'	WT ~ 4'	WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	16	0.025 U	0.025 U	0.025 U	0.13	0.025 U
Benzene	0.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	0.6	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	0.8	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane	1.2	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	0.020	0.010 U
Carbon Disulfide	160	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.33	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	6.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	0.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Chloroform	2.9	0.005U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
1,1-Dichloroethane	110	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.3	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	1.1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	3.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,3-Dichloropropene	0.02	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	0.02	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
EthylBenzene	19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
4-methyl-2-pentanone	--	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Methylene Chloride	0.2	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Styrene	18	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
Tetrachloroethene	0.3	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	9.6	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.3	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.3	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	170	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Vinyl Chloride	0.07	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
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	20	NA	NA	NA	NA	NA
2.4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	3.3	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	2.4	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	0.071	0.036	0.075	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	0.077	0.114	0.242	0.025 U
Benzo[a]anthracene	8	0.025 U	0.134	0.299	0.867	0.029
Benzo[b]fluoranthene	25	0.025 U	0.077	0.155	0.616	0.027
Benzo[k]fluoranthene	250	0.025 U	0.108	0.208	0.437	0.031
Benzo[g,h,i]perylene	--	0.025 U	0.099	0.169	0.305	0.025 U
Benzo[a]pyrene	82	0.025 U	0.115	0.275	0.646	0.028
Butylbenzylphalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.66	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phyhalate	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) Blanks to be Completed upon review of data package
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB78-002 6-8'	RPM-SB79-001 2-4'	RPM-SB80-001 2-4'	RPM-SB81-001 3-4'	RPM-SB83-001 3-4'
		WT ~ NE	WT ~ 4'	WT ~ 5'	WT ~ 4'	WT ~ 9'
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	800	0.029	0.149	0.308	0.895	0.035
Dibenz[a,h]anthracene	7.6	0.025U	0.045	0.089	0.163	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	1.3	NA	NA	NA	NA	NA
2,4-Dichlorophenol	1.000	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphtalate	--	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.013	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.0067	NA	NA	NA	NA	NA
Di-n-octylphthalate	10,000	NA	NA	NA	NA	NA
Fluoranthene	21,000	0.052	0.271	0.750	1.890	0.054
Fluorene	2,800	0.025U	0.036	0.039	0.087	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	0.025U	0.088	0.166	0.333	0.025 U
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025U	0.025U	0.025U	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	0.26	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	--	0.026	0.124	0.360	0.685	0.025 U
Pyrene	21,000	0.043	0.230	0.569	1.770	0.047
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	12.80	6.19	4.34	9.92	3.89
Barium	1,800	47.10	19.70	28.80	31.40	68.60
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500U	0.500U	0.500U	0.500 U	0.500 U
Chromium**	28	21.90	26.00	9.25	11.80	21.20
Copper	330,000	NA	NA	NA	NA	NA
Lead*	36	17.70	26.40	47.20	21.40	86.50
Mercury	32	0.040U	0.040U	0.228	0.473	0.435
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00U	1.00U	1.00U	1.00 U	1.00 U
Silver**	39	0.500U	0.500U	0.500U	0.500 U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.25U	0.25U	0.54	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	NA
SPLP Chromium	1.0	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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB83-002 6-8' WT ~ 9'	B-6 6-8' WT ~ 6'	B-8 2-4' WT ~ NE	B-9 4-5'	B-10 6-8' WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.1 J
Benzene	0.17	0.005 U	0.015 J	0.005 U	0.005 U	0.010 J
Bromodichloromethane	0.6	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Bromoform	0.8	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Bromomethane	1.2	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
2-Butanone	--	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Carbon Disulfide	160	0.005 U	0.005 UJ	0.005 U	0.005 U	0.006 J
Carbon Tetrachloride	0.33	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chlorobenzene	6.5	0.005 U	0.005	0.005 U	0.005 U	0.005 UJ
Chlorodibromomethane	0.4	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chloroethane	--	0.005 U	0.01 UJ	0.01 U	0.01 U	0.061 J
Chloroform	2.9	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Chloromethane	--	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
1,1-Dichloroethane	110	0.005 U	0.005 UJ	0.005 U	0.005 U	0.064 J
1,2-Dichloroethane	0.1	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,1-Dichloroethene	0.3	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
cis-1,2-Dichloroethene	1.1	0.902	0.005 UJ	0.005 U	0.005 U	0.005 UJ
trans-1,2-Dichloroethene	3.4	0.055	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,2-Dichloropropane	0.15	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
cis-1,3-Dichloropropene	0.02	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
trans-1,3-Dichloropropene	0.02	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
EthylBenzene	19	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
2-hexanone	--	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
4-methyl-2-pentanone	--	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Methylene Chloride	0.2	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Styrene	18	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Tetrachloroethene	0.3	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Toluene	29	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 J
1,1,1-Trichloroethane	9.6	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
1,1,2-Trichloroethane	0.3	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
Trichloroethene	0.3	3.090	0.005 UJ	0.005 UJ	0.005 U	0.005 UJ
Vinyl Acetate	170	0.010 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Vinyl Chloride	0.07	0.010	0.01 UJ	0.01 U	0.01 U	0.01 UJ
Xylenes (total)	150	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2-Chlorophenol	20	NA	0.330 UJ	0.330 UJ	0.330 U	0.330 UJ
2.4-Dimethylphenol	9	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2,4-Dinitrophenol	3.3	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
4,6-Dinitro-2-Methylphenol	--	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 UJ
2-Methylphenol	15	NA	0.330 UJ	0.330 UJ	0.330 U	0.330 UJ
3&4-Methylphenol	--	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2-Nitrophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
4-Nitrophenol	--	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
Pentachlorophenol	2.4	NA	1.600 UJ	1.600 U	1.600 U	1.600 UJ
Phenol	100	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
2,4,5-Trichlorophenol	1,400	NA	0.660 UJ	0.660 U	0.660 U	0.660 UJ
2,4,6-Trichlorophenol	0.77	NA	0.330 UJ	0.330 U	0.330 U	0.330 UJ
Acenaphthene	2,900	0.025 U	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Acenaphthylene	--	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Anthracene	59,000	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[a]anthracene	8	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[b]fluoranthene	25	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[k]fluoranthene	250	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[g,h,i]perylene	--	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Benzo[a]pyrene	82	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Butylbenzylphalate	930	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethoxy)methane	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
bis(2-chloroethyl) ether	0.66	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Bis(2-chloroisopropyl) ether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Bis(2-ethylhexyl)phyhalate	31,000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-bromaphenylphenylether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
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) Blanks to be Completed upon review of data package.
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB83-002 6-8' WT ~ 9'	B-6 6-8' WT ~ 6'	B-8 2-4' WT ~ NE	B-9 4-5'	B-10 6-8' WT ~ NE
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-Chlorophenyl-phenylether	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
4-Chloroaniline	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Chrysene	800	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dibenz[a,h]anthracene	7.6	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dibenzofuran	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Di-n-butylphthalate	2,300	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,2-Dichlorobenzene	43	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,3-Dichlorobenzene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,4-Dichlorobenzene	11	NA	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	1.3	NA	0.66 UJ	0.66 U	0.66 U	0.66 UJ
2,4-Dichlorophenol	1.000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Diethylphthalate	470	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Dimethylphtalate	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2,4-Dinitrotoluene	0.013	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2,6-Dinitrotoluene	0.0067	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Di-n-octylphthalate	10,000	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Fluoranthene	21,000	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Fluorene	2,800	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorobenzene	11	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorobutadiene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Hexachlorocyclopentadiene	2,200	NA	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ
Hexachloroethane	2.6	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Isophorone	8	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2-Methylnaphthalene	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Naphthalene	420	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
2-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
3-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
4-Nitroaniline	--	NA	1.60 UJ	1.60 U	1.60 U	1.60 UJ
Nitrobenzene	0.26	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
N-nitrosodi-n-propylamine	0.66	NA	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ
N-nitrosodimethylamine	--	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
N-nitrosodiphenylamine	5.6	NA	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Phenanthrene	--	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
Pyrene	21,000	0.025 U	0.33 UJ	0.33 U	0.33 U	0.33 UJ
1,2,4-Trichlorobenzene	53	NA	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	1.9 U	2 U	2.2 U	2 U
Arsenic	120	8.83	8.2	8.3	5.8	6.6
Barium	1,800	45.90	27.2	49.6	34.4	43.7
Beryllium	130,000	NA	0.49	0.66	0.65	0.65
Cadmium	590	0.500 U	0.37	0.2 U	0.22 U	0.40
Chromium**	28	21.20	14.2	NR	NR	NR
Copper	330,000	NA	34.4	22	33.1	24.9
Lead*	36	15.10	13.3	NR	NR	NR
Mercury	32	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Nickel	14,000	NA	27.2	26.7	29.6	30.9
Selenium	2.4	1.00 U	0.47 U	0.51	0.54 U	0.5 U
Silver**	39	0.500 U	0.47 U	0.51 U	0.54 U	0.5 U
Thallium	34	NA	0.94 U	1 U	1.1 U	1 U
Zinc	32,000	NA	43.2	41.7	42.5	38.3
Total Cyanide	120	0.25 U	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	0.0075 U	0.0075 U	0.0075 U	0.0075 U
SPLP Chromium	1.0	NA	0.05 U	0.05 U	0.05 U	0.05 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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-11 4-5' WT ~ NE	B-17 7-8' WT ~ NE	B-17 DUP 7-8' WT ~ NE	B-19 2-4' WT ~ 6'	SS-07 0-2'
TCL VOCs (mg/kg)						
Acetone	16	0.025 U	0.025 UJ	0.025 UJ	1.2 UJ	0.025 UJ
Benzene	0.17	0.005 U	3.51 J	3.08 J	3.56	0.005 U
Bromodichloromethane	0.6	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Bromoform	0.8	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Bromomethane	1.2	0.01 U	0.01 UJ	0.01 UJ	0.2 U	0.01 U
2-Butanone	--	0.01 U	0.01 UJ	0.01 UJ	0.922	0.01 U
Carbon Disulfide	160	0.005 U	0.046 J	0.049 J	0.25 U	0.005 U
Carbon Tetrachloride	0.33	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Chlorobenzene	6.5	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Dibromochloromethane	0.4	0.005 U	0.005 UJ	0.005 UJ	0.2	0.005 U
Chloroethane	--	0.01 U	0.01 UJ	0.01 UJ	0.25	0.01 U
Chloroform	2.9	0.005 U	0.005 UJ	0.005 UJ	0.3 U	0.005 U
Chloromethane	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
1,1-Dichloroethane	110	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,2-Dichloroethane	0.1	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,1-Dichloroethene	0.3	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
cis-1,2-dichloroethene	1.1	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
trans-1,2-dichloroethene	3.4	0.005 U	0.005 UJ	0.005 UJ	0.25 U	0.005 U
1,2 Dichloropropane	0.15	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
cis-1,3-dichloropropene	0.02	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
trans-1,3-dichloropropene	0.02	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Ethylbenzene	19	0.005 U	3.55 J	3.09 J	2.99	0.005 U
2-hexanone	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
4-methyl-2-pentanone	--	0.01 U	0.01 UJ	0.01 UJ	0.15 U	0.01 U
Methylene Chloride	0.2	0.01 U	0.01 UJ	0.01 UJ	0.25 U	0.01 U
Styrene	18	0.005 U	0.005 UJ	0.005 UJ	0.702	0.005 U
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Tetrachloroethene	0.3	0.005 U	0.005 UJ	0.005 UJ	0.15 U	0.005 U
Toluene	29	0.005 U	0.106 J	0.145 J	3.89	0.005 U
1,1,1-Trichloroethane	9.6	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
1,1,2-Trichloroethene	0.3	0.005 U	0.005 UJ	0.005 UJ	0.2 U	0.005 U
Trichloroethene	0.3	0.005 U	0.007 J	0.007 J	0.2 U	0.005 U
Vinyl Acetate	170	0.01 U	0.01 UJ	0.01 UJ	0.35 U	0.01 U
Vinyl Chloride	0.07	0.01 U	0.01 UJ	0.01 UJ	0.2 U	0.01 U
Xylenes	150	0.005 U	6.2 J	5.24 J	7.13	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 UJ	0.330 U	0.330 U	0.330 U
2-Chlorophenol	20	0.330 U	0.330 UJ	0.330 U	0.330 UJ	0.330 UJ
2,4-Dimethylphenol	9	0.330 U	0.330 UJ	0.330 U	0.330 U	0.330 U
2,4-Dinitrophenol	3.3	1.600 U	1.600 U	1.600 U	1.600 U	0.330 U
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
2-Methylphenol	15	0.330 U	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
3&4-Methylphenol	--	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
2-Nitrophenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
4-Nitrophenol	--	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
Pentachlorophenol	2.4	1.600 U	1.600 UJ	1.600 UJ	1.600 U	1.600 U
Phenol	100	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
2,4,5-Trichlorophenol	1,400	0.660 U	0.660 UJ	0.660 UJ	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.77	0.330 U	0.330 UJ	0.330 UJ	0.330 U	0.330 U
Acenaphthene	2,900	0.33 UJ	13.5 J	18.1 J	7.46 J	1.19 J
Acenaphthylene	--	0.33 U	0.33 UJ	0.33 U	8.32	0.33 U
Anthracene	59,000	0.33 U	16.6 J	16.1 J	7.43	7.99
Benzo(a)anthracene	8	0.33 U	8.2 J	11	8.91	19.3
Benzo(b)fluoranthene	25	0.33 U	1.31 J	2.06	9.3	6.21
Benzo(k)fluoranthene	250	0.33 U	1.22 J	1.18	7.22	4.71
Benzo(g,h,I)perylene	--	0.33 U	3 J	5.48	1.22	4.6
Benzo(a)pyrene	82	0.33 U	2.09 J	2.94	1.08	4.47
Butylbenzylphthalate	930	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
bis(2-chloroethoxy)methane	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
bis(2-chloroethyl) ether	0.66	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Bis(2-chloroisopropyl)ether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	31,000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-bromophenylphenylether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
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) Blanks to be Completed upon review of data package.
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-11 4-5' WT ~ NE	B-17 7-8' WT ~ NE	B-17 DUP 7-8' WT ~ NE	B-19 2-4' WT ~ 6'	SS-07 0-2'
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-Chlorophenyl-phenylether	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
4-Chloroaniline	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Chrysene	800	0.33 U	9.87 J	12.70	9.85	18.90
Dibenzo(a,h)anthracene	7.6	0.33 U	1.12 J	2.58	0.33 U	0.74
Dibenzofuran	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.405
Di-n-butylphthalate	2,300	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	43	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,3-Dichlorobenzene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	11	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	1.3	0.66 U	0.66 UJ	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	1.000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Diethylphthalate	470	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Dimethylphthalate	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2,4-Dinitrotoluene***	0.013	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2,6-Dinitrotoluene***	0.0067	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	10,000	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Fluoranthene	21,000	0.33 U	15.30 J	18.70	18.00	53.60
Fluorene	2,800	0.33 U	22.50 J	31.40	29.80	1.99
Hexachlorobenzene	11	0.33 U	0.33 UJ	0.33 U	0.33 U	0.30 U
Hexachlorobutadiene	--	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	2,200	0.33 U	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
Hexachloroethane	2.6	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Indeno(1,2,3-cd)pyrene	69	0.33 U	1.84 J	3.83	0.90	3.74
Isophorone	8	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	--	0.33 U	23.90 J	32.70	17.70	0.33 U
Naphthalene	420	0.33 U	31.90 J	44.90	30.90	0.33 U
2-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
3-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
4-Nitroaniline	--	1.60 U	1.60 UJ	1.60 U	1.60 U	1.60 U
Nitrobenzene***	0.26	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.66	0.33 U	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
N-Nitrosodimethylamine	--	0.33 UJ	0.33 UJ	0.33 U	0.33 U	0.33 U
N-nitrosodiphenylamine	5.6	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U
Phenanthrene	--	0.33 U	59.00 J	74.80	70.60	22.10
Pyrene	21,000	0.33 U	21.60 J	25.20	25.00	41.30
1,2,4-Trichlorobenzene	53	0.33 UJ	0.33 UJ	0.33 U	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	20	2.1 U	2.4 U	2.3 U	1.9 U	2 U
Arsenic	120	2.6	5.7	6	6.3	4.5
Barium	1,800	34.5	67.5	56	54.5	48.3
Beryllium	130,000	0.58	0.66	0.62	0.66	0.55
Cadmium	590	0.21 U	0.53	0.89	0.85	0.54
Chromium**	28	NR	NR	NR	NR	NR
Copper	330,000	29.6	26.6	29.6	25	21.4
Lead*	36	NR	NR	NR	NR	NR
Mercury	32	0.04 U	0.06	0.06	0.09	0.17
Nickel	14,000	27.8	23.7	26.8	26.1	18.4
Selenium	2.4	0.53 U	0.6 U	0.57 U	0.57	0.72
Silver**	39	0.53 U	0.6 U	0.57 U	0.49 U	0.5 U
Thallium	34	1.1 U	1.2 U	1.1 U	0.97	1 U
Zinc	32,000	45.5	268	397	252	100
Total Cyanide	120	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.0075 U	0.0075 U	0.0094	0.0075 U	0.023
SPLP Chromium	1.0	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-08 0-2'	SS-09 0-2'	SS-11 0-2'		
TCL VOCs (mg/kg)						
Acetone	16	0.137 UJ	0.106 UJ	0.025 UJ		
Benzene	0.17	0.005 U	.005 U	0.014		
Bromodichloromethane	0.6	0.005 U	0.005 U	0.005 U		
Bromoform	0.8	0.005 U	0.005 U	0.005 U		
Bromomethane	1.2	0.01 U	0.01 U	0.01 U		
2-Butanone	--	0.051	0.032	0.01 U		
Carbon Disulfide	160	0.005 U	0.005 U	0.005		
Carbon Tetrachloride	0.33	0.005 U	0.005 U	0.005 U		
Chlorobenzene	6.5	0.005 U	0.005 U	0.005 U		
Dibromochloromethane	0.4	0.005 U	0.005 U	0.005 U		
Chloroethane	--	0.01 U	0.01 U	0.01 U		
Chloroform	2.9	0.005 U	0.005 U	0.005 U		
Chloromethane	--	0.01 U	0.01 U	0.01 U		
1,1-Dichloroethane	110	0.005 U	0.005 U	0.005 U		
1,2-Dichloroethane***	0.1	0.005 U	0.005 U	0.005 U		
1,1-Dichloroethene	0.3	0.005 U	0.005 U	0.005 U		
cis-1,2-dichloroethene	1.1	0.005 U	0.005 U	0.005 U		
trans-1,2-dichloroethene	3.4	0.005 U	0.005 U	0.005 U		
1,2 Dichloropropane	0.15	0.005 U	0.005 U	0.005 U		
cis-1,3-dichloropropene***	0.02	0.005 U	0.005 U	0.005 U		
trans-1,3-dichloropropene***	0.02	0.005 U	0.005 U	0.005 U		
Ethylbenzene	19	0.005 U	0.005 U	0.005 U		
2-hexanone	--	0.01 U	0.01 U	0.01 U		
4-methyl-2-pentanone	--	0.01 U	0.01 U	0.01 U		
Methylene Chloride***	0.2	0.01 U	0.01 U	0.01 U		
Styrene	18	0.005 U	0.005 U	0.005 U		
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 U	0.005 U		
Tetrachloroethene	0.3	0.005 U	0.005 U	0.005 UJ		
Toluene	29	0.005 U	0.005 U	0.005 U		
1,1,1-Trichloroethane	9.6	0.005 U	0.005 U	0.005 U		
1,1,2-Trichloroethene	0.3	0.005 U	0.005 U	0.005 U		
Trichloroethene	0.3	0.005 U	0.005 U	0.007 J		
Vinyl Acetate	170	0.01 U	0.01 U	0.01 U		
Vinyl Chloride***	0.07	0.01 U	0.01 U	0.01 U		
Xylenes	150	0.005 U	0.005 U	0.005 U		
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 U	0.330 U		
2-Chlorophenol	20	0.330 UJ	0.330 UJ	0.330 UJ		
2,4-Dimethylphenol	9	0.330 U	0.330 U	0.330 U		
2,4-Dinitrophenol	3.3	1.600 U	1.600 U	1.600 U		
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.600 U	1.600 U		
2-Methylphenol	15	0.330 UJ	0.330 UJ	0.330 UJ		
3&4-Methylphenol	--	0.330 U	0.330 U	0.330 U		
2-Nitrophenol	--	1.600 U	1.600 U	1.600 U		
4-Nitrophenol	--	1.600 U	1.600 U	1.600 U		
Pentachlorophenol	2.4	1.600 U	1.600 U	1.600 U		
Phenol	100	0.330 U	0.330 U	0.330 U		
2,4,5-Trichlorophenol	1,400	0.660 U	0.660 U	0.660 U		
2,4,6-Trichlorophenol	0.77	0.330 U	0.330 U	0.330 U		
Acenaphthene	2,900	0.33 UJ	0.33 UJ	0.33 UJ		
Acenaphthylene	--	0.33 U	0.33 U	0.434		
Anthracene	59,000	0.33 U	0.33 U	0.33 U		
Benzo(a)anthracene	8	0.33 U	0.33 U	0.33 U		
Benzo(b)fluoranthene	25	0.33 U	0.33 U	0.33 U		
Benzo(k)fluoranthene	250	0.33 U	0.33 U	0.33 U		
Benzo(g,h,I)perylene	--	0.33 U	0.33 U	0.33 U		
Benzo(a)pyrene	82	0.33 U	0.33 U	0.33 U		
Butylbenzylphthalate	930	0.33 U	0.33 U	0.33 U		
bis(2-chloroethoxy)methane	--	0.33 U	0.33 U	0.33 U		
bis(2-chloroethyl) ether	0.66	0.33 U	0.33 U	0.33 U		
Bis(2-chloroisopropyl)ether	--	0.33 U	0.33 U	0.33 U		
Bis(2-ethylhexyl)phthalate	31,000	0.33 U	0.33 U	0.33 U		
4-bromophenylphenylether	--	0.33 U	0.33 U	0.33 U		
Carbazole	2.8	0.33 U	0.33 U	0.33 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) Blanks to be Completed upon review of data package.
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
(7) NR - Not Relevant
(8) WT ~ NE - Water table not encountered.
(9) WT ~ n' - Water table approximately n feet below ground surface.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-08 0-2'	SS-09 0-2'	SS-11 0-2'		
TCL SVOCs - Continued (mg/kg)						
2-Chloronaphthalene	--	0.33 U	0.33 U	0.33 U		
4-Chlorophenyl-phenylether	--	0.33 U	0.33 U	0.33 U		
4-Chloroaniline	--	0.33 U	0.33 U	0.33 U		
Chrysene	800	0.33 U	0.33 U	0.33 U		
Dibenzo(a,h)anthracene	7.6	0.33 U	0.33 U	0.33 U		
Dibenzofuran	--	0.33 U	0.33 U	0.33 U		
Di-n-butylphthalate	2,300	0.33 U	0.33 U	0.33 U		
1,2-Dichlorobenzene	43	0.33 U	0.33 U	0.33 U		
1,3-Dichlorobenzene	--	0.33 U	0.33 U	0.33 U		
1,4-Dichlorobenzene	11	0.33 UJ	0.33 UJ	0.33 UJ		
3,3-Dichlorobenzidine	1.3	0.66 U	0.66 U	0.66 U		
2,4-Dichlorophenol	1.000	0.33 U	0.33 U	0.33 U		
Diethylphthalate	470	0.33 U	0.33 U	0.33 U		
Dimethylphthalate	--	0.33 U	0.33 U	0.33 U		
2,4-Dinitrotoluene***	0.013	0.33 U	0.33 U	0.33 U		
2,6-Dinitrotoluene***	0.0067	0.33 U	0.33 U	0.33 U		
Di-n-octylphthalate	10,000	0.33 U	0.33 U	0.33 U		
Fluoranthene	21,000	0.33 U	0.33 U	0.33 U		
Fluorene	2,800	0.33 U	0.33 U	0.33 U		
Hexachlorobenzene	11	0.33 U	0.33 U	0.33 U		
Hexachlorobutadiene	--	0.33 U	0.33 U	0.33 U		
Hexachlorocyclopentadiene	2,200	0.33 UJ	0.33 UJ	0.33 UJ		
Hexachloroethane	2.6	0.33 U	0.33 U	0.33 U		
Indeno(1,2,3-cd)pyrene	69	0.33 U	0.33 U	0.33 U		
Isophorone	8	0.33 U	0.33 U	0.33 U		
2-Methylnaphthalene	--	0.33 U	0.33 U	0.33 U		
Naphthalene	420	0.33 U	0.33 U	0.33 U		
2-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
3-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
4-Nitroaniline	--	1.60 U	1.60 U	1.60 U		
Nitrobenzene***	0.26	0.33 U	0.33 U	0.33 U		
N-nitrosodi-n-propylamine	0.66	0.33 UJ	0.33 UJ	0.33 UJ		
N-Nitrosodimethylamine	--	0.33 U	0.33 U	0.33 U		
N-nitrosodiphenylamine	5.6	0.33 U	0.33 U	0.33 U		
Phenanthrene	--	0.33 U	0.33 U	0.33 U		
Pyrene	21,000	0.33 UJ	0.33 U	0.33 U		
1,2,4-Trichlorobenzene	53	0.66 U	0.33 UJ	0.33 UJ		
Priority Pollutant Metals (mg/kg)						
Antimony	20	2 U	2 U	2.1 U		
Arsenic	120	6.1	5.9	5.4		
Barium	1,800	90.6	107	66.1		
Beryllium	130,000	0.91	1	1.2		
Cadmium	590	0.57	0.26	0.41		
Chromium**	28	NR	NR	NR		
Copper	330,000	31.6	21.5	29.3		
Lead*	36	NR	NR	NR		
Mercury	32	0.11	0.12	0.05		
Nickel	14,000	24.2	36.8	29.8		
Selenium	2.4	0.66	0.5 U	0.81		
Silver**	39	0.51 U	0.5 U	0.52 U		
Thallium	34	1 U	0.99 U	1 U		
Zinc	32,000	77.3	44.4	85.8		
Total Cyanide	120	NA	NA	NA		
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.025	0.011	0.039		
SPLP Chromium	1.0	0.05 U	0.05 U	0.05 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) NR - Not Relevant
(7) * Metropolitan Statistical Area Background
(8) ** Tier 1, Class 1 Soil Component of the Groundwater Ingestion Route Table used.
(9) *** Constituent not detected, however reported detection limit is greater than Tier 1 screening level.
(10) WT ~ NE - Water table not encountered.
(11) WT ~ n' - Water table approximately n feet below ground surface.

