314346

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

Peoples Gas currently owns a 16.2-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 Pond Parcel, approximately 1.8 acres, is located at the western portion of the facility and is the subject of the investigation described in this SI report. The Pond Parcel is currently a vacant lot, covered by vegetation along the south and by an asphalt parking lot along the north.

A large portion of a 15,000,000 cubic foot above ground gas holder and other process equipment, including tar tanks, a tar dam, and a pump weir, formerly occupied a portion of the Pond Parcel. These structures were reportedly dismantled in 1971. Evidence of the outer foundation for the gas holder structure is still visible at the Pond Parcel.

SI field activities were performed by Roy F. Weston (Weston) in December 1999 and January 2000, and by Burns & McDonnell on May 1 through 4, 2001 and June 14-15 and 22, 2001, in accordance with Illinois EPA approved procedures. Weston advanced six (6) borings in the area and one (1) surficial soil sample was collected. During the Burns & McDonnell investigation, nineteen (19) soil borings and six (6) probes were advanced at various locations around the site, each to a depth of twenty (20) feet below ground surface (bgs). Soil samples were collected from various depths within each soil boring, delivered to an analytical laboratory and analyzed for either Target Compound List (TCL) volatile organic compounds (VOCs), benzene, toluene, ethylbenzene, and xylenes (BTEX), styrene, TCL semivolatile organic compounds (SVOCs), 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 SPLP chromium. Physical soil testing was also conducted. Four groundwater monitoring wells were installed in the surrounding areas as part of the Weston field investigation. One (1) well was installed inside the Pond Parcel as part of the Burns & McDonnell field investigation. Groundwater samples were collected from five (5) monitoring wells on June 22, 2001. A total of five (5) groundwater samples were collected and analyzed for TCL VOCs, PAHs, RCRA metals, and total cyanide.

The following stratigraphic units, listed in descending order, were identified at the site: fill and silt/clay units. The fill consisted primarily of silt and sand with smaller amounts of clay, gravel, 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 SI field activities, odors and visual staining were noted at the following locations, RPM-SB30, RPM-SB61, RPM-SP062, RPM-SP064, B-18, RPM-SB29A, and B-15. Source material was identified at these locations within the Pond Parcel during the SI**.** Shallow groundwater was encountered in twelve (12) borings inside of the Pond Parcel at depths ranging from seven (7) to sixteen (16) feet below ground surface (bgs). Subsurface investigations support the presence of shallow perched groundwater.

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 residential population exposures via the soil ingestion, soil inhalation, soil migration to Class II groundwater, and ingestion of Class II groundwater pathways. In general, exceedences of Tier 1 screening values for soil ingestion were identified in near surface soils (typically within the top foot and in limited cases, as deep as 3 feet) for benzene, a limited list of SVOC constituents, arsenic, and lead. However, arsenic was shown to be statistically below the Metropolitan Statistical Area (MSA) background value for that constituent, and therefore, is not a concern at the site. Exceedences of Tier 1 screening values for chromium for the soil migration to groundwater pathway were identified in limited shallow soil samples. Benzene was the only VOC constituent to exceed the Tier 1 soil screening values for the soil inhalation exposure route. This exceedence was in the limited source area identified as part of this investigation. No groundwater samples exceeded the Tier 1 screening levels for the ingestion of Class II groundwater exposure pathway.

The overall objective of the SI was to evaluate surface soil and subsurface soil and identify potential constituents of concern within the subsurface. Areas of the site that exceed Tier I screening levels and areas of source material will be further evaluated in a forthcoming document, Remedial Objectives Report/ Remedial Action Plan (ROR/RAP).