Table 12
Tier 1 Screening: Groundwater Ingestion Exposure Route (Class II)
Rogers Park Main Parcel

Compound/Analyte	Tier I Screening Level	Sample Location and Date Sampled/Concentration				
		RPM-MW001 6/22/2001	RPM-MW002 6/22/2001	RPM-MW003 6/22/2001	RPM-MW004 6/22/2001	RPM-MW005 6/22/2001
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*	0.00002	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform*	0.0002	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane*	0.049	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*	0.0001	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-Dichloroethene	0.035	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-dichloroethene	0.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-dichloroethene	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	0.005 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
Tetrachloroethene	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-Trichloroethene	0.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	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	0.039	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

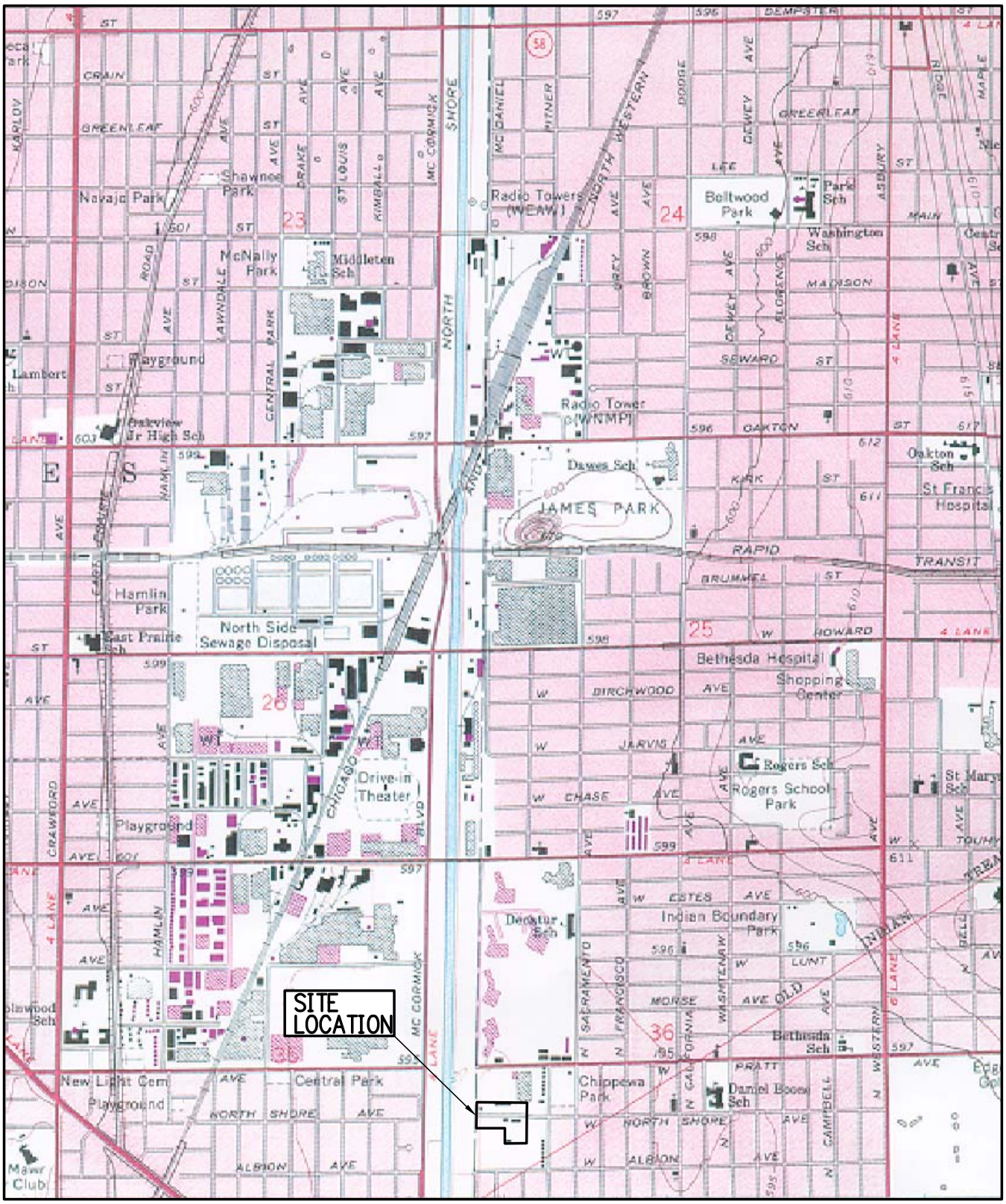
NOTES:

(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 (Illlinois EPA 2001)

(3) * Non-detect value exceeds TACO Tier 1 screening level for compound. Non-detect values are not hightlighted

Figures
Rogers Park Main Parcel



NORTH

24,000 0 24,000

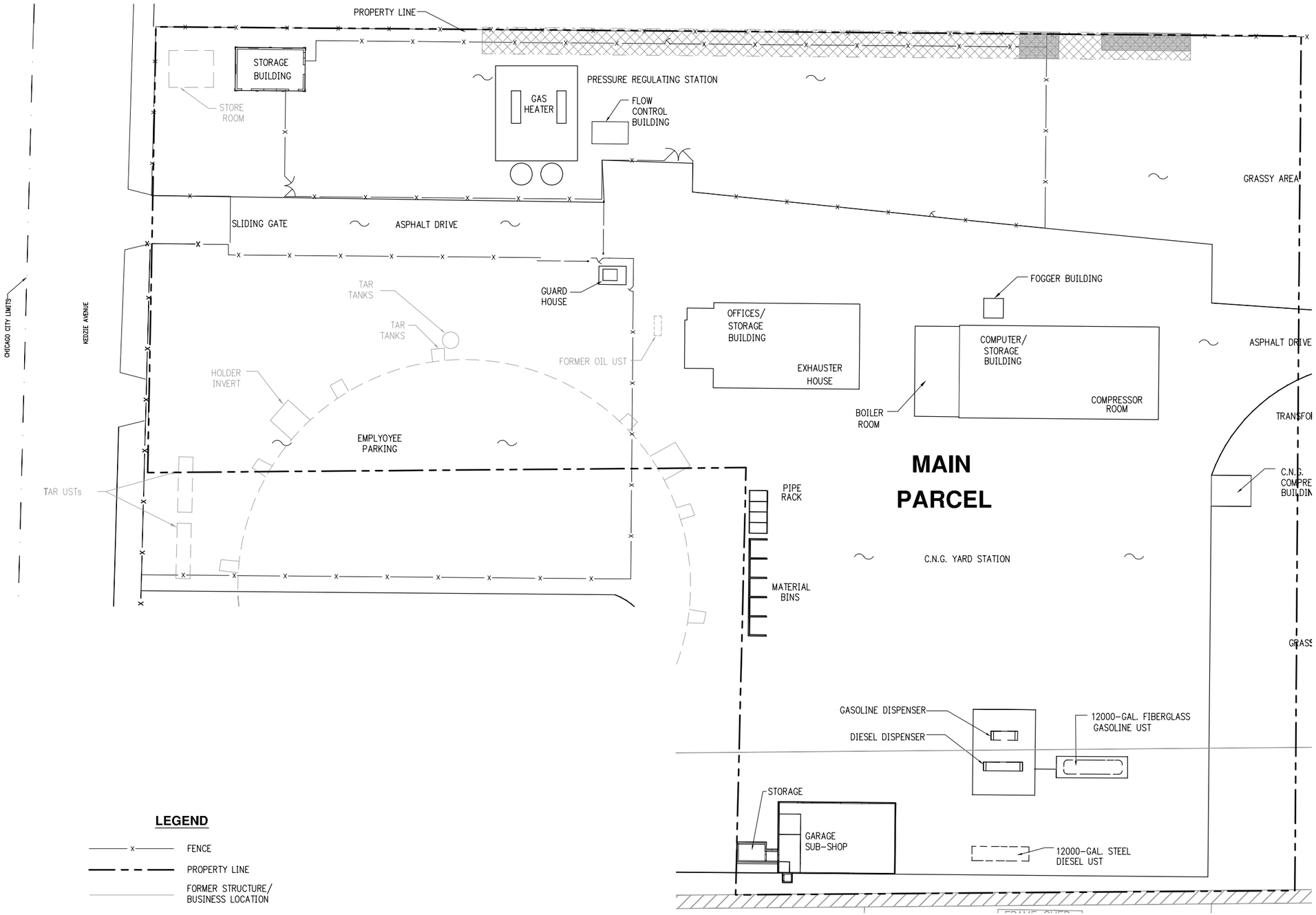
SCALE IN FEET

Burns & McDonnell
SINCE 1898

Figure 1

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

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



LEGEND

——x——	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.

NOTE:

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

Burns & McDonnell SINCE 1898

date 8-21-01	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

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

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drawing	rev.
sheet of sheets	

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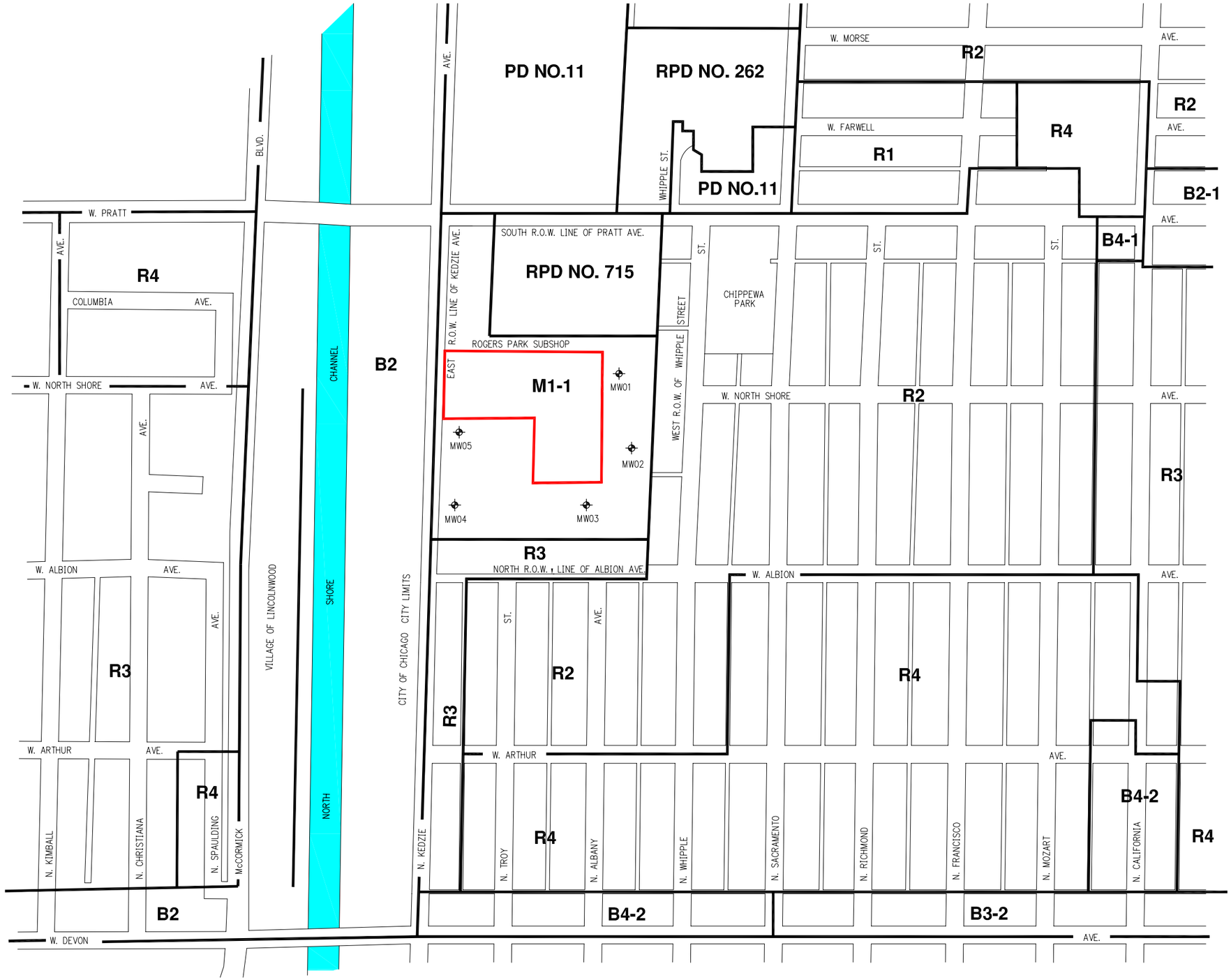

LEGEND

M1-1, R3	ZONING CODES
	ZONING BORDERS
	SITE LOCATION
MW03	MONITORING WELL LOCATION

ZONING DISTRICTS

M1-1	RESTRICTED MANUFACTURING
R1, R2	SINGLE-FAMILY RESIDENCE
R3, R4	GENERAL RESIDENCE
PD	PLANNED RESIDENTIAL
RPD	RESIDENTIAL PLANNED DISTRICT
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 – MAIN PARCEL
6659 N. KEDZIE AVENUE

project 27194 | contract

drawing | rev. –

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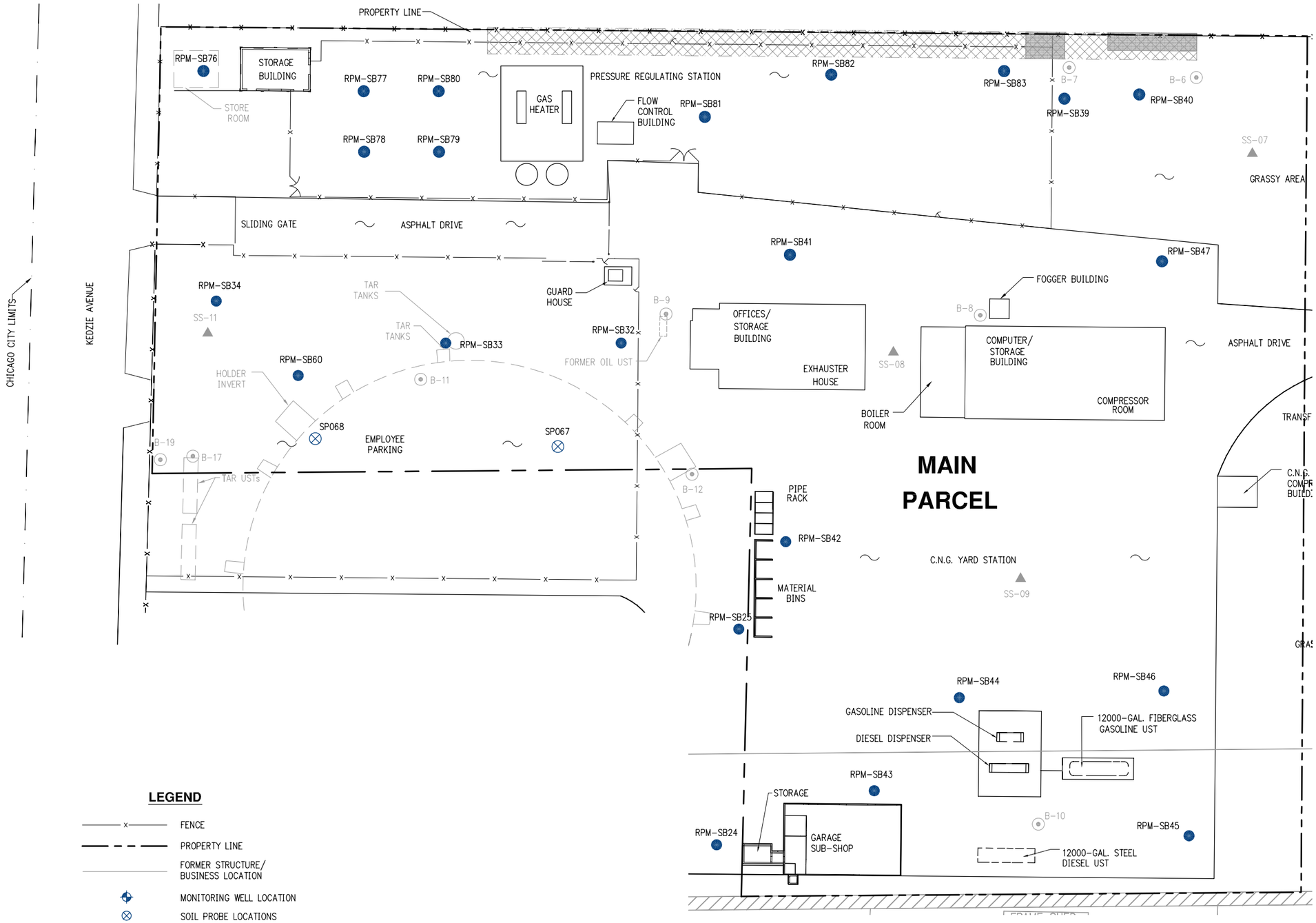

LEGEND

—x—	FENCE
— — —	PROPERTY LINE
	FORMER STRUCTURE/ BUSINESS LOCATION
⊕	MONITORING WELL LOCATION
⊗	SOIL PROBE LOCATIONS
●	SOIL BORING LOCATIONS
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

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, SCALE 1"=40', 1999.
3. PEOPLES GAS, PLAT OF SURVEY FOR, SOUTHERN PARCEL OF NORTH SHORE STATION, SCALE 1"=40', JULY 1956.
4. WESTON FIELD OBSERVATIONS.

NOTE:

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

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date 8-21-01	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

FIGURE 4
SAMPLE LOCATION MAP
ROGERS PARK – MAIN PARCEL
6659 N. KEDZIE AVENUE

project 27194	contract
drawing	rev. —
sheet	of sheets

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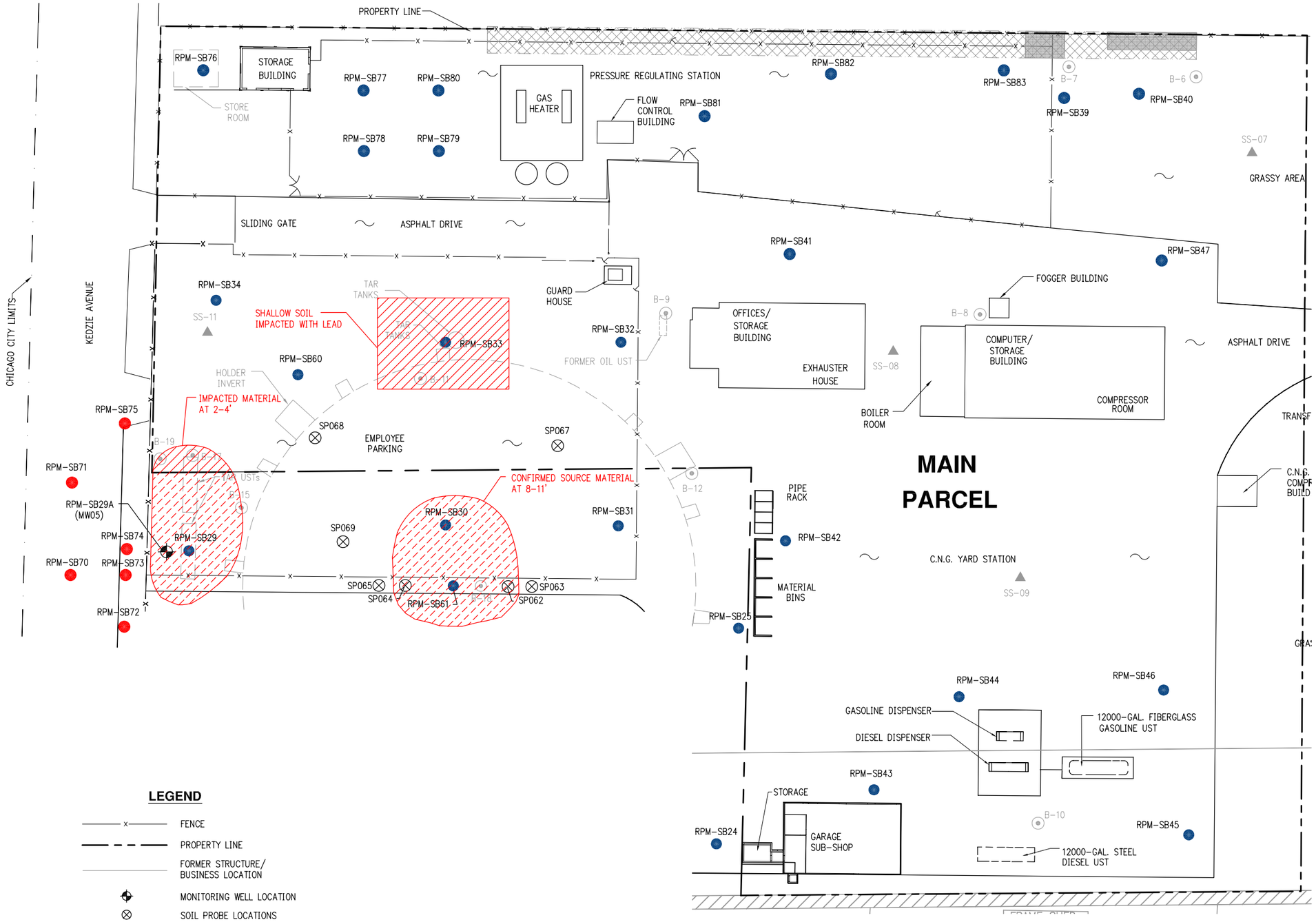

NORTH

30 0 30 60

SCALE IN FEET

LEGEND

x	FENCE
	PROPERTY LINE
	FORMER STRUCTURE/ BUSINESS LOCATION
	MONITORING WELL LOCATION
	SOIL PROBE LOCATIONS
	SOIL BORING LOCATIONS
	OFFSITE SOIL BORING LOCATIONS
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
	SOURCE IMPACT
	POSSIBLE SOURCE OFF SITE

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

date 8-21-01	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

FIGURE 6
SIGNIFICANT FINDINGS MAP
ROGERS PARK – MAIN PARCEL
6659 N. KEDZIE AVENUE

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drawing	rev.
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Appendix A
Hanson Engineers Report

Rogers Park Main Parcel
Site Investigation Report for the Main Parcel

Prepared October 2001

PRELIMINARY SITE INVESTIGATION
NORTH SHORE AVENUE STATION
GAS STORAGE FACILITY
CHICAGO, ILLINOIS

PREPARED FOR

THE PEOPLES GAS
LIGHT & COKE COMPANY
CHICAGO, ILLINOIS

PREPARED BY

HANSON ENGINEERS
INCORPORATED

JULY 1992

PRELIMINARY SITE INVESTIGATION
NORTH SHORE AVENUE STATION
GAS STORAGE FACILITY
CHICAGO, ILLINOIS

Prepared for

THE PEOPLES GAS LIGHT AND COKE COMPANY
122 South Michigan Avenue
Chicago, Illinois 60603

Prepared by

HANSON ENGINEERS INCORPORATED
1525 South Sixth Street
Springfield, Illinois 62703

JULY 1992

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

Hanson Engineers Incorporated (HEI) was contracted by The Peoples Gas Light and Coke Company (Peoples Gas) to conduct a Preliminary Site Investigation at the former North Shore Avenue Station site. The purposes of the Preliminary Site Investigation are to: (1) determine if there is a potential for contamination, (2) assess the degree of potential contamination, and (3) assess the impact of potential contamination on human health and the environment. The conclusions discussed below are based on the May 12, 1989 site visit and borings, review of records and files, and review of the environmental setting.

- The site is currently owned by Peoples Gas and is used as a gate station and a shop facility for the north district of Chicago.

- The original gas plant buildings remain at the site. The aboveground portion of the gas holder has been removed from the site. Below ground portions of the gas holder may still be present. If so, these portions of the holder could contain precipitated tars, if not removed during demolition of the gas holder.

- Small amounts of tar were found disseminated in the native soil during the site visit. The northwest portion of the site is covered with buildings and paving. The rest of the site is lawn.

- Environmental impacts from off-site impacts are not expected. The area is primarily residential and commercial. A supermarket, bakery, and General Instruments facility are located to the north, a parking area is located to the west, and residences are located to the south and east.

- Public water supply in the site area is provided from Lake Michigan.

- Results of the literature search and well surveys indicate that ground water is not used within a one mile radius of the site.

- According to the Illinois Environmental Protection Agency (IEPA), there are no municipal wells within a one mile radius of the site.

- Consideration of potential site contaminant sources and pathways indicates the current potential for exposure to off-site receptors is minimal.

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SECTION 1

INTRODUCTION

SECTION 1
INTRODUCTION

SITE LOCATION

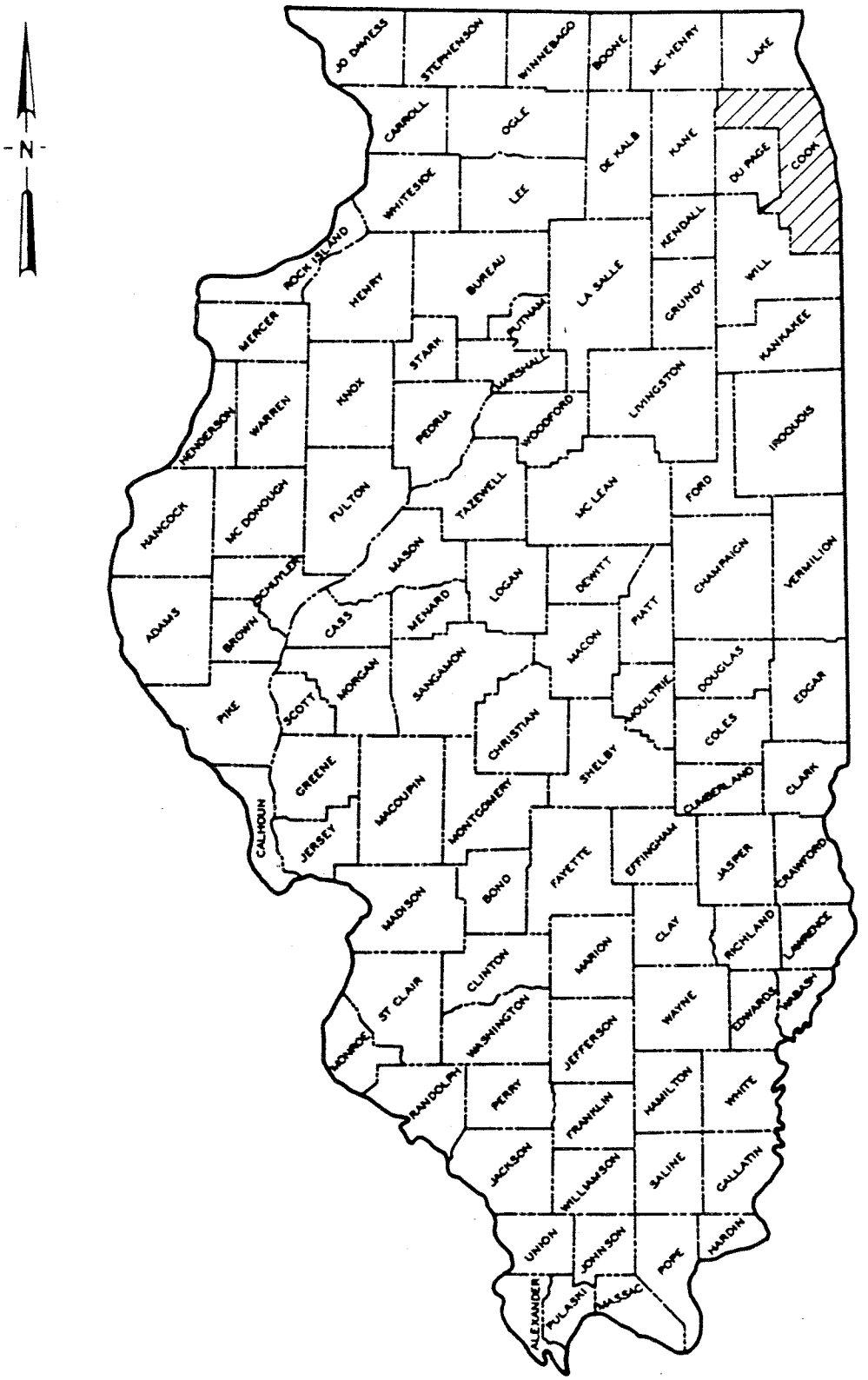
The North Shore Avenue Station gas holder facility (presently Rogers Park Subshop) was located in the Rogers Park Township of Chicago, Illinois, in Cook County. The location of Cook County with respect to the state is shown in Figure 1.1. The site is located in northwest Chicago, east of the North Shore Channel. The site location is shown in Figure 1.2.