1.0 SITE CHARACTERIZATION

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

Peoples Gas currently owns a 16.2-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 interior portion of the facility is referred to as the Main Parcel. The Main Parcel is currently used as the North District Sub-Shop for Natural Gas Service and Distribution activities by Peoples Gas. The East Parcel, a vacant lot, is covered by vegetation and an unused paved entrance to the property, and is approximately three (3) acres. The southern portion of the facility is referred to as the South Parcel. The Pond Parcel is located in the western portion of the site, just north of the South Parcel, and is approximately 1.8 acres. This SI Report addresses the Pond Parcel and specifically excludes the Main, East and South Parcels.

1.1 PAST INVESTIGATIONS AND SOURCES CONSULTED OR REVIEWED

The following document, prepared by others, was reviewed:

- *Preliminary Site Investigation – North Shore Avenue Station Gas Storage Facility – Chicago, Illinois* 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 16.2 acres (the Main, East, Pond and South 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 this SI report.

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.

According to the HEI Report, in 1926, the site (Main, East and Pond) began operating as the North Shore Avenue Station, a manufactured gas facility. A 15-million cubic foot aboveground gas holder, formerly located on the west side of the property, stored manufactured and natural gas until it was dismantled in 1971. (The southern half of the holder was formerly located in the Pond Parcel, with the remainder of the holder formerly located in the Main 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. At this time, 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. Also during the 1956 outage, additional tar totaling 152,600 gallons was removed from the base of the gas holder and unspecified locations around the gas holder. The gas holder was disconnected and purged in 1969. Most tar tanks along the holder and the gas holder were removed in 1971. Specifications called for the removal of the gas holder and concrete pad, the settling tank, both oil tanks and 7 of 13 tar collection tanks from the property. It is unclear, from the historical records, what happened with the other 6 tar collection 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 Pond 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 Pond 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 Pond Parcel is depicted as unimproved land. The surrounding area to the north 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 Pond 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 Pond 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 Pond Parcel (the South Parcel) appears to be developed with several small structures along the northwest 1/3. The Pond Parcel and the area to the north are developed with a circular structure resembling a gas holder. Pictured to the northeast of the gas holder (on the Main Parcel) is a structure resembling the current office/storage building on the site. The surrounding area to the west is pictured as unimproved land with the North Shore Canal running north and south. The surrounding area

to the south is pictured as undeveloped residential blocks. The surrounding area to the east of the Pond Parcel appears to be a residential development.

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

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

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

1.3 SITE DESCRIPTION

1.3.1 Site Location and Legal Description

The Pond Parcel is located approximately 1,000 feet northeast of the intersection of Albion Avenue and Kedzie Avenue in Cook County, Chicago, Illinois (Figure 2). The site is a rectangular shape, approximately 240 feet by 320 feet. The site is approximately 1.8 acres in size. A survey of the Pond Parcel had not been completed at the time of this publication, therefore, the legal description will be included in the forthcoming Remediation Objectives Report/Remedial Action Plan (ROR/RAP/RACR).

1.3.2 Site Physiography and Topography

The Pond Parcel is bounded to the north by the Peoples Gas Main Parcel which is bounded to the north by industrial-commercial (a former Dominick's Food Store) and residential property, to the west by Kedzie Avenue, to the south by the South Parcel of the Rogers Park Sub-Shop property, which is vacant, and to the east by the Main and East Parcel and Wipple Street (Figure 2). The Pond Parcel is located in Section 36 of Township 41 North, Range 13E. Presently, the Pond Parcel is vacant land and covered with vegetation. The entire Rogers Park Sub Shop property, including the Pond Parcel, 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 to be evaluated 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. Since the site is partially covered with vegetation, all three Illinois EPA

exposure routes pertaining to soil (ingestion, inhalation, and soil migration to groundwater) will be evaluated. The groundwater ingestion exposure route (Class II) will also be evaluated.

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 installation of potable water wells 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 Pond Parcel is currently vacant land and a closed parking area, and is zoned M1-1, restricted manufacturing. A map of zoning for the site and surrounding areas is presented in Figure 3. Surrounding properties consist of residences to the east and south, undeveloped land and the North Shore Channel to the west and industrial and commercial businesses to the north. The Chicago City limits are located directly west of the Main Parcel, beyond Kedzie Avenue. Note that a Dominick's grocery store to the north of the Peoples Gas Main Parcel was recently vacated. Buildings to the north of the Main Parcel (formerly owned by CP Clare), have recently been demolished.