The approximately 16.2 acre site is bounded to the north by a bakery and other development, to the west by Kedzie Avenue, to the south by Albion Avenue, and to the east by Whipple Street. The southeast portion of the block is not part of the site.

The land area across Kedzie Avenue is currently undeveloped. The North Shore Channel parallels and lies about 360 ft west of the western property line. The remaining surrounding area is primarily residential.

GAS PLANT HISTORY

In the late 1800s and early 1900s, coal gasification plants were operated in Illinois to supply low BTU gas to residential, commercial, and industrial customers. Background information on the North Shore Avenue Station site was provided by The Peoples Gas Light and Coke Company (Peoples Gas). The North Shore Avenue Station gas storage facility began operation in 1926. The facility was constructed and operated by Peoples Gas as a storage facility for manufactured gas. A 15 million cubic foot tar sealed gas holder was used for storage of manufactured gas from the time the station began operations. Later, the holder was used to store natural gas and/or a combination of natural and manufactured gas. The holder was dismantled in 1971.



ILLINOIS COUNTY MAP

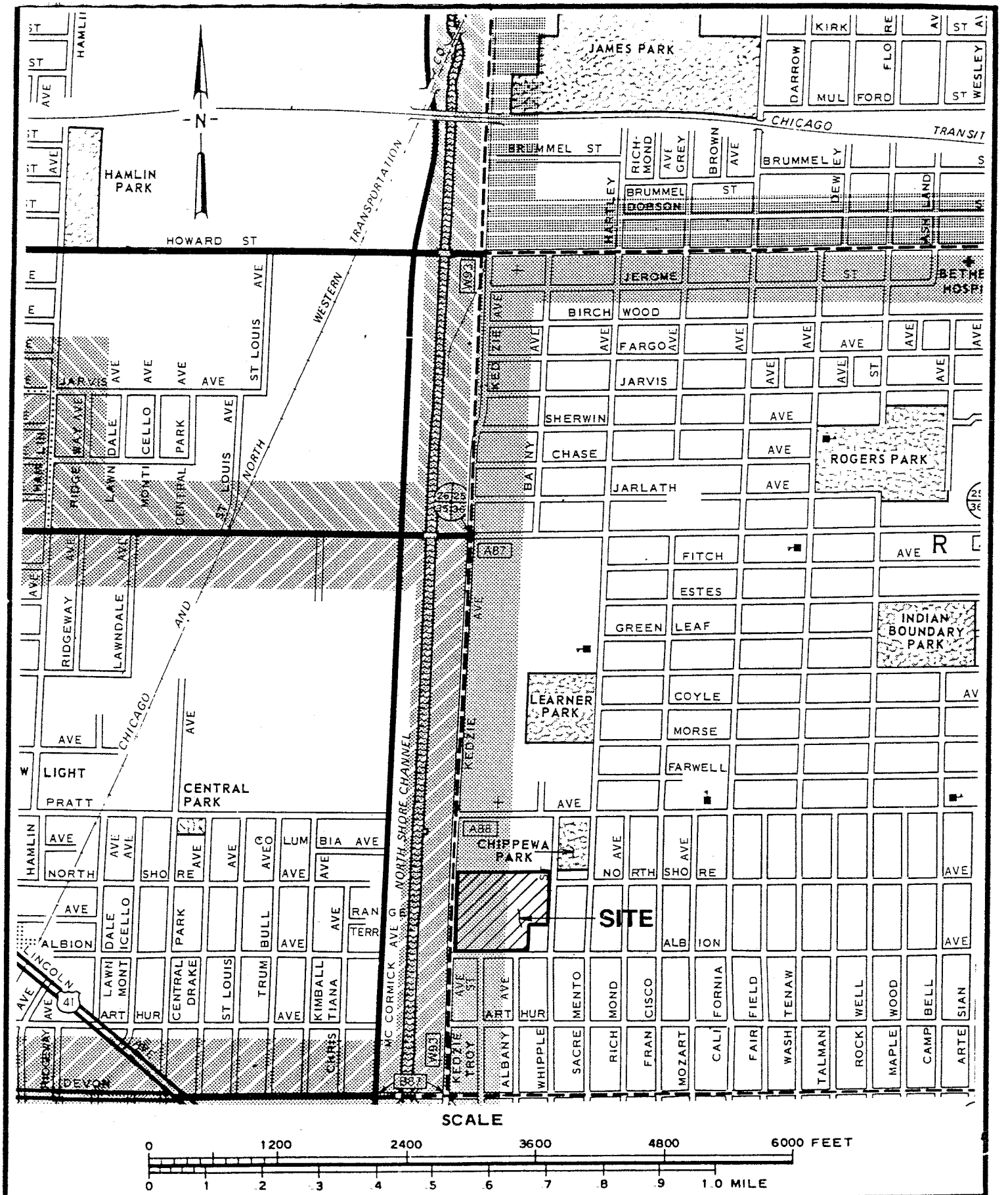
HANSON ENGINEERS INCORPORATED

SPRINGFIELD, IL • PEORIA, IL • ROCKFORD, IL

PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B

FIGURE 1.1



SITE LOCATION MAP

HANSON ENGINEERS INCORPORATED

SPRINGFIELD, IL • PEORIA, IL • ROCKFORD, IL

PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B

FIGURE 1.2

PROJECT OBJECTIVES

The purposes of this Preliminary Site Investigation are to: (1) determine if there is a potential for contamination, (2) assess the degree of potential contamination, and (3) assess the impact of potential contamination on human health and the environment.

Hanson Engineers Incorporated (HEI) was contracted by Peoples Gas in December 1988 to conduct a Preliminary Site Investigation for this site. This investigation includes:

- a description of present site conditions,
- a description of manufactured gas-related materials which may still be present at this site,
- a description of environmental conditions which may affect the movement of these materials,
- review of interim site uses, and
- analysis of possible on-site and off-site uses which may have affected the site.

The investigation for this site also includes a preliminary evaluation of potential ground water receptors within a one mile radius of the site. Past locations of ground water wells within a one mile radius have been identified, and their current uses have been determined.

SECTION 2

ENVIRONMENTAL SETTING

SECTION 2
ENVIRONMENTAL SETTING

The environmental setting of the Chicago area is described in a separate report entitled "Environmental Setting of the Chicago Area; Gas Manufacturing and Holder Facilities" which was submitted to Peoples Gas in September 1989. Specific features of the environmental setting of the North Shore Avenue Station site are described in this section with an emphasis directed toward identifying conditions that could influence the occurrence and movement of contaminants in the environment.

SURFACE DRAINAGE

Based upon observations from the May 12, 1989 site visit, surface runoff from the paved area of the North Shore Avenue Station is controlled by storm sewer drains that enter the city's combined sewer system. Water discharged to the combined sewer system is treated at a sewage treatment plant before discharging to a surface water body. The grassy area is relatively flat, and much of the surface runoff ponds and infiltrates into the soil. A slight drainage swale extends southwest from the southwestern edge of the former holder toward Kedzie Avenue. This swale apparently drains into an on-site storm sewer grate near Kedzie Avenue.

GEOLOGY

Glacial Stratigraphy

Two shallow borings were completed at this site using hand auger equipment (see Section 3 for boring locations). These borings encountered miscellaneous fill from 1 ft to several feet below the surface. The natural soils consisted of gray silty clay with brown mottling and abundant weathering and/or contraction openings throughout. These soils extend to at least 11 ft

below the surface of the site. This soil type typically has very low vertical and horizontal permeability, but the presence of openings within the clay may provide a more rapid pathway for the migration of potential site contaminants.

The silty clays encountered beneath the site are probably part of the Carmi Member of the Equality Formation. The Carmi Member is underlain by glacial drift which extends to the Silurian bedrock. Based upon Illinois State Water Survey (ISWS) well data for the area, the total glacial deposit thickness beneath the site is about 70 to 90 ft. The permeability of the glacial drift is also typically low due to abundant silts and clays.

Mineral Resources

Mineral resources of the greater Chicago area include large deposits of common building materials such as stone, gravel, sand, and clay. The locations of active quarries, mines, and pits are given in the Chicago area report (HEI, 1989). No coal mines or coal deposits exist beneath the site area. The nearest coal deposits are located in the southwestern corner of Will County, which marks the northern edge of the Illinois Basin and the coal bearing rocks of the Pennsylvanian System. A review of mineral resource literature indicates there has been no quarrying of resources in the vicinity of the North Shore Avenue Station site.

HYDROLOGY

Ground Water

Ground water use was determined from review of published literature and ISWS well records. These records should encompass all of the wells in the site area. The Illinois Department of Public Health (IDPH), Illinois Department of Mines and Minerals (IDMM), and the Illinois Environmental Protection Agency (IEPA) were also contacted for well records. The

IDPH and IDMM stated that copies of all their records were sent to the ISWS, and data retrieval was best achieved through them. The IEPA has no record of any municipal wells within one mile of the site. All identified former ground water users within one mile of the site are listed in Table 2.1. Well locations are shown in Figure 2.1.

Wells of unknown use that were identified during review of ISWS well logs and other literature were visited during May 1991 in an attempt to determine their status. The results of the well survey and literature search indicated that ground water is not used within one mile of the site. In most cases, the original business which owned the well was non-existent, or the original building or well house was demolished. Chicago water is currently supplied from surface water sources, so current owners of wells either do not use the ground water or had no knowledge of well locations. Status of the wells within a one mile radius of the North Shore Avenue Station site is listed in Table 2.1.

Ground water withdrawals in the Chicago area were derived from four aquifer systems. These systems include the glacial aquifer, the shallow dolomite aquifer, the Cambrian-Ordovician aquifer, and the Mt. Simon aquifer. These aquifers are described in the general report on the environmental setting of the Chicago area (HEI, 1989). Reported ground water withdrawals within the Chicago area were generally limited to commercial and industrial uses. The City of Chicago obtains its municipal supplies from Lake Michigan. Each of the aquifer systems and well locations visited during May 1991 are briefly discussed below.

Glacial Aquifer

The unconsolidated surficial deposits beneath the North Shore Avenue Station are part of the glacial aquifer system. Ground water in the surficial deposits is expected to be encountered at shallow depths. No glacial aquifer wells were identified from ISWS records within a one mile radius of the site.

TABLE 2.1

WELL SUMMARY

NORTH SHORE AVENUE STATION

HEI WELL NUMBER		DATE	LOCATION					TOTAL DEPTH	DEPTH TO	
AQ	NO.	DRILLED	TWP	RNG	SEC	OWNER	ADDRESS	(ft)	BR	COMMENTS
CO-	92	1903	41N	13E	36	NATIONAL BRICK CO.	3150 W. TOUHY	800	--	NOT IN USE 1924;BLDG RAZED
SD-	29	1934	41N	13E	35,3h	UPTOWN FUEL CO.	1480'W,400'S OF NE CORN	191	--	FACILITY NOT LOCATED
SD-	31	1934	41N	13E	35,4h	COAL YARD	2050'W,250'S OF NE CORN	190	--	FACILITY NOT LOCATED
SD-	32	1968	41N	13E	36	BRYN MAWR COUNTRY CLUB	1600 N. CRAWFORD	302	67	NOT IN USE;IRRIGATE WITH SURFACE WATER
SD-	76	--	41N	13E	26	PENNSYLVANIA OIL CO.	TOUHY AVE.	80	--	FACILITY NOT LOCATED
SD-	77	1925	41N	13E	26	LAKE VIEW BRICK CO.	TOUHY AVE. (NILES CENTER)	--	--	NOT IN USE;CURRENTLY SMALL BUSINESSES
SD-	78	--	41N	13E	26	LAKE VIEW BRICK CO.	TOUHY AVE. (NILES CENTER)	132	--	NOT IN USE;CURRENTLY SMALL BUSINESSES
SD-	79	1925	41N	13E	26	LAKE VIEW BRICK CO.	TOUHY AVE. (NILES CENTER)	98	--	NOT IN USE;CURRENTLY SMALL BUSINESSES
SD-	80	1967	41N	13E	26	ILLINOIS TUBE CO.	McCORMICK BLVD.	513	87	NOT IN USE;CURRENTLY US MACHINERY
SD-	81	1924	41N	13E	25	KELLENHALS	TOUHY & SACRAMENTO ST.	160	--	NOT IN USE;CURRENTLY APARTMENTS
SD-	82	1908	41N	13E	25	KELLENHALS	TOUHY & SACRAMENTO ST.	194	--	NOT IN USE;CURRENTLY APARTMENTS

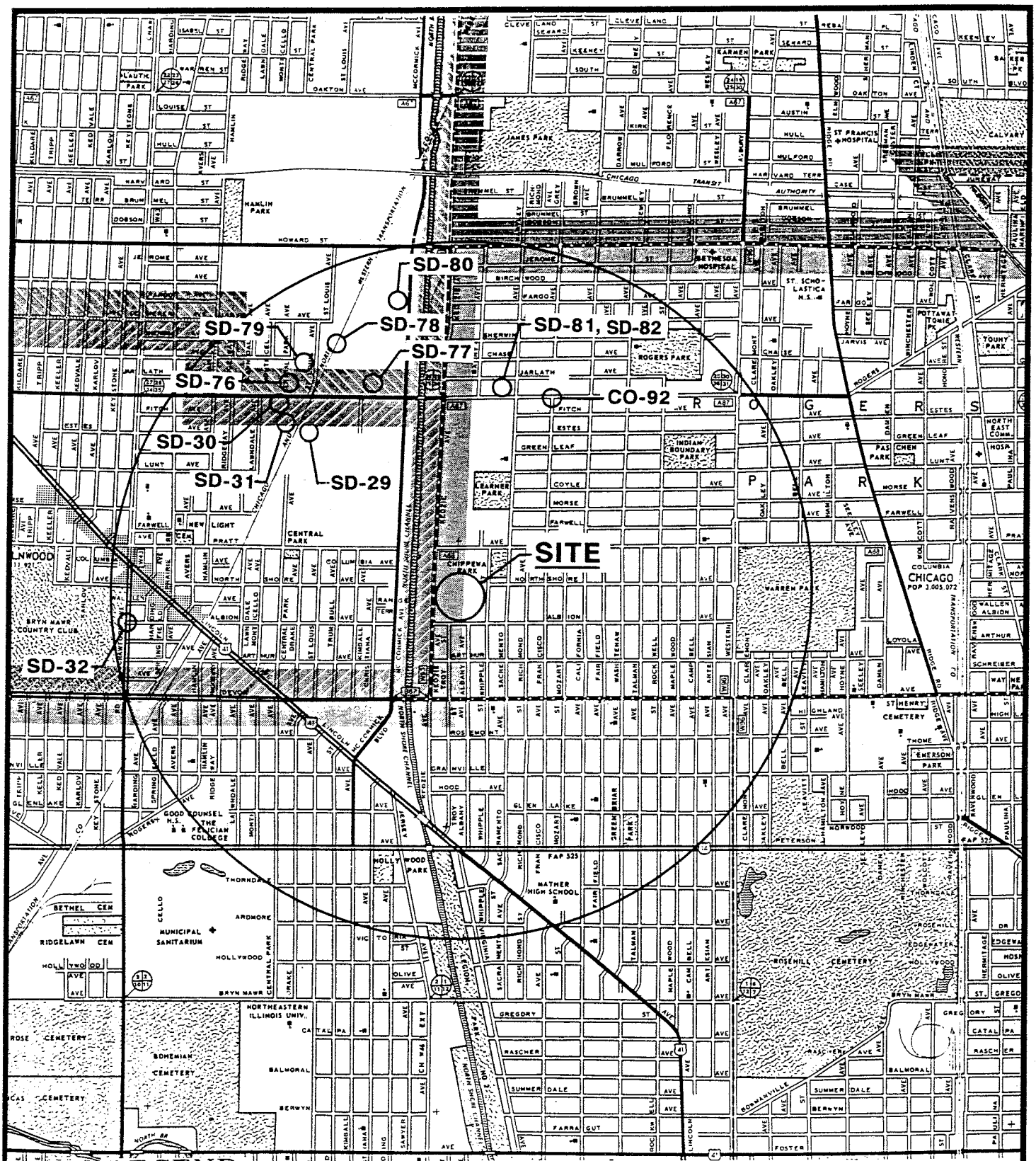
(Table based on 1991 data)

AQ = Aquifer

BR = Bedrock

CO = Cambrian-Ordovician Aquifer

SD = Shallow Dolomite Aquifer



LEGEND

SD-1 Shallow Dolomite Aquifer Well

CO-1 Cambrian-Ordovician Aquifer Well

SCALE

0 1200 2400 3600 4800 6000 FEET

0 1 2 3 4 5 6 7 8 9 1.0 MILE

0 2 4 6 8 1.0 KILOMETER

WELL LOCATION MAP

HANSON ENGINEERS INCORPORATED

PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

Job No. 88S5083B

Figure 2.1

Shallow Dolomite Aquifer

The shallow dolomite aquifer in the site area consists primarily of Silurian dolomite. The Silurian dolomite is about 300 to 350 ft thick beneath the site and directly underlies the glacial deposits. This aquifer was a minor to moderate source of commercial and industrial ground water withdrawals in the Chicago area.

Eleven shallow dolomite aquifer wells were identified from ISWS records within one mile of the North Shore Avenue Station site (as shown in Figure 2.1). A summary of the well information, including current status, is given in Table 2.1.

Well SD-29 was owned by the Uptown Fuel Company. The facility could not be located from the information supplied by the ISWS.

Well SD-30 was owned by the Chicago Brick Company. The facility no longer exists at the property.

Well SD-31 was operated by a coal yard. The facility could not be located from ISWS information.

The Bryn Mawr Country Club operated well SD-32 for irrigation of a golf course. The head groundskeeper did not know of any well on the property. The country club presently irrigates with surface water from a lake on the property.

Well SD-76 was owned by the Pennsylvania Oil Company. The facility could not be located from ISWS information.

Wells SD-77, SD-78, and SD-79 were owned by the Lake View Brick Company. The facility has been demolished, and the property is currently occupied by small businesses.

The Illinois Tube Company, which formerly operated well SD-80, is presently U.S. Machinery Movers Incorporated. The former building location is believed to be paved over.

Wells SD-81 and SD-82 were owned by Kellenhals. The property is currently occupied by apartments.