1.3.7 Future Use of the Site and Surrounding Areas

The Pond Parcel is currently vacant land. The future use of the Pond Parcel is residential development. 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 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 results of physical soil testing.

2.1 SOIL SAMPLING PROCEDURES

Weston advanced six (6) soil borings and collected a surficial soil sample at one other location. Nineteen (19) soil borings and six (6) soil probes were advanced during the Burns & McDonnell field investigation. The majority of the borings/probes were advanced to a depth of twenty (20) feet bgs. Figure 4 shows the soil boring/probe locations. Surface and subsurface soil samples were collected from boring/probe locations using direct push sampling equipment. Boring/probe 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 a special waste.

A stainless steel knife was used to facilitate sample collection from each acetate liner. Surface vegetation and/or carryover material from previous sampling intervals was 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 semivolatile organic compounds (SVOCs), and priority pollutant metals. Based on the results of this investigation, the Burns & McDonnell analyses focused on manufactured gas plant (MGP) related constituents of concern. The analyses included benzene, toluene, ethylbenzene, and xylenes (BTEX), styrene, polynuclear aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals, total cyanide, Synthetic Precipitate Leaching Procedure (SPLP) lead and chromium and physical properties. A summary of surface soil samples collected and analyzed is presented in Table 1. A summary of subsurface samples and analyses is presented in Table 2. Soil samples analyzed for VOCs (or BTEX and styrene) 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 and SVOCs/PAHs were collected after collecting VOC/BTEX 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/probe log forms (Appendix B). Field classification noted principal and minor constituents, observed moisture (if any), soil color, soil texture and PID readings. Soil probes RPM-SP062 through RPM-SP066 and RPM-SP069 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 probing activities, approximate locations were measured from benchmarks such as the fence and existing buildings and structures. Soil probe holes were backfilled to the ground surface with bentonite chips.

2.2 SURFACE SOIL INVESTIGATION

Twenty-seven (27) surface soil samples were collected from soil borings RPM-SB21, RPM-SB22, RPM-SB23, RPM-SB24, RPM-SB25, RPM-SB26, RPM-SB27, RPM-SB28, RPM-SB29, RPM-SB29A, RPM-SB30, RPM-SB31, and RPM-SB61 to characterize surface conditions at the site. Samples were obtained from within the upper three (3) feet of the soil horizon. Weston collected two (2) surface soil samples, including one (1) duplicate, at SS-12. Therefore, a total of twenty-nine (29) surface soil samples were collected. Figure 4 presents soil boring/probe locations and shows the distribution of the borings/probes on an approximate grid within the Pond 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 thirteen (13) boring locations, with a total of twenty-seven (27) surface soil samples collected during the field activities (with an additional two (2) surface soil samples collected by Weston). Specifically, two (2) surficial soil samples were collected and analyzed from the 0 to 0.5 foot depth interval, three (3) soil samples were collected and analyzed from the 0.5 to 1.0 foot depth interval, four (4) soil samples were collected and analyzed from the 0 to 1.0 foot depth interval, two (2) soil samples were collected and analyzed from the 0 to 2.0 foot depth interval, six (6) samples were collected and analyzed from the 1.0 to 2.0 foot depth interval, and twelve (12) samples were collected and analyzed from the 2.0 to 3.0 foot depth interval.

2.2.2 Chemical Analyses

Table 1 presents the surface soil laboratory analyses and corresponding sample depths from the Burns & McDonnell and Weston investigations. Twenty-seven (27) of the twenty-nine (29) surface soil samples were analyzed for the presence of BTEX, styrene, PAHs, RCRA metals, and cyanide. Two (2) of the twenty-nine (29) surface soil samples were analyzed for TCL VOCs, TCL SVOCs, and Priority Pollutant Metals. Additionally, eleven (11) of the twenty-nine (29) surface soil samples were analyzed for SPLP lead and three (3) of the twenty-nine (29) samples were analyzed for SPLP chromium.

2.2.3 Physical Testing

Table 5 presents the tests performed on each soil sample and the depth of each sample. A surface soil sample for physical testing was not collected from the Pond Parcel. Physical laboratory tests were performed on the surface soil sample collected from RPM-SB58, located on the East Parcel. The soil sample was tested for soil pH, moisture content and percent organic matter. Note that while these samples were not collected directly from the Pond Parcel, the site soil, geology, and hydrogeology are consistent between the Parcels and should be representative.

2.3 SUBSURFACE SOIL INVESTIGATION

Twenty-one (21) subsurface soil samples were collected from soil boring locations RPM-SB21, RPM-SB22, RPM-SB23, RPM-SB24, RPM-SB25, RPM-SB26, RPM-SB27, RPM-SB28, RPM-SB29, RPM-SB29A, RPM-SB30, RPM-SB31, RPM-SB61, RPM-SB70, RPM-SB71, RPM-SB72, RPM-SB73, RPM-SB74, and RPM-SB75 to characterize subsurface conditions at the site. Weston collected eleven (11) subsurface soil samples, which included two (2) duplicates, from soil borings B-12, B-13, B-14, B-16, and B-18. Therefore, a total of thirty-two (32) subsurface soil samples were collected. Samples were obtained from 3 to 14 feet bgs. Figure 4 presents soil boring/probe locations and shows the distribution of the boring/probes on an approximate grid. Appendix B presents soil boring/probe log forms that summarize these observations. Tables 2 and 5 present the subsurface soil depths and associated chemical and physical test data, respectively. The following subsections describe sampling locations, depths and chemical and physical analyses performed on subsurface soil samples.

2.3.1 Subsurface Soil Sample Location and Depth

Thirty-two (32) subsurface soil samples were collected: one (1) from the 3.0 to 4.0 foot depth interval, one (1) from the 3.5 to 4.5 foot depth interval, two (2) from the 3.0 to 5.0 foot depth interval, one (1) from the 4.0 to 6.0 foot depth interval, five (5) from the 5.0 to 7.0 foot depth interval, eight (8) from the 6.0 to 8.0 foot depth interval, two (2) from the 7.0 to 8.0 foot depth interval, two (2) from the 7.0 to 9.0 foot depth interval, five (5) from the 8.0 to 10.0 foot depth interval, one (1) from the 9.0 to 11.0 foot depth interval, two (2) from the 10.0 to 12.0 foot depth interval, one (1) from the 12.0 to 14.0 foot depth interval, and one (1) from the 13.0 to 14.0 foot depth interval.

2.3.2 Chemical Analyses

Table 2 presents the chemical analyses performed on the subsurface samples. Nineteen (19) subsurface soil samples were analyzed for BTEX, styrene, PAHs, RCRA metals, and cyanide. Nine (9) subsurface soil samples were analyzed for TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP lead, and SPLP chromium. Two (2) samples were analyzed for BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP chromium. One (1) subsurface soil sample was analyzed for TCL SVOCs, priority pollutant metals, SPLP lead, and SPLP chromium. One (1) sample was analyzed for TCL VOCs only.

2.3.3 Physical Testing

Table 5 presents the physical test data results and corresponding sample depth. Subsurface soil samples collected from the Pond Parcel by Weston at B-13 (3.5 to 4.5 feet bgs), B-13 (13 to 14 feet bgs), B-16 (8 to 10 feet bgs), and B-16 (10 to 12 feet bgs) were tested for pH.