Cambrian-Ordovician Aquifer

According to ISWS records, the primary use of the Cambrian-Ordovician aquifer in this area was commercial and industrial. This aquifer system was the principal system utilized for ground water withdrawals in the Chicago area. The primary water bearing units include the Ordovician-aged Glenwood-St. Peter Sandstone and the Cambrian-aged Ironton-Galesville Sandstone.

One Cambrian-Ordovician aquifer well was identified within one mile of the North Shore Avenue site (as shown in Figure 2.1). The National Brick Company operated well CO-92. The well was completed to a total depth of 1,026 ft. The ISWS reported that this well was not in use in 1924. The building no longer exists at the property.

Mt. Simon Aquifer

The Mt. Simon aquifer is not used as a primary aquifer in the site area due to poor water quality.

Surface Water

The nearest surface water body to the North Shore Avenue Station is the North Shore Channel, which flows south about 350 ft west of the site. The North Shore Channel continues south and joins the North Branch of the Chicago River about 2 miles south of the site.

Water quality data, collected by the Metropolitan Sanitary District of Greater Chicago (MSD, 1988) from a station just north (upstream) of the site indicates excursions from Secondary Contact standards have occurred for ammonia, nitrogen, lead, mercury, fats, oils, and greases. The annual geometric mean values for these parameters from the latest MSD report, however, have not exceeded the Secondary Contact standards. No data were available for monthly fecal coliform concentrations, but the annual geometric mean value for 1986 (the latest MSD report) was above Secondary Contact standards. These contaminants are normal constituents of surface runoff from metropolitan areas.

According to the Federal Emergency Management Agency (FEMA), the site is not within the limits of the 100 year floodplain for the North Shore Channel. No wetland areas are shown within the boundaries of the site on the National Wetland Inventory maps developed by the U.S. Fish and Wildlife Service. The Illinois Department of Conservation's Natural Heritage Database lists no federal or state threatened and endangered species or pristine natural areas occurring in the vicinity of the site.

SECTION 3

DESCRIPTION OF SITE

SECTION 3
DESCRIPTION OF SITE

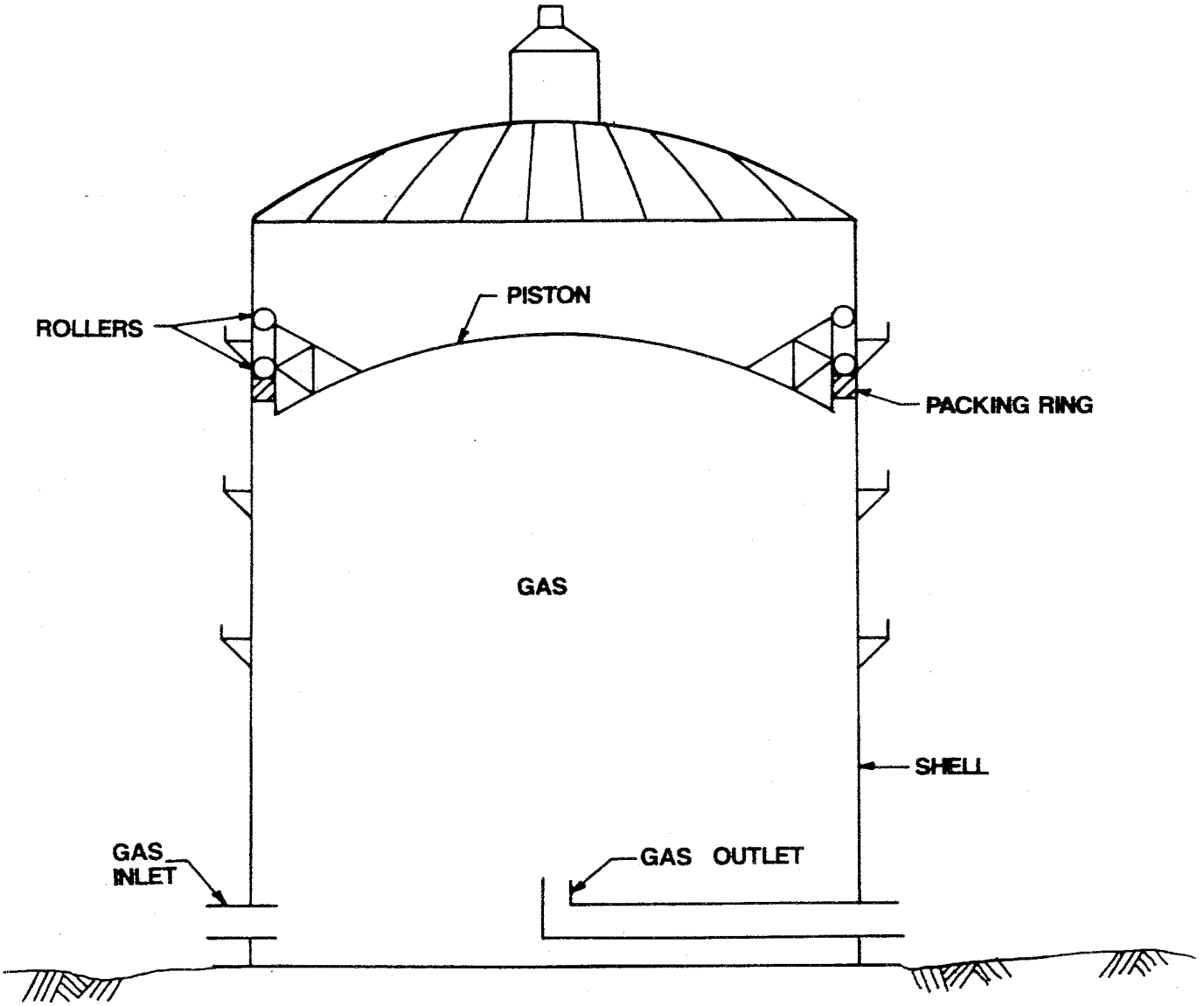
Historical review of site uses, from gas plant operations through the current use, is necessary to determine if impacts to the environment may have occurred. The historical review was concentrated on the site. However, if review of Sanborn maps or other sources revealed off-site facilities or operations which may have environmental impacts to the site, then they were noted. These potential off-site sources of environmental impacts are noted in the discussion of interim uses.

SITE HISTORY

Gas Plant Operations at North Shore Avenue Site

The North Shore Avenue Station site was constructed in 1926 for use as a gas storage facility by Peoples Gas. The site housed a 15 million cubic foot waterless gas holder. The waterless gas holder was constructed of exterior steel plates, which form a polygonal shape in plan view. Within the shell, a piston moved up and down by way of rollers attached to the exterior shell as gas was introduced or withdrawn. The weight of the piston provided constant gas pressure. The edges of the piston were sealed with a packing ring consisting of a trough and packing cloth. The trough was filled with tar (sometimes a petroleum based oil) supplied from pumps within tar wells or sumps placed along the exterior base of the holder. The tar wells collected tar which leaked from the packing ring and ran down the interior walls or precipitated from the gas and accumulated in the base of the holder. Pumps within the tar wells kept the tar level constant within the packing ring by use of floats. Figure 3.1 shows a cross section of a typical waterless gas holder.

A site plan, dated 1928 and revised through 1953, showing the gas storage facilities was provided by Peoples Gas. The approximate locations of the former site facilities were determined from this plan and have been reconstructed in Figure 3.2.



LOW-PRESSURE HOLDER, WATERLESS TYPE

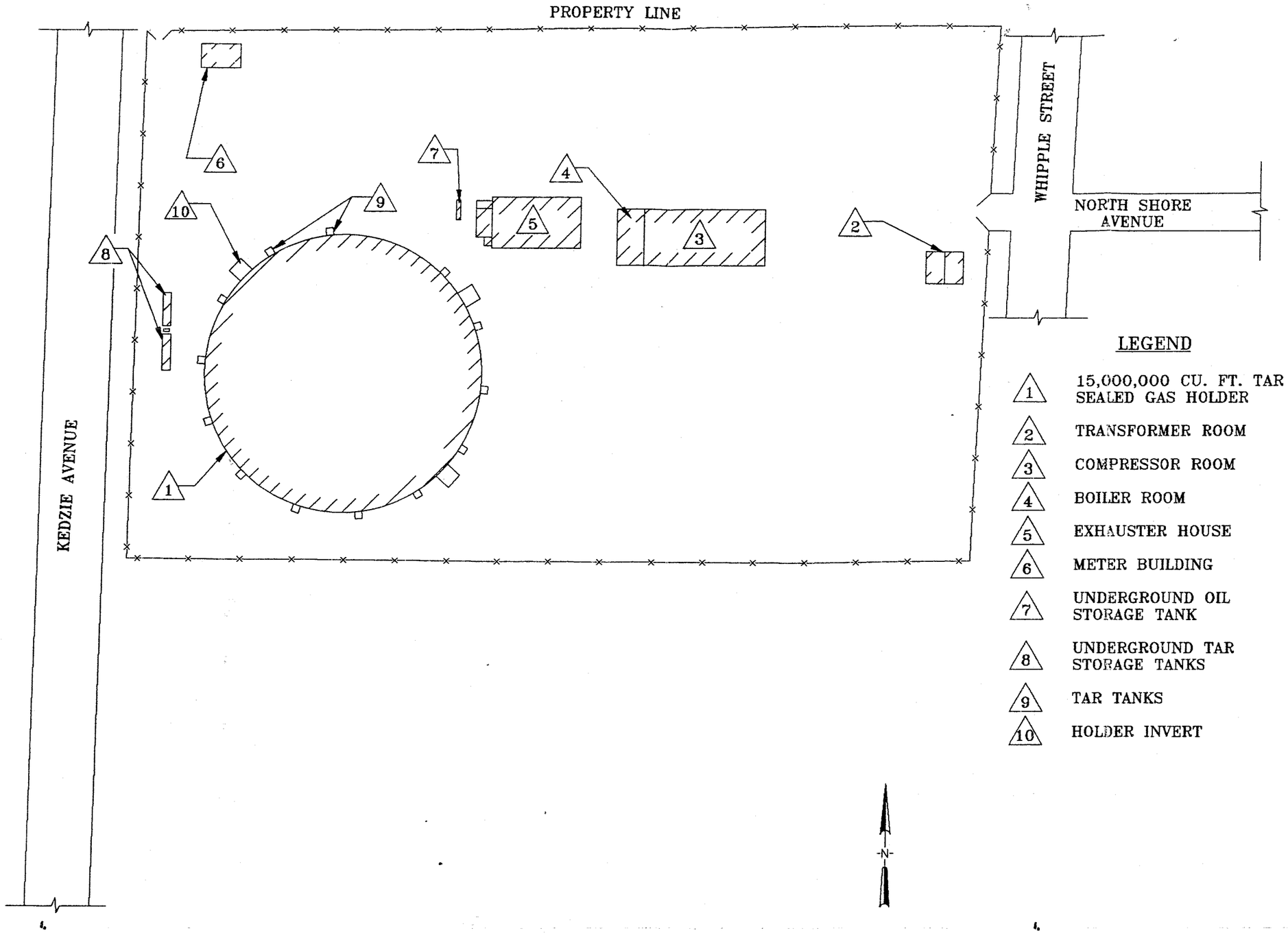
HANSON ENGINEERS INCORPORATED

SPRINGFIELD, IL • PEORIA, IL • ROCKFORD, IL

PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B

FIGURE 3.1



LEGEND

1. 15,000,000 CU. FT. TAR SEALED GAS HOLDER
2. TRANSFORMER ROOM
3. COMPRESSOR ROOM
4. BOILER ROOM
5. EXHAUSTER HOUSE
6. METER BUILDING
7. UNDERGROUND OIL STORAGE TANK
8. UNDERGROUND TAR STORAGE TANKS
9. TAR TANKS
10. HOLDER INVERT

APPROXIMATE SCALE IN FEET

100 0 100 200

SOURCE; PEOPLES GAS LIGHT & COKE CO., DRAWING NO. 2061, LAST REVISION 9/18/53 & 7/23/88.

SITE PLAN (1953)

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PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B FIGURE 3.2

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The holder was constructed on a concrete pad which was finished near the present grade. The holder was sealed by viscous tar which was circulated from two underground tar tanks and 11 underground tar collection tanks along the holder perimeter. The holder was taken out of service from April to July, 1956 for inspection and repairs. Part of the repairs made included changing the holder sealant from tar to oil. Tar was removed from the two 12,000 gallon underground tar storage tanks and the northwest holder invert, and a portion of the tar was removed from the tar dam and pump weirs within the holder. Tar derived from these sources totalled about 40,000 gallons and was sold to the Koppers Company. Additional tar was removed from the base of the holder and from various locations around the holder which totalled about 152,600 gallons. About 60,200 gallons of this tar were sold to the Koppers Company, and the remainder (about 92,400 gallons) was given to the Lewis Tar Products Company.

The interior of the holder was steam cleaned and repairs made to the interior. Rubbing bars within the holder were dismantled and cleaned in a pit along the western perimeter of the holder.

About 8,000 gallons of tar from the tar conditioner tank were then admitted to the tar dam and sealing cup on the piston, and the tar conditioner tank was then cleaned. About 56,000 gallons of sealant oil were then transferred to the two underground storage tanks, tar dam, and tar conditioner tank. The holder sealant oil, however, was incompatible with the remaining tar and formed an emulsion which was removed from the holder. The holder was placed back in service on July 18, 1956.

Gas storage at this site ceased when it was converted to a subshop. The gas holder was disconnected and purged in 1969. The gas holder and some of the aboveground structures were dismantled after the conversion. According to Peoples Gas specifications for dismantling the holder, the remaining tar and oil sealant were disposed of off-site by the contractor during holder dismantling. Several of the buildings still remain on the site. The property was expanded to Albion Avenue on the south with an additional land purchase of 6.2 acres in 1956. This land

was not used for the gas storage operations and remains undeveloped. The portion of the site which contained the gas storage facilities is currently owned by Peoples Gas.

According to demolition specifications provided by Peoples Gas, most of the tar tanks along the holder perimeter were removed with the gas holder in 1971. The specifications called for the removal of the gas holder and concrete pad, settling tank, both underground oil storage tanks, seven tar collection tanks around the holder perimeter, and other appurtenances. Old site plans show 13 tar collection tanks around the holder perimeter. The disposition of the other six tanks is unknown.

Interim Site Uses

Interim site uses (between termination of gas plant operations and the current site use) may have significant influence on the extent of environmental impacts. For example, past excavation and backfilling activities may have resulted in removal of manufactured gas contaminants.

Sanborn maps (1975 and 1990) were reviewed in an attempt to determine interim site use. The North Shore Avenue Station is shown on both the Sanborn maps. No structures are shown on the southern portion of the site.

Interim Off-Site Uses

The Sanborn maps were used to identify off-site operations which may have had environmental impacts at the site. These facilities are identified below, with possible contaminants listed in parentheses. Off-site uses which may have impacted the site in the past include a transformer yard (oil and PCBs) located at a facility immediately north of the site.

EXISTING SITE CONDITIONS

HEI representatives conducted a site visit on May 12, 1989 to assess the present site conditions at and around the North Shore Avenue Station site. Shallow soil probes were completed during the site visit. Photographs were taken during the site visit. Observations from the site visit are discussed below.

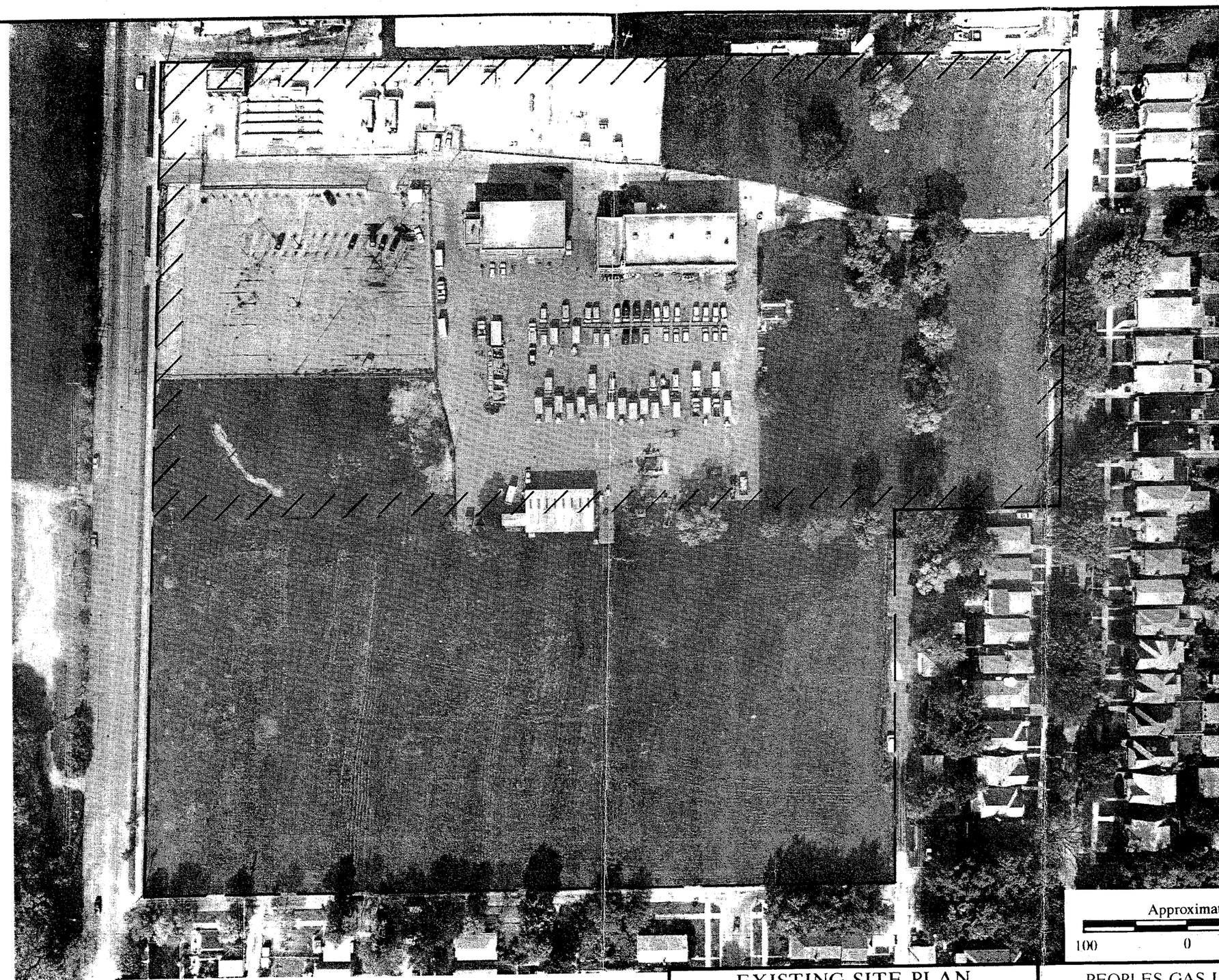
Current Site Use

The site is currently owned by Peoples Gas and is used as a gate station and North District Subshop. The approximate former site boundary is shown superimposed on aerial photographs of the present site in Figure 3.3. Figures 3.2 and 3.3 are at the same scale, enabling cross-reference and comparison of former gas plant features to the current site features. Discrepancies in the limits of the former or present site boundaries between Figures 3.2 and 3.3 may occur due to errors in Sanborn mapping and distortion in photographs or photocopy reproductions.