Two subsurface soil samples, RPM-SB30H and RPM-SB50, were collected from the Main and East Parcels. These subsurface soil samples were tested for pH, organic matter, and moisture content. Subsurface soil sample, RPM-SB39, was collected from the Main Parcel and was tested for moisture content, wet soil density, dry soil density, and hydraulic conductivity (permeability). Note that while these samples were not collected directly from the Pond Parcel, the site soil, geology, and hydrogeology are consistent between the Parcels and should be representative.

2.4 GROUNDWATER INVESTIGATION

Groundwater samples from five (5) existing monitoring wells in the vicinity of the Pond Parcel were collected by Burns & McDonnell in June 2001. The wells are located on the East, South, and Pond Parcels. Shallow groundwater in the area appears to be the results of perched conditions, and no continuous aquifer was observed. Limited pockets of sand that “pinched out” close to the wells were observed. Table 3 presents groundwater and well elevation data. The groundwater sampling event conducted in June 2001 is intended to represent shallow groundwater conditions on all of the Parcels. The locations of the wells with respect to the Pond 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 B contains copies of the soil boring/probe log forms. The following primary stratigraphic units, listed in descending order, were identified at the Pond Parcel: fill and silty clay units. The following subsections describe each of the stratigraphic units.

3.1.1 Fill Unit

The Pond Parcel contains 0 to 3.0 feet of fill material, primarily 0.5 to 2.0 feet of overlying topsoil. 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 twelve (12) borings, RPM-SB22, RPM-SB24, RPM-SB25, RPM-SB29A, RPM-SB70, RPM-SB71, RPM-SB72, RPM-SB73, RPM-SB74, RPM-SB75, B-12 and B-13, at depths ranging from 5 to 16 feet bgs. Due to the limited presence of water encountered, aquifer yield tests (slug or pump tests) were not performed. According to Weston, the static water level was approximately 8 to 10 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 RPM-SB29A, RPM-SB30, RPM-SB61, B-15, and B-18 within the Pond Parcel property boundary. Impacted material was observed at 2.0 to 12.0 foot depth interval at boring RPM-SB29A. At boring RPM-SB30, impacted material was observed at 2.0 to 9.0 feet bgs. Tar was observed at borings B-15 and B-18 at the 7.0 to 8.0 foot depth interval and 2.0 to 10.0 foot depth interval, respectively. At boring RPM-SB61, visual staining and strong odors were observed from 3 to 11 feet bgs with PID readings ranging from 0.3 parts per million (ppm) to

367 ppm. During SI field activities, six (6) probes were advanced for visual observations only (RPM-SP062, RPM-SP063, RPM-SP064, RPM-SP065, RPM-SP066, RPM-SP069). Probes RPM-SP062 and RPM-SP064 were described as containing odors and staining at seven (7) to eleven (11) feet bgs. Probes RPM-SP063, RPM-SP065, RPM-SP066, and RPM-SP069 were described as containing a slight odor to clean. This information was used to create the significant findings map (Figure 6).

Figure 6 shows two impacted areas with source material at the Pond Parcel. One area, is located in the vicinity of borings RPM-SB61, RPM-SB30, and B-18 and probes SP062 and SP064 and contains confirmed source material from 8.0 to 11.0 feet bgs. Another area, is located in the vicinity of RPM-SB29A and B-15 and contains impacted material (suspected source material) from 7.0 to 8.0 feet bgs. The area of suspected source material extends outside of the Pond Parcel into the Main Parcel.

3.4 PRESENTATION OF ANALYTICAL RESULTS

This section summarizes visual observations and soil sample analytical results. In addition, this section summarizes the groundwater sample results obtained by Burns & McDonnell. Information presented herein is based on field observations and chemical and physical analyses/testing of soil samples. Tables 6 and 7 summarize soil sample chemical analytical results from the Burns & McDonnell and Weston investigations, respectively. The physical test data is provided on 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 Pond Parcel Site Investigation Sampling Data* book (Burns & McDonnell, August 2001) contains a complete set of laboratory analytical result data sheets, data validation memoranda and summary tables of validated data. Weston sample analyses were performed by STAT of Chicago, Illinois and Severn Trent Laboratories (STL) of University Park, Illinois.

Analytical results are presented in the following categories:

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

3.4.1 Surface Soil Analytical Results

This section summarizes surface soil analytical results. Twenty-seven (27) surface soil samples were collected during the SI activities conducted by Burns & McDonnell. In addition, Weston collected two (2) surface soil samples (including one (1) duplicate). Therefore, a total of twenty-nine (29) surface soil samples were collected. Surface soil samples are defined as all samples collected between 0 and 3 feet bgs.

3.4.1.1 Surface Soil VOCs

VOC constituents were non-detect in eleven (11) of the twenty-seven (27) surface soil samples (including one duplicate). Benzene was detected in fifteen (15) samples with concentrations ranging from 0.002 to 27.7 milligrams per kilogram (mg/kg). The highest benzene detection occurred at RPM-SB30-001. Ethylbenzene was detected in four (4) samples with concentrations ranging from 0.011 mg/kg to 41.4 mg/kg. The highest ethylbenzene detection occurred at RPM-SB61-003. Toluene was detected in six (6) samples with concentrations ranging from 0.005 to 2.670 mg/kg. The highest toluene detection occurred at RPM-SB29A-001. Xylenes were detected in six (6) samples with concentrations ranging from 0.007 mg/kg to 64.10 mg/kg. The highest detection occurred at RPM-SB61-003.

3.4.1.2 Surface Soil SVOCs

SVOC constituents were non-detect in eight (8) of the twenty-nine (29) surface soil samples. Of the twenty-one (21) samples where one or more SVOC was observed, individual SVOC concentrations ranged from non-detect to 386 mg/kg. The following SVOCs were detected: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 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 ?? in only a few locations at the 2 to 3 foot depth interval.

The following bullets summarize detected concentrations:

- Acenaphthaene: 0.027 mg/kg to 80.50 mg/kg;
- Acenaphthylene: 0.085 mg/kg to 51.80 mg/kg;
- Anthracene: 0.034 mg/kg to 149 mg/kg;
- Benzo(a)anthracene: 0.027 mg/kg to 94.8 mg/kg;
- Benzo(b)fluoranthene: 0.030 mg/kg to 19.7 mg/kg;
- Benzo(k)fluoranthene: 0.030 mg/kg to 19.5 mg/kg;
- Benzo(g,h,i)perylene: 0.072 mg/kg to 12.0 mg/kg;
- Benzo(a)pyrene: 0.030 mg/kg to 57.2 mg/kg;
- Chrysene: 0.034 mg/kg to 99.5 mg/kg;
- Dibenz(a,h)anthracene: 0.028 mg/kg to 12.2 mg/kg;
- Fluoranthene: 0.034 mg/kg to 155 mg/kg;
- Fluorene: 0.034 mg/kg to 386 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.026 mg/kg to 13.0 mg/kg;
- Naphthalene: 0.025 mg/kg to 208 mg/kg;
- Phenanthrene: 0.033 mg/kg to 376 mg/kg; and
- Pyrene: 0.025 mg/kg to 203 mg/kg.

3.4.1.3 Surface Soil Metals and Cyanide

Arsenic, barium, chromium and total lead were detected in all twenty-nine (29) surface soil samples. Mercury was observed in eleven (11) of the twenty-nine (29) samples. Cadmium was detected in seven (7) surface soil samples. Beryllium, copper, nickel, silver and zinc were detected in two (2) surface soil samples. Antimony and thallium were detected in one (1) of the twenty-nine (29) samples. Twenty-seven (27) samples that were analyzed for total cyanide were non-detect.