Site topography is nearly level, with little change in elevation across the site and surrounding area. The main gas storage facility buildings still exist at the site and are used for subshop operations. The storeroom building contains the backup computer facilities for the company. Storage bins and sheds have been constructed on the site. A chain link fence completely surrounds the property, and a security guard walks the site during nonworking hours. A portion of the site is paved with asphalt, including the area of the north half of the gas holder and the tar storage tanks. The portion of the site containing most of the south half of the former gas holder and associated tar collection tanks is grass covered.

Soil Borings

HEI representatives conducted a preliminary assessment and brief exploration program on May 12, 1989 to investigate (in a preliminary manner) the presence or absence



LEGEND

Existing North Shore Property Limits

Former North Shore Property Limits

-N-

Approximate Scale In Feet

100 0 100 200

EXISTING SITE PLAN

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NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B

FIGURE 3.3

of tar or oils at the North Shore Avenue Station site. Two shallow borings were advanced with hand auger equipment at the locations shown in Figure 3.4. Drilling logs are presented at the end of this report.

Boring B-1 was completed along the perimeter of the holder. The boring encountered strong, tarry odors from 1.3 to 11 ft, and free tar from 6 to 8 ft below the surface. The tar was viscous and disseminated in the native clay soil. One inch of water accumulated in the boring after two hours.

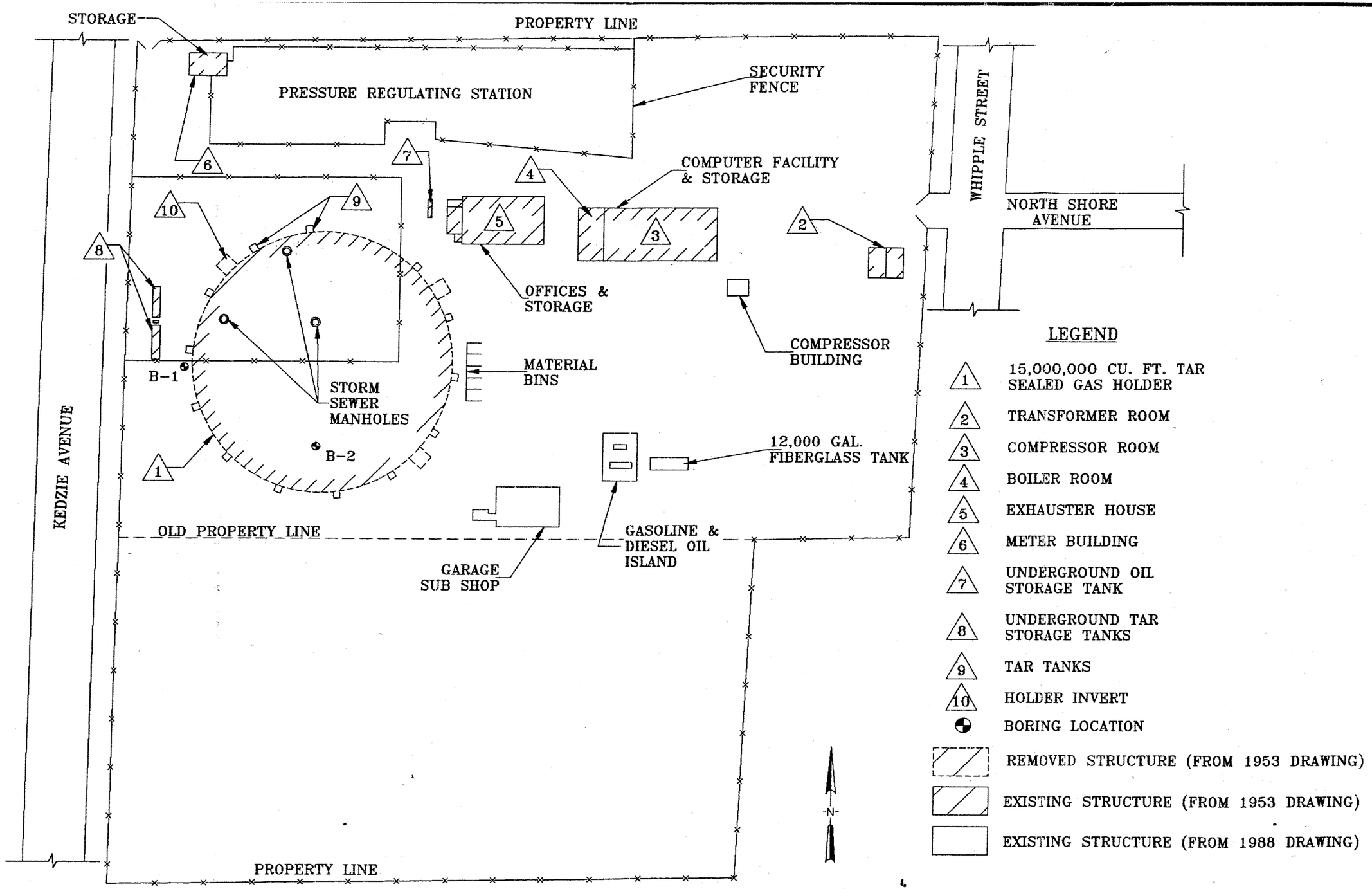
Boring B-2 was completed inside the area formerly occupied by the holder. Soil cuttings from this boring contained no odors or visual indications of soil contamination to the total boring depth of 12.5 ft. The ground water level was 11 ft from ground level after one hour.

The underground oil storage tanks are still shown on updated site drawings and may still be present, although demolition specifications called for their removal. No attempt was made to determine whether these tanks were present during the site visit. No attempt was made to determine whether the underground tar tanks along the perimeter of the former holder remain at the site.

The results of the preliminary borings and field observations indicate that manufactured gas contaminants are present on-site in at least one area along the western perimeter of the former holder.

Off-Site Land Use

The area surrounding the site is primarily residential and commercial. A Dominicks supermarket, Heinemann's Bakeries, a General Instrument facility, and Park Plaza Retirement Center are located to the north. A Thillens Stadium parking lot is located to the west. Residences are located to the south and east.



SOURCE; PEOPLES GAS LIGHT & COKE CO., DRAWING NO. 2061, LAST REVISION 9/18/53 & 7/23/88.

BORING LOCATION PLAN

HANSON ENGINEERS INCORPORATED

PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

JOB NO. 88S5083B FIGURE 3.4

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SECTION 4

POTENTIAL IMPACTS

SECTION 4
POTENTIAL IMPACTS

POTENTIAL OFF-SITE IMPACTS TO SITE

The Environmental Risk Information Center (ERIC) provides information on facilities which are listed in one or more of the following regulatory databases: Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Resource Conservation and Recovery Act (RCRA), Illinois RCRA, merged Illinois and U.S. RCRA, and the Toxic Release Inventory (TRI). In addition to the ERIC reports, a list of leaking underground storage tanks (LUST) in the vicinity of the site was obtained from the IEPA. Each database is further described below.

The CERCLIS is a database containing information on companies or individuals which own or operate a facility that may contain hazardous waste. The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, often referred to as Superfund, enabled the U.S. Environmental Protection Agency (USEPA) to investigate facilities where hazardous wastes may have been abandoned. These facilities were operational before passage of the Resource Conservation and Recovery Act. Site investigations conducted by the USEPA are used to determine whether a facility will be placed on the National Priority List (NPL) for cleanup. The facilities listed in the ERIC report show the name and address of the facility, owner, the NPL status, and any specific comments from the USEPA on the facility.

The RCRA and state RCRA databases provide information on registered generators or owners of hazardous waste treatment, storage, and disposal facilities. The ERIC report indicates the owner and operator of a facility, address, classification of wastes at the facility, permit status, mode of transportation for removal of the waste, and any comments by the USEPA or IEPA.

The merged RCRA and state RCRA database contains information on those facilities which are listed by both the USEPA and the IEPA. This database provides information such as

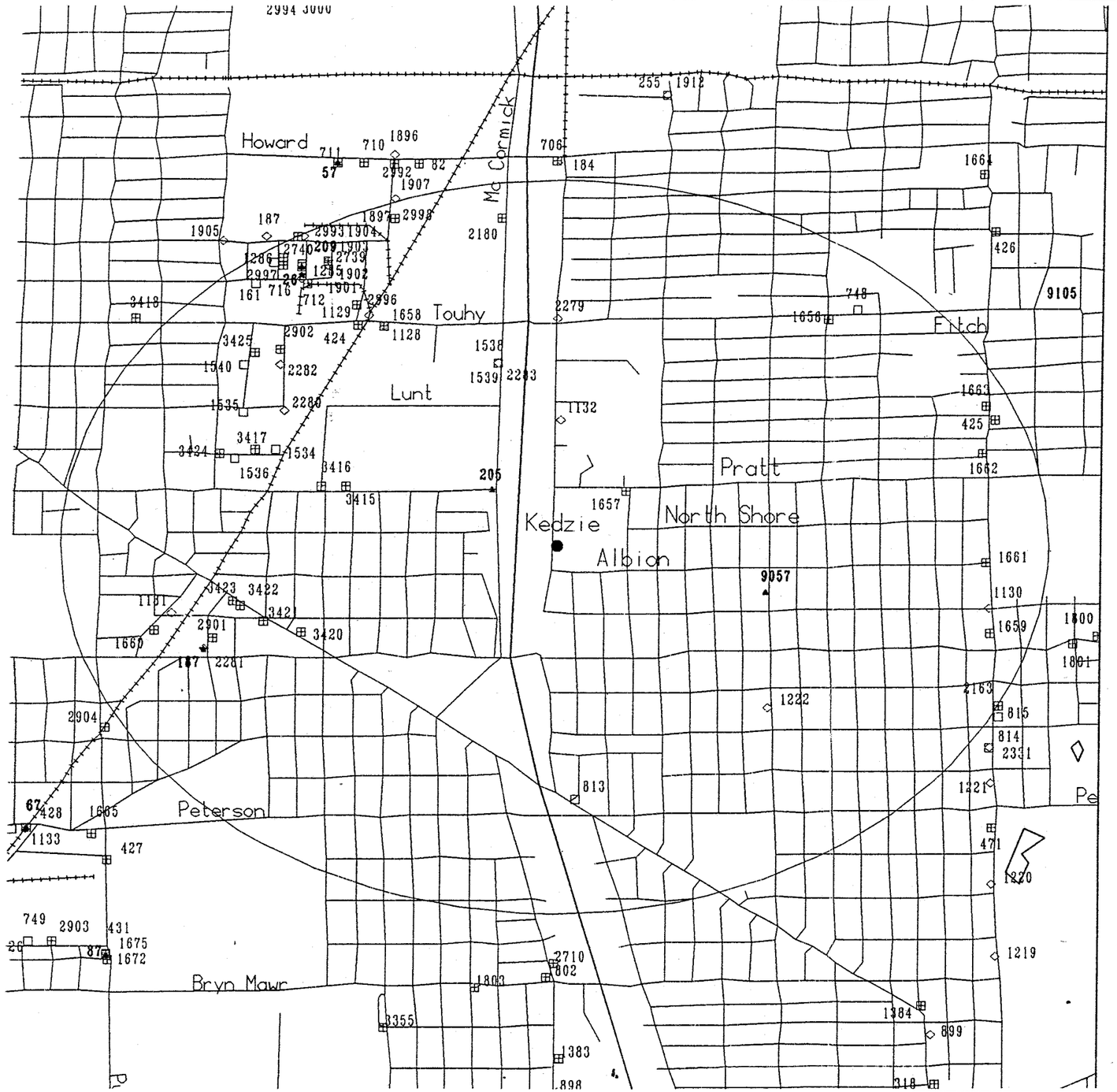
the property owner's name and address, amount of hazardous waste generated, hazardous waste classification, and USEPA comments on the facility.

The TRI database provides information on facilities which are out of compliance on the amounts of chemicals stored on site and where reportable quantities of chemicals have spilled. Facilities with large quantities of chemicals on site pose a potential threat to the public and/or the environment if a fire, explosion, or spill occurs. The ERIC report includes the estimated annual release of toxic chemicals to the air, water, or land, the maximum amount stored on site, the methods used for waste treatment, and data on the transfer of toxic chemicals off site.

HEI requested information on those facilities in the above databases within a one mile radius of the North Shore Avenue Station site. Those facilities were plotted on a location map (Figure 4.1) showing the North Shore Avenue Station site at the center. The facilities are plotted based on zip codes. If a zip code was not listed or an address was incorrect, then the facility was not plotted on Figure 4.1. The ERIC report includes information on these unplotted facilities if it cannot be demonstrated that the facility lies outside the one mile radius. Therefore, some facilities which are not on Figure 4.1 may be within one mile of the site.

The ERIC report for the North Shore Avenue Station site identified 2 CERCLIS, 11 RCRA, 16 Illinois RCRA, 31 merged RCRA and Illinois RCRA, and 3 TRI facilities within a one mile radius of the site. One merged federal and state RCRA facility is located immediately north of the North Shore Avenue Station site. Clare CP Corporation (Map ID 1657) is operated by General Instrument and is classified as a large quantity generator producing more than 1,000 kg of hazardous wastes or 1 kg of acutely hazardous waste per month. Bell & Howell Company (Map ID 205) is a TRI facility with a waste stream containing trichloroethane. No release is listed in the ERIC Report.

One CERCLIS, 6 RCRA, 14 merged federal and state RCRA, and 8 Illinois RCRA facilities were not plotted on Figure 4.1. The CERCLIS facility is not on the NPL, although it is classified as possibly requiring further action by the USEPA, according to the ERIC Report



The Environmental Risk Information Center
1421 Prince Street, Alexandria, Va. 22314
Telephone: (703) 836-0402
Fax: (703) 836-0468

E R I C

Address: 6659 N. KEDZIE AVE.
City: CHICAGO
County: COOK
State: ILLINOIS

Longitude: -87.7090 Latitude: 42.0020

Printing Date: 15-JAN-1992

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Site Symbol Key

★ Comprehensive Environmental Response, Compensation, and Liability Information System.
CERCLIS Notifiers: 2 mapped within radius

□ RCRA
RCRA Notifiers: 11 mapped within radius

◇ State RCRA
State Notifiers: 16 mapped within radius

⊞ Merged RCRA + STATE RCRA
Federal + State Notifiers: 31 mapped within radius

▲ Toxic Release Inventory
TRI Notifiers: 3 mapped within radius

● Denotes center point of search radius

Line Feature Key

Roads — Water Features — Railroads

The information on this map is subject to the Report Disclaimer Notice

POTENTIAL OFF-SITE IMPACTS

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PEOPLES GAS LIGHT & COKE CO.
NORTH SHORE AVENUE STATION
CHICAGO, ILLINOIS

Job No. 88S5083B Figure 4.1

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for the North Shore Avenue site. Two of the unmapped facilities are located within one quarter mile of the site. Bell & Howell Company is listed as a large quantity generator. Dove Cleaners, located two blocks south of the site, is classified as a small quantity generator producing more than 100 kg but less than 1,000 kg of hazardous waste per month.

IEPA was contacted for information on registered Leaking Underground Storage Tank (LUST) sites located within one half mile of the North Shore Avenue Station site. The LUST list is a non-verified, unconfirmed list of sites based on releases at sites reported to the IEPA. Two LUST sites are listed within one half mile of the site. Peoples Gas is listed as a LUST site.

POTENTIAL SITE IMPACTS

The site is currently owned by Peoples Gas and is used as the North District Subshop. The site is covered by lawn, asphalt, and structures. Visual observations from the site visit did not indicate signs of contamination at the surface (stressed vegetation, soil staining, etc.). However, exposure to manufactured gas contaminants and other contaminants (if present) could occur through surface, subsurface, and atmospheric pathways since the site surface is primarily lawn. However, the southern portion of the site was purchased by Peoples Gas late in the operating period of the gas storage facility. Therefore, it is unlikely that residual tars are present in this area. The potential for exposure to manufactured gas contaminants and other contaminants (if present) beneath the surface appears to be minimal unless intrusive work, such as excavation, is initiated.

If manufactured gas contaminants have entered the shallow ground water, they would be expected to move with the direction of ground water flow. The direction of ground water flow in the uppermost aquifer is unknown, but is expected to be westward toward the North Shore Channel.

Atmospheric exposure to manufactured gas contaminants and other contaminants requires exposure to the air. Likewise, biotic exposure can occur through surface contamination.

Although there is no indication of surface contamination at the site, atmospheric exposure to manufactured gas contaminants from the surface may occur since the site is primarily lawn. However, residual tars are not expected to be present in the southern portion of the site which was purchased late in the operating period of the gas storage facility. Impacts to biota from contaminated ground water discharging into surface water bodies could occur since the nearest surface water body (North Shore Channel) is about 350 ft west of the site.

Potential receptors to possible manufactured gas contaminants include workers at Peoples Gas and nearby businesses, and local residents. However, based on analysis of potential contaminant pathways, the potential for exposure to these receptors appears to be minimal.

The most likely source of contamination would result from contaminants from the manufactured gas process (if any) remaining in the below ground portions of the gas storage structures (if present). According to Peoples Gas records, the gas holder was constructed on a concrete pad near grade. The tar tanks were placed underground. Contaminants could still be present, provided the below grade structures were not removed during demolition and the walls of these structures maintained their integrity.

The mobility of contaminants from potential off-site sources or from the former North Shore Avenue Station site depends on many different factors, including soil type, ground water flow velocities, quantity of organics in the soil, etc. If the soils were composed principally of fine-grained material, then attenuation of the contaminants to the soil particles could be high. This would restrict the movement of contaminants to and from the site. If the soils are coarse-grained (composed principally of sand and gravel), then attenuation of organics or metals will be decreased.

SECTION 5
CONCLUSIONS

SECTION 5
CONCLUSIONS

The objectives of the Preliminary Site Investigation were to: (1) determine if there is a potential for contamination, (2) assess the degree of potential contamination, and (3) assess the impact of potential contamination on human health and the environment. The conclusions discussed below are based on the May 12, 1989 site visit and borings, review of records and files, and review of the environmental setting.

- The site is currently owned by Peoples Gas and is used as a gate station and a shop facility for the north district of Chicago.

- The original gas plant buildings remain at the site. The aboveground portion of the gas holder has been removed from the site. Below ground portions of the gas holder may still be present. If so, these portions of the holder could contain precipitated tars, if not removed during demolition of the gas holder.

- Small amounts of tar were found disseminated in the native soil during the site visit. The northwest portion of the site is covered with buildings and paving. The rest of the site is lawn.

- Environmental impacts from off-site impacts are not expected. The area is primarily residential and commercial. A supermarket, bakery, and General Instruments facility are located to the north, a parking area is located to the west, and residences are located to the south and east.

- Public water supply in the site area is provided from Lake Michigan.

- Results of the literature search and well surveys indicate that ground water is not used within a one mile radius of the site.

- According to the Illinois Environmental Protection Agency (IEPA), there are no municipal wells within a one mile radius of the site.

- Consideration of potential site contaminant sources and pathways indicates the current potential for exposure to off-site receptors is minimal.

REFERENCES

REFERENCES

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BORING LOGS

HANSON ENGINEERS INCORPORATED

BORING LOG

BORING NUMBER	B-1	DRILLING STARTED	5-12-89
PROJECT NAME	Peoples Gas	DRILLING COMPLETED	5-12-89
JOB NUMBER	88S5083B	DRILLING METHOD	Hand Auger
LOCATION	North Shore Avenue Station	SAMPLING METHOD	Cuttings
LOGGED BY	A. Scott Yankey	WATER LEVEL AFTER 2 HRS.	10.9'

DEPTH IN FEET BELOW G.S.	SAMPLE DESCRIPTION	NOTES
0.0 - 0.5	Brn. sl. TOPSOIL.	
0.5 - 1.3	Brn. to gray fn-crs SAND and GRAVEL (FILL).	
1.3 - 3.0	Dk. brn. sa. sl. CLAY w/sctrd. grav.	
3.0 - 6.0	Gray sl. CLAY w/tr. sa. and sctrd. grav., brn. mottling, abund. weathering or expansion openings, naphthalene odor.	Sample taken at 4.0 ft.
6.0 - 8.0	As above, tar present within openings in clay, strong tarry odor	Sample taken at 7.0 ft.
8.0 - 8.5	As above, but no tar present, tarry odor.	
8.5 - 10.0	As above, but abundant gypsum crystal growth within clay openings, sl. tarry odor.	
10.0 - 11.0	As above, but stiff, fewer openings in clay, no gypsum crystal growth, sl. naphthalene odor.	
	E.O.B. 11.0 ft.	

HANSON ENGINEERS INCORPORATED

BORING LOG

BORING NUMBER	B-2	DRILLING STARTED	5-12-89
PROJECT NAME	Peoples Gas	DRILLING COMPLETED	5-12-89
JOB NUMBER	88S5083B	DRILLING METHOD	Hand Auger
LOCATION	North Shore Avenue Station	SAMPLING METHOD	Cuttings
LOGGED BY	A. Scott Yankey	WATER LEVEL AFTER 0.5 HRS.	11.0'

DEPTH IN FEET BELOW G.S.	SAMPLE DESCRIPTION	NOTES
0.0 - 0.5	Brn. sl. TOPSOIL.	
0.5 - 1.0	Weath. asphalt and gravel sub-base.	
1.0 - 2.5	Brn. sa. SILT w/sctrd. grav. and brick frags.	
2.5 - 3.1	Brn. to blk. sa. cl. SILT w/sctrd. grav.	
3.1 - 11.5	Gray sl. sa. sl. CLAY w/brn. mottling, sctrd. grav., stiff.	Wood fragment at 6.5 ft.
11.5 - 12.5	As above, increased fn-crs sand.	No odor or visual contamination throughout boring
	E.O.B. 12.5 ft.	

Appendix B
Sanborn Maps and Aerial Photographs

Rogers Park Main Parcel
Site Investigation Report for the Main Parcel

Prepared October 2001

Appendix C
Soil Boring and Soil Probe Logs

Rogers Park Main Parcel
Site Investigation Report for the Main Parcel

Prepared October 2001

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main & Pond	27194	RPM-SB24
Ground Elevation	**Location**	**Page**
NA		1 of 2
Air Monitoring Equipment		**Total Footage**
MiniRAE		19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	3			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	

Date 5-1-01	To 5-1-01	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
	Asphalt								0	
	FILL, dark brown sand, dry, with concrete fragments and gravel					001 @ 1040				
1				0.5/ 3					0	
2									0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, some sand and gravel, low plasticity								0	
4						002 @ 1050			0	
5				4/ 4					0	
6						003 @ 1100			0	
7	SILTY CLAY, (CL), brown, moist, soft, trace sand and gravel, medium plasticity								0	
8									0	
9				3/ 4					0	
10	As above, wet								0	
11	SILTY CLAY, (CH), brown, saturated, soft, trace sand and gravel, highly plastic								0	
12									0	
13				1/ 4					0	
14										

ENVIRONMENTAL LOG MAINPOND.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log, continued

Boring Number	RPM-SB24
Project Name	Peoples-Rogers Park Main & Pond
Page	2 of 2
Project Number	27194
Date	5-1-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CH), brown, saturated, soft, trace sand and gravel, highly plastic								0	
15	SILTY CLAY, (CH), brown, saturated, very soft, some sand and gravel, medium plasticity								0	
16									0	
17				0.5/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main & Pond	27194	RPM-SB25
Ground Elevation	**Location**	**Page**
NA		1 of 2
Air Monitoring Equipment		**Total Footage**
MiniRAE		19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	2			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	

Date 5-1-01	To 5-1-01	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
	Asphalt								0	
	FILL, concrete fragments and gravel									
1				2/ 3					0	
2	SANDY CLAY, (SC), brown, dry, dense, some gravel					001 @ 1130			0	
3									0	
4									0	
5	Brick fragments at 5' (3")			3/ 4					0	
6	SILTY CLAY, (CL), gray brown, moist, stiff, some sand and gravel, medium plasticity					002 @ 1140			0	
7									0	
8									0	
9	As above, wet			3/ 4					0	
10									0	
11	SILTY CLAY, (CL), gray brown, saturated, soft, trace sand and gravel, medium plasticity								0	
12									0	
13				1/ 4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB25
Project Name	Peoples-Rogers Park Main & Pond
Page	2 of 2
Project Number	27194
Date	5-1-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), gray brown, saturated, soft, trace sand and gravel, medium plasticity								0	
15									0	
16									0	
17				3/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB32
Ground Elevation: NA	Location:	Page: 1 of 2
Air Monitoring Equipment: MiniRAE		Total Footage: 19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	3			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	
Date 5-2-01	To 5-2-01	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
	Asphalt								0	
	Concrete fragments									
1	SILTY CLAY, (CL), dark gray, dry, stiff, trace sand and gravel, low plasticity			3/3		001 @ 1100			0	
2						002 @ 1115			0	
3	SILTY CLAY, (CL), brown, dry, stiff, some sand and gravel, low plasticity								0	
4						003 @ 1120			0	
5				4/4					0	
6									0	
7	SILTY CLAY, (CL), gray brown, dry, stiff, some sand and gravel, low plasticity								0	
8									0	
9				4/4					0	
10	SILTY CLAY, (CL), gray brown, moist, soft, trace sand and gravel, medium plasticity								0	
11									0	
12	As above, wet								0	
13				3/4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB32
Project Name	Peoples-Rogers Park Main
Page	2 of 2
Project Number	27194
Date	5-2-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), gray brown, moist, soft, trace sand and gravel, medium plasticity								0	
15	SILTY CLAY, (CL), dark gray, moist, soft, trace sand and gravel, medium plasticity								0	
16									0	
17				4/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB33
Ground Elevation	**Location**	**Page**
NA		1 of 2
Air Monitoring Equipment		**Total Footage**
MiniRAE		19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	4			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	

Date	To	Field Observer (s)	Reviewed By:
5-2-01	5-2-01	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
	Asphalt								0	
	Concrete fragments									
1	SILTY CLAY, (CL), dark brown, dry, stiff, some sand and gravel, low plasticity			3/3		001 @ 0830			0	
2						002 @ 0835			0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, trace sand and gravel, low plasticity								0	
4						003 @ 0840			0	
5				4/4					0	
6									0	
7	As above, medium plasticity								0	
8						004 @ 0845			0	
9				3/4					0	
10									0	
11	SILTY CLAY, (CL), brown gray, moist, soft, trace sand and gravel, medium plasticity								0	
12									0	
13				4/4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB33
Project Name	Peoples-Rogers Park Main
Page	2 of 2
Project Number	27194
Date	5-2-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), brown gray, moist, soft, trace sand and gravel, medium plasticity								0	
15	As above, highly plastic								0	
16									0	
17				4/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB34
Ground Elevation	**Location**	**Page**
NA		1 of 1
Air Monitoring Equipment		**Total Footage**
MiniRAE		13

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	13	0	1			

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
	Asphalt								0	
	Concrete fragments and gravel									
1									0	
				1/ 3						
2									0	
3	SILTY CLAY, (CL), brown, dry, medium stiff, trace gravel, highly plastic								0	
4									0	
5				2/ 4					0	
6						001 @ 0850			0	
7	SILTY CLAY, (CL), brown, moist, soft, trace gravel, highly plastic								0	
8									0	
9				3/ 4					0	
10									0	
11	Attempted shelby tube 11'-13'. No sample.									
12				2/ 2						
13	End of boring									
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB39
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 9

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	9	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), dark brown, dry, stiff, some sand and gravel, low plasticity					001 @ 0850				
1				3/3					0	
2						002 @ 0855			0	
3	SILTY CLAY, (CL), brown, dry, stiff, trace sand and gravel, low plasticity								0	
4						003 @ 0900			0	
5				4/4					0	
6									0	
7	Shelby tube run at 7-9', 1' recovery					004 @ 0920				
8				1/2						
9	End of boring									
10										
11										
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB40
Ground Elevation: NA	Location:	Page: 1 of 2
Air Monitoring Equipment: MiniRAE		Total Footage: 19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	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	
	SILTY CLAY, (CL), dark brown, dry, stiff, some sand and gravel, medium plasticity					001 @ 1050				
1				3/3					0	
2						002 @ 1055			0	
3	No Recovery								0	
4										
5				0/4						
6										
7	SILTY CLAY, (CL), brown, moist, soft, trace gravel, highly plastic								0	
8						003 @ 1100			0	
9				4/4					0	
10									0	
11	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
12									0	
13				4/4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB40
Project Name	Peoples-Rogers Park Main
Page	2 of 2
Project Number	27194
Date	5-3-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
15	As above, very soft								0	
16									0	
17				4/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB41
Ground Elevation: NA	Location:	Page: 1 of 2
Air Monitoring Equipment: MiniRAE		Total Footage: 15

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	15	0	1			

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
	Asphalt								0	
	Concrete fragments and gravel								0	
1				1/ 3					0	
2									0	
3	SILTY CLAY, (CL), brown/light brown, dry, medium stiff, trace sand and gravel, low plasticity								0	
4						001 @ 1020			0	
5				3/ 4					0	
6									0	
7	No Recovery								0	
8									0	
9				0/ 4					0	
10									0	
11	SILTY CLAY, (CL), gray/light gray, moist, soft, medium plasticity								0	
12									0	
13				4/ 4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB41
Project Name	Peoples-Rogers Park Main
Page	2 of 2
Project Number	27194
Date	5-3-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), gray/light gray, moist, soft, medium plasticity								0	
15										
	End of boring									
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB42
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
	Asphalt								0	
	Concrete fragments									
1				2/3					0	
2	SILTY CLAY, (CL), dark brown, dry, stiff, with sand, low plasticity					001 @ 1340			0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace gravel, medium plasticity								0	
4						002 @ 1345			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										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB43
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	1			

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
	Asphalt								0	
	Concrete fragments									
1									0	
				1/ 3						
2									0	
3	SANDY CLAY, (CL), brown, dry, loose								0	
4									0	
				1/ 4						
5	SILTY CLAY, (CL), brown, moist, stiff, trace gravel, medium plasticity								0	
6						001 @ 1245			0	
7	SILTY CLAY, (CL), brown gray, moist, soft, trace gravel, medium plasticity								0	
8									0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB44
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:
5-3-01	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
	Asphalt								0	
	Concrete fragments									
1				2/3					0	
2	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity					001 @ 1230			1.1	
3									0	
4									0	
5				2/4					0	
6						002 @ 1240			0	
7	SILTY CLAY, (CL), gray, moist, soft, trace gravel, highly plastic								0	
8									0	
9				2/4					0	
10									0	
11	End of boring									
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB45
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	1			

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
	Asphalt								0	
	Concrete fragments									
1									0	
				1/ 3						
2									0	
3	SILTY CLAY, (CL), olive gray, dry, stiff, trace gravel, medium plasticity								0	
4						001 @ 1210			0	
5				3/ 4					0	
6									0	
7	As above								0	
8									0	
9				2/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB46
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:
5-3-01	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
	Asphalt								0	
	Concrete fragments									
1	SILTY CLAY, (CL), dark brown, dry, stiff, some sand and gravel, low plasticity			2/3		001 @ 1150			2.1	
2									0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace sand and gravel, low plasticity								0	
4									0	
5				4/4		002 @ 1200			0	
6									0	
7	SILTY CLAY (CL), brown, moist, soft, trace sand and gravel, medium plasticity								0	
8									0	
9				4/4					0	
10									0	
11	End of boring									
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB47
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	1			

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
	Asphalt								0	
	Concrete fragments									
1									0	
				2/3						
2									0	
3	SANDY CLAY, (CL), brown, moist, soft, trace gravel, medium plastic								0	
4									0	
5				3/4					0	
6	SAND, (SP), medium grain, brown, moist, dense					001 @ 1120			0	
7	SILTY CLAY, (CL), gray, wet, soft, trace gravel, medium plasticity								0	
8									0	
9				4/4					0	
10	SAND, (SP), medium grain, dark brown, wet, dense								0	
11	End of boring									
12										
13										
14										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB60
Ground Elevation	**Location**	**Page**
NA		1 of 2
Air Monitoring Equipment		**Total Footage**
MiniRAE		19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	2			

Drilling Company	EFS	Drillers (s)	Joe Miller
Drilling Rig	Hurricane	Type of Sampler	

Date 5-2-01	To 5-2-01	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
	Asphalt								0	
	Concrete fragments									
1									0	
				1/ 3						
2									0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, some sand and gravel, medium plasticity								0	
4						001 @ 1515			0	
5				4/ 4					0	
6						002 @ 1520			0	
7	SILTY CLAY, (CL), brown gray, moist, stiff, trace sand and gravel, medium plasticity								0	
8									0	
9				4/ 4					0	
10									0	
11	SILTY CLAY, (CL), gray, moist, soft, trace sand and gravel, medium plasticity								0	
12									0	
13				3/ 4					0	
14										

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Drilling Log, continued

Boring Number	RPM-SB60
Project Name	Peoples-Rogers Park Main
Page	2 of 2
Project Number	27194
Date	5-2-01

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig / Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	SILTY CLAY, (CL), gray, moist, soft, trace sand and gravel, medium plasticity								0	
15	As above								0	
16									0	
17				2/ 4					0	
18									0	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SP067
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	0			

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
	Asphalt								0	
	Concrete fragments									
1									0	
				2/ 3						
2	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity								0	
3	SILTY CLAY, (CL), brown gray, moist, stiff, trace gravel, low plasticity								0	
4									0	
5				4/ 4					0	
6									0	
7									0	
	As above									
8	SILTY CLAY, (CL), gray, moist, stiff, trace gravel, medium plasticity								0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns &

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SP068
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	0			

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
	Asphalt								0	
	Concrete fragments									
1				2/ 3					0	
2	SILTY CLAY, (CL), brown, dry, stiff, trace gravel, low plasticity								0	
3	SILTY CLAY, (CL), brown gray, moist stiff, trace gravel, low plasticity								0	
4									0	
5				4/ 4					0	
6									0	
7	As above SAND at 7.5' (3")								0	
8	SILTY CLAY, (CL), gray, moist, stiff, trace sand and gravel, medium plasticity								0	
9				4/ 4					0	
10									0	
11	End of boring									
12										
13										
14										

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB76
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	2			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	No Recovery									
1							0			
2				2/4			0			
3							0			
	CLAY, black; gravel/sand intermixed									Dry to moist
4	CLAY, gray; some sand/gravel (small pieces); some brown clay intermixed					001	0			
5							0			
6				4/4			0			
7						002	0			Dry to moist
8							0			
	Same as above									
9							0			
10				3.5/4			0			
11							0			
12										
	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB77
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	2			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	CLAY, gray; gravel intermixed			2/4			0			Dry
2							0			
3	SAND, brown; some black/brown clay intermixed					001	0			Dry to moist
4	No Recovery			0/4						
5										
6										
7										
8	SAND, brown						0			Saturated
9						002	0			
10	CLAY, brown; some gray clay			4/4			0			Saturated
11	CLAY, gray; some brown clay						0			Moist
12	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB78
Ground Elevation	**Location**	**Page**
NA		1 of 1
Air Monitoring Equipment		**Total Footage**
MiniRAE		12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	2			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core

Date	6-14-01	To	Field Observer (s)	Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	GRAVEL; intermixed with brown clay									
1										Dry
2				1/ 4						
3										
	CLAY, brown/black									Dry
4	CLAY, gray/black; brown sandy clay mixed throughout					001	0			
5							0			Dry
6				4/ 4			0			
7						002	0			
8	CLAY, black									Dry
	CLAY, brown/gray									
9										Dry
10				4/ 4						Moist
	Same as above									
11										
12	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB79
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	2			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	CLAY, gray/brown; gravel/sand intermixed						0			Dry
2				2.5/ 4			0			
3						001	0			
4	CLAY, gray; with gravel						0			Moist to wet
5							0			
6	CLAY, gray/black			3.5/ 4			0			Moist
7						002	0			
8	Same as above						0			
9	CLAY, gray/brown; some black coloring						0			Moist to wet
10				3/ 4			0			
11							0			
12	End of Boring									
13										
14										