The following bullets summarize detected concentrations:

- Antimony: 1.7 mg/kg (SS-12, Weston sample);
- Arsenic: 2.25 mg/kg to 33.90 mg/kg, with the majority of the concentrations being below 13 mg/kg;
- Barium: 38.2 mg/kg to 392 mg/kg;
- Beryllium: 0.8 to 0.89 mg/kg (SS-12 Dup. and SS-12, respectively - Weston samples);
- Cadmium: 0.39 mg/kg to 1.74 mg/kg;
- Chromium: 8.73 mg/kg to 49.5 mg/kg;
- Copper: 23.7 mg/kg to 25 mg/kg;
- Lead: 12.5 mg/kg to 7,230 mg/kg;
- Mercury: 0.043 mg/kg to 0.261 mg/kg;
- Nickel: 30.8 mg/kg to 31.8 mg/kg;
- Selenium: 0.52 mg/kg to 1.17 mg/kg;
- Silver: 0.48 mg/kg to 0.837 mg/kg;
- Thallium: 0.86 mg/kg; and
- Zinc: 49.6 mg/kg to 60.7 mg/kg.

3.4.1.4 Surface Soil SPLP Lead and SPLP Chromium

Eleven (11) of the twenty-nine (29) surface soil samples were analyzed for SPLP lead. SPLP lead was detected in ten (10) samples. The detected SPLP lead concentrations were all below 0.1 mg/L.

Four (4) of the twenty-two (22) surface soil samples were analyzed for SPLP chromium. SPLP chromium was detected in one sample, RPM-SB21-002, at a concentration of 0.014 mg/kg.

3.4.1.5 Surface Soil Physical Data Results

One surface soil sample collected on 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 these samples were not collected directly from the Pond Parcel, the site soils, geology, and hydrogeology are consistent between the Parcels and should be representative.

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 14 feet bgs. Twenty-one (21) subsurface soil samples were collected during the SI activities. In addition, Weston collected eleven (11) subsurface soil samples (including two (2) duplicates) from 3.5 to 14 feet bgs. Therefore, a total of thirty-two (32) subsurface soil samples were collected.

3.4.2.1 Subsurface Soil VOCs

VOC constituents were non-detect in seventeen (17) of the thirty-one (31) subsurface soil samples (including one (1) duplicate). One subsurface soil sample (B-14 DUP) was not analyzed for VOCs. Benzene was detected in thirteen (13) subsurface soil samples with concentrations ranging from 0.01 to 124 mg/kg. The highest detection of benzene occurred at RPM-SB30-002. Carbon disulfide was detected in two subsurface soil samples B-12 and B-15 at concentrations of 0.03 mg/kg and 0.028 mg/kg, respectively. Ethylbenzene was detected in eight (8) subsurface soil samples with concentrations ranging from 0.006 to 59.4 mg/kg. The highest ethylbenzene detection occurred at B-18 (6 to 8 feet bgs). Styrene was detected in six (6) samples with concentrations ranging from 0.005 mg/kg to 4.99 mg/kg. The highest styrene detection occurred at RPM-SB61-004. Toluene was detected in seven (7) subsurface soil samples with concentrations ranging from 0.005 mg/kg to 73.2 mg/kg. The highest toluene detection occurred at RPM-SB61-004. Xylenes were detected in eleven (11) subsurface soil samples with concentrations of 0.005 mg/kg to 115 mg/kg. The highest xylenes detection occurred at B-18 (6 to 8 feet bgs).

3.4.2.2 Subsurface Soil SVOCs

SVOC constituents were non-detect in fifteen (15) of the thirty-one (31) subsurface soil samples (including one (1) duplicate). One subsurface soil sample (B-16 DUP) was analyzed for VOCs only. Of the nine (9) samples where one or more SVOC was observed, individual SVOC concentrations ranged from non-detect to 115 mg/kg. The following SVOCs were detected: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, hexachloropentadiene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, N-nitrosodipenylamine, phenanthrene, and pyrene.