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB80
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	1			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1							0			
2	CLAY, brown; some gravel/sand			2/4			0			Dry
3	CLAY, gray/brown; some gravel					001	0			Dry
4	No Recovery						0			
5	Gravely CLAY, gray						0			Saturated
6				3/4			0			
7							0			
8	No Recovery; all water									Water
9										
10				0/4						
11										
12	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB81
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	1			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1										
2	GRAVEL			2.5/ 4						
3	CLAY, gray/black; some gravel					001	0			
4	CLAY, gray; some sand						0			Saturated
5							0			
6				2.5/ 4			0			
7	CLAY, black/gray; some sand/gravel (small pieces)					002	0			Moist
8	GRAVEL/SAND; some clay						0			
9							0			
10	CLAY, gray			4/ 4			0			Dry to moist
11							0			
12	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB82
Ground Elevation	**Location**	**Page**
NA		1 of 1
Air Monitoring Equipment		**Total Footage**
MiniRAE		12

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	0	1			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	Tracking	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Kim Nichols	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	No Recovery									
2				1.5/ 4						
	GRAVEL									
3	SAND, brown; some gravel									Dry
4	No Recovery						0			
5							0			
	SAND, some gravel									
6				2.5/ 4			0			
7	CLAY, brown; some sand					001	0.5			Saturated to moist
8	Same as above but super saturated						0			Super Saturated
9							0			
10	Silty CLAY, brown			4/ 4			0			Saturated
11							0			
	CLAY, gray/brown									Moist to dry
12	End of Boring									
13										
14										

ENVIRONMENTAL LOG LOG1_01.GPJ BURNS_MO.GDT 8/20/01

Burns & McDonnell SINCE 1898

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Main	27194	RPM-SB83
Ground Elevation: NA	Location:	Page: 1 of 1
Air Monitoring Equipment: MiniRAE		Total Footage: 10

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	12	-2	1			

Drilling Company	Mid-America	Drillers (s)	Brant/Jeremy
Drilling Rig	GeoProbe	Type of Sampler	4' Macro-Core
Date 6-14-01	To	Field Observer (s) Diane Saftic	Reviewed By:

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	No Recovery									
2				1.5/ 4			0			
	CLAY, dark gray; some gravel on top									Moist
3						001 @ 1100	0			
4	CLAY, light brown; small red brick						0			Moist
	CLAY, dark brown/black									
5										Moist
	CLAY, light brown			4/ 4						
6										Moist
7	CLAY, gray					002 @ 1110				Moist
	CLAY, light brown									
8	No Recovery									Moist
9	CLAY, light brown; some gravel			1/ 2						Saturated
10	End of Boring									
11										
12										
13										
14										

Burns & McDonnell SINCE 1898

LOG OF BORING B-06

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/13/00	Weston Geologist	: Rich Lounsbury
Date Finished	: 7/13/00	Total Depth (ft)	: 20
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: 82' East of West Fence
Driller Name	: Mark Natali		: 22' South of North Fence

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0–1		FL	Dark grayish brown silty clay (top 6") with 1" fine zone (trace silt) at 6" bgs.		2 2 4 4	18	0.0	
1–2		CL	Bottom clay and silt, moist, no odor, possibly disturbed.					
2–3		CL	Undisturbed gray reddish brown mottled clay, some silt, little sand. Trace coarse sand (firm, damp, no odor)		2 3 3 5	18	0.0	
4–5		CL	Mottled as above with fractures; moist		3 6 8 9	24	0.0	
6		SM	Brown silt and fine sand (some wetness, no odor, soft)	☒	1 3 3 2			
7–8		CL	Clay/silt as above, less mottled. Trace wetness on outside. No odor, trace sand on diaongal fracture.			24	0.0	
8–9		CL	As above tan/gray trace sand and fracture at 9' (diagonal); more compacted.		1 3 3 3	24	0.0	
10–11		CL	As above but softer and trace wetness on outside.		1 2 3 3	24	0.0	
12–13		CL	As above with trace fine gravel		1 3 5 6	24	0.0	
14–15		CL	As above		1 2 2 3	24	0.0	
16–17		CL	As above, softer thruout, wet outside moist inside (no odor)		1 1 1 1	24	0.0	
18–19		CL	A bove more moist.		1 1 1 1	24	0.0	
20			EOB @ 20'					
21–25								

Notes: 1) Backfilled with cuttings.
2) Soil sample collected 6-8 ft. bgs.
3) No evidence of impact.

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07-24-2000

WESTON
MANAGERS DESIGNERS/CONSULTANTS

LOG OF BORING B-07

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/13/00	Weston Geologist	: Rich Lounsbury
Date Finished	: 7/13/00	Total Depth (ft)	: 20
Drilling Method	: 3 25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: 10' East of West Fence
Driller Name	: Mark Natali		: 18' South of North Fence

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0		ML	Top 6" Dark brown silt (topsoil) (damp)		2 2 3 4	18	0.3	
1		CL	Dark brown/dark gray silt and clay. Increasingly clay near bottom. Damp, no odor, apprears undisturbed. Trace Wood.		0 2 2 4	18	0.3	
2		CL	Mottled gray and reddish brown clay. Some silt and trace coarse sand, rootlets, and fractures. Firm-soft, no odor, damp-moist.		4 6 7	24	0.3	
3		CL	As above with trace fine gravel and more compacted.		7 2 2 3 3	18	1.1	
4		CL	As above but mostly gray with trace red mottled.		1 2 3 4	24	2.7	
5		CL	As above with trace wetness on outside. Trace fracturesand wetness on fractures (no odor).		1 2 2 4	24	25	
6		CL	As above but all gray softer with no fractures. Mosit-damp, slight old VOC odor.		1 3 4 6	24	21	
7		CL	As above- softer (stickey) Slight odor, moist		5 6 7	24	0.0	
8		CL	As above to 15.5'		5 1 2 1	24	0.0	
9		SP	Dark gray medium to coarse sand (wet, soft, no odors)		2 1 1 1 1	24	NA	
10		CL	Gray clay, some/little silt (dark, soft, moist, no odor)					
11		CL	As above- some silt, softer, wetness on outside. No odors					
12			EOB @ 20'					
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

Notes: 1) NR indicates no response
2) Soil samples collected 10-12 ft bgs and 14-15 ft bgs

07-24-2000 K:\PEOPLESE\ROGERSPA\B07.BOR

LOG OF BORING B-08

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started : 7/14/00
Date Finished : 7/14/00
Drilling Method : Hand Auger
Weston Geologist : Todd Carmichael
Total Depth (ft) : 7

Borehole Diameter (in) : 3
Boring Location : West of Former Fogger : Building

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Percent Recovery	PID (ppm)	Illumination Ultra Violet
0		FL	4" Asphalt 6" Loose small gravel Large stone road base to 2'				
		CL	6" Dark silty clay Dark Olive mottled silty clay, moist to 4'	X	100%	3.2	
4		CL	Dark olive mottled silty clay, moist		100%	4.3	
		CL	Hard dark olive mottled silty clay, moist		100%	4.3	
			EOB @ 7'				
8							

Notes: 1) NR indicates no response
2) Soil sample collected 2-4' ft bgs
3) "+" indicaes a positive Ultra Violet Illumination reading

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08-25-2000

LOG OF BORING B-10

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy Rogers Park Sub-Shop 6659 N. Kedzie Avenue	Date Started	: 7/13/00	Weston Geologist : Rich Lounsbury
	Date Finished	: 7/13/00	Total Depth (ft) : 12
	Drilling Method	: 3.25" ID HSA	Borehole Diameter (in) : 6
Chicago, IL	Drilling Company	: CS Drilling	Boring Location : 125' South of Gas Holder
WO #: 10512-004-004	Driller Name	: Mark Natali	

Sample Condition

☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0		FL	Asphalt		5			
		FL	Crushed gravel to 1' bgs		4	12"	0.3	
1		CL	Dark brown clay, some silt (firm, dry, possible odors)		3			
			Note: Augured 6" before spooning to keep out asphalt		4			
2		CL	As above, still dry. Possible odor but no PID readings, becoming gray near bottom.		2			
					3	18"	0.3	
3					3			
					3			
4		CL	As above, but color now mottled gray and reddish brown, trace coarse sand and fine gravel, damp, no odor.		3			
					3	24"	0.3	
5					3			
					3			
6		CL	As above but more compacted with trace rootlets.		1			
					3	24"	3.5	
7					2			
					3			
8		CL	As above		1			
					2	24"	1.1	
9					3			
					3			
10		CL	As above					
11							1.9	
12			EOB @ 12'					
13								
14								

Notes: 1) Backfilled with cuttings
2) Sampled highest OVM reading

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07-25-2000

LOG OF BORING B-11

WESTON — MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/12/00	Weston Geologist	: Todd Carmichael
Date Finished	: 7/12/00	Total Depth (ft)	: 12
Drilling Method	: Geoprobe	Borehole Diameter (in)	: 3
Drilling Company	: Roy F Weston	Boring Location	: North of former Gas Holder
Driller Name	: Mike Ondrachek		

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Percent Recovery	PID (ppm)	Illumination Ultra Violet
0		FL	0-2' No recovery. Multiple refusal. Rock bit used to 2'				
			Dry hard brown gray mottled silty clay		50%	5.2	
		CL					
4				☒			
		CL	Soft silty clay saturated				
		CL	Stiff Gray mottled silty clay		100%	3.0	
8		CL	Silty gray clay, less mottled Softer at 10'		100%	2.2	
12			EOB @ 12' No staining or odor				
16							

Notes: 1) NR indicates no response
2) Soil sample collected 4-5 ft bgs
3) "+" indicaes a positive Ultra Violet Illumination reading

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07-18-2000

LOG OF BORING B-12

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/12/00	Weston Geologist	: Todd Carmichael
Date Finished	: 7/12/00	Total Depth (ft)	: 16
Drilling Method	: Geoprobe	Borehole Diameter (in)	: 3
Drilling Company	: Roy F Weston	Boring Location	: East Side of Former
Driller Name	: Mike Ondrachek		: Gas Holder

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Percent Recovery	PID (ppm)	Illumination Ultra Violet
0		FL	4" asphalt then solid wood. Odor last 1'.		50%	7.5	+
4		SW	Black brown stained sand		100%	9.7	+
		CL	Olive green silty clay, moist to wet				
		CL	Dark brown/black silty clay, stained Moist to wet.		100%	10.5	+
8		ML	Black stained wet silt, odor UV indicates presence of tar.	☒	100%	6.7	+
		SM	6" Green silty sand, dry				
		CL	Olive green moist silty clay. Tar odor and staining at bottom.				
12		CL	Silty clay as above to 13' then Saturated Silty Clayey Sand Visual oil globs (Suspect from above)				
		CL	Silty Clay Medium to Stiff	☒	100%	6.0	
16			EOB @ 16'				
20							

Notes: 1) NR indicates no response
2) Soil sample collected 8-10 ft bgs and 15-16 ft bgs
3) "+" indicaes a positive Ultra Violet Illumination reading

07-18-2000 K:\PEOPLESE\ROGERSPA\B12.BOR

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LOG OF BORING B-15

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/13/00	Weston Geologist	: Kevin Axe
Date Finished	: 7/13/00	Total Depth (ft)	: 12
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: 82' East of West Fence
Driller Name	: Mark Natali		: 22' South of North Fence

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0		FL	Asphalt, sub-base					
1		FL	Slab loose, gravel fill gray black			50%		
2		CL	Gray/brown silty clay, moderatly plastic; trace gravel nodules		2 2 3 3	50%	1.11	
3								
4		CL	As above		2 2 3 5	100%	1.1	
5								
6		CL	Silty clay as above to 7.5' Tar mixed in clay seams	☒	2 4 5 8	100%	10.9	+
7								
8		CL	Silty clay, tar not present after 8.0'		2 2 3 4	100%	2.7	
9								
10		CL	As above increase plastic, no visible tar or contaimination	☒	1 2 3 3	100%	1.1	
11								
12			EOB @ 12'					
13								
14								
15								

Notes: 1) Backfilled hole with bentonite chips
2) Soil Samples collected @ 7-8' and 11-12'
3) "+" indicates the Ultraviolet Illumination

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08-25-2000

LOG OF BORING B-17

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/13/00	Weston Geologist	: Kevin Axe
Date Finished	: 7/13/00	Total Depth (ft)	: 9.5
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	:
Driller Name	: Mark Natali		

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0–1		FL	Asphalt/ sub base			24"	1.1	
2–3		CL	Gray black silty clay Trace Sand and gravel modules, tary odor		1 2 1 2	24"	<1	
4–5		CL	As above silty clay with strong tar odor		1 1 2 3	24"	14.7	
6–7		SM	Silty clay with silty sand lense at 7-8' visible tar		1 1	24"	72.8	
7–8		CL	Silty clay with sand Tar in seam and nodules Brown/Black		1 1			
8–9		CL	Concrete Pad Base		1 2 3	24"		
9–10			EOB @ 9.5'		50/0			

Notes: 1)

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LOG OF BORING B-19

WESTON MANAGERS DESIGNERS/CONSULTANTS

Peoples Energy
Rogers Park Sub-Shop
6659 N. Kedzie Avenue
Chicago, IL
WO #: 10512-004-004

Date Started	: 7/14/00	Weston Geologist	: Rich Lounsbury
Date Finished	: 7/14/00	Total Depth (ft)	: 14
Drilling Method	: 3.25" ID HSA	Borehole Diameter (in)	: 6
Drilling Company	: CS Drilling	Boring Location	: 7.5' East of West Fence
Driller Name	: Mark Natali		: 65' North of South Fence

Sample Condition
☒ Soil Sample Collected For Analysis

Depth in feet	GRAPHIC	USCS	DESCRIPTION	Samples	Blow Count	Recovery (in)	PID (ppm)	Ultra Violet Illumination
0–2		FL	Aspahlt 2" Fine to medium gravel fill (Limestone, wet, at tip, no odors or stains) Wet at 2.5'		6, 7, 7, 2	18"	1.1	
2–3		CL	Gray clay, some silt (bottom foot wet and stained with tar/oil odor, firmer	☒	2, 2, 2	24"	147	
3–4		CL		☒	26			
4–5		CL	Clay as above, no tar/oil, possibly slight odor and discoloration moist and softer, mottled.		2, 2, 2, 3	24"	2.6	
6–7		CL	As above, but very wet on spoon and outside of sample. No odors, possible discoloration.		1, 2, 3, 3	24"	1.1	
8–9		CL	As above.	☒	1, 2, 2, 4	24"	1.8	
10–11		CL	As above.		1, 2, 2, 3	24"	1.1	
12–13		CL	As above.		2, 2, 3, 3		1.1	
14			EOB @ 14'					

Notes: 1) Tar/Oil from 3-4'
2) Large ammount of perched groundwater
3) Does not appear impacted below 4' based on visual and OVM readings.
4) Backfilled with bentonite chips (Enviroplug) 4 bags (50 lbs)

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SECTION 4
POTENTIAL IMPACTS

POTENTIAL OFF-SITE IMPACTS TO SITE

The Environmental Risk Information Center (ERIC) provides information on facilities which are listed in one or more of the following regulatory databases: Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Resource Conservation and Recovery Act (RCRA), Illinois RCRA, merged Illinois and U.S. RCRA, and the Toxic Release Inventory (TRI). In addition to the ERIC reports, a list of leaking underground storage tanks (LUST) in the vicinity of the site was obtained from the IEPA. Each database is further described below.

The CERCLIS is a database containing information on companies or individuals which own or operate a facility that may contain hazardous waste. The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, often referred to as Superfund, enabled the U.S. Environmental Protection Agency (USEPA) to investigate facilities where hazardous wastes may have been abandoned. These facilities were operational before passage of the Resource Conservation and Recovery Act. Site investigations conducted by the USEPA are used to determine whether a facility will be placed on the National Priority List (NPL) for cleanup. The facilities listed in the ERIC report show the name and address of the facility, owner, the NPL status, and any specific comments from the USEPA on the facility.

The RCRA and state RCRA databases provide information on registered generators or owners of hazardous waste treatment, storage, and disposal facilities. The ERIC report indicates the owner and operator of a facility, address, classification of wastes at the facility, permit status, mode of transportation for removal of the waste, and any comments by the USEPA or IEPA.

The merged RCRA and state RCRA database contains information on those facilities which are listed by both the USEPA and the IEPA. This database provides information such as

the property owner's name and address, amount of hazardous waste generated, hazardous waste classification, and USEPA comments on the facility.

The TRI database provides information on facilities which are out of compliance on the amounts of chemicals stored on site and where reportable quantities of chemicals have spilled. Facilities with large quantities of chemicals on site pose a potential threat to the public and/or the environment if a fire, explosion, or spill occurs. The ERIC report includes the estimated annual release of toxic chemicals to the air, water, or land, the maximum amount stored on site, the methods used for waste treatment, and data on the transfer of toxic chemicals off site.

HEI requested information on those facilities in the above databases within a one mile radius of the North Shore Avenue Station site. Those facilities were plotted on a location map (Figure 4.1) showing the North Shore Avenue Station site at the center. The facilities are plotted based on zip codes. If a zip code was not listed or an address was incorrect, then the facility was not plotted on Figure 4.1. The ERIC report includes information on these unplotted facilities if it cannot be demonstrated that the facility lies outside the one mile radius. Therefore, some facilities which are not on Figure 4.1 may be within one mile of the site.

The ERIC report for the North Shore Avenue Station site identified 2 CERCLIS, 11 RCRA, 16 Illinois RCRA, 31 merged RCRA and Illinois RCRA, and 3 TRI facilities within a one mile radius of the site. One merged federal and state RCRA facility is located immediately north of the North Shore Avenue Station site. Clare CP Corporation (Map ID 1657) is operated by General Instrument and is classified as a large quantity generator producing more than 1,000 kg of hazardous wastes or 1 kg of acutely hazardous waste per month. Bell & Howell Company (Map ID 205) is a TRI facility with a waste stream containing trichloroethane. No release is listed in the ERIC Report.

One CERCLIS, 6 RCRA, 14 merged federal and state RCRA, and 8 Illinois RCRA facilities were not plotted on Figure 4.1. The CERCLIS facility is not on the NPL, although it is classified as possibly requiring further action by the USEPA, according to the ERIC Report