The following bullets summarize detected concentrations:

- Acenaphthene: 0.029 mg/kg to 12.9 mg/kg;
- Acenaphthylene: 0.040 mg/kg to 13.5 mg/kg;
- Anthracene: 0.026 mg/kg to 21.1 mg/kg;
- Benzo(a)anthracene: 0.029 mg/kg to 13.7 mg/kg;
- Benzo(b)fluoranthene: 0.034 mg/kg to 1.920 mg/kg;
- Benzo(k)fluoranthene: 0.027 mg/kg to 1.370 mg/kg;

- Benzo(g,h,i)perylene: 0.027 mg/kg to 3.09 mg/kg;
- Benzo(a)pyrene: 0.035 mg/kg to 2.91 mg/kg;
- Chrysene: 0.026 mg/kg to 17.3 mg/kg;
- Fluoranthene: 0.041 mg/kg to 23.4 mg/kg;
- Dibenz(a,h)anthracene: 0.029 mg/kg to 1.80 mg/kg;
- Dibenzofuran: 0.478 mg/kg to 0.617 mg/kg;
- Fluorene: 0.031 mg/kg to 35.0 mg/kg;
- Hexachlorocyclopentadiene: 0.33 mg/kg;
- Indeno(1,2,3-cd)pyrene: 0.027 mg/kg to 2.25 mg/kg;
- 2-Methylnaphthalene: 0.424 mg/kg to 105 mg/kg;
- Naphthalene: 0.076 mg/kg to 107 mg/kg;
- N-Nitrosodimethylamine: 0.33 mg/kg;
- Phenanthrene: 0.031 mg/kg to 90.1 mg/kg; and
- Pyrene: 0.037 mg/kg to 33.0 mg/kg.

3.4.2.3 Subsurface Soil Metals and Cyanide

Arsenic, barium, chromium and lead were detected in all subsurface soil samples. Cadmium was detected in five (5) subsurface soil samples. Copper, nickel, and zinc were detected in ten (10) subsurface soil samples collected by Weston. Beryllium was detected in nine (9) subsurface soil samples collected by Weston. Eighteen (18) subsurface samples were analyzed for metals. Weston did not analyze metals in the duplicate sample B-16 collected. Thallium was detected in three (3) subsurface soil samples. Mercury was detected in five (5) samples. Silver was not detected in any subsurface soil samples. Twenty-one (21) subsurface soil samples were analyzed for total cyanide. Total cyanide was detected in only one (1) sample, RPM-SB26-003.

The following bullets summarize detected concentrations:

- Arsenic: 2.24 mg/kg to 18.00 mg/kg;
- Barium: 27.6 mg/kg to 96.0 mg/kg;
- Beryllium: 0.47 mg/kg to 0.72 mg/kg;
- Cadmium: 0.2 mg/kg to 0.51 mg/kg;
- Chromium: 12.9 mg/kg to 29.6 mg/kg;
- Copper: 16.7 mg/kg to 35.8 mg/kg;
- Lead: 10.5 mg/kg to 250 mg/kg;
- Mercury: 0.07 mg/kg to 0.317 mg/kg;
- Nickel: 16.5 mg/kg to 36.1 mg/kg;
- Selenium: 0.47 mg/kg to 0.91 mg/kg;
- Thallium: 0.96 mg/kg to 1.3 mg/kg;
- Zinc: 39.6 mg/kg to 3,880 mg/kg; and
- Total Cyanide: 0.60 mg/kg.

3.4.2.4 Subsurface Soil SPLP Lead and SPLP Chromium

Ten (10) subsurface soil samples, including one (1) duplicate, collected by Weston were analyzed for SPLP lead. SPLP lead was detected in only one (1) sample, B-13 (3.5 to 4.5 feet bgs), at a concentration of 0.025 mg/L.

The following twelve (12) subsurface soil samples were analyzed for SPLP chromium: RPM-SB21-004, RPM-SB28-003, B-12 (8.0 to 10.0 feet bgs), B-13 (3.5 to 4.5 feet bgs), B-13 (13.0 to 14.0 feet bgs), B-14 (6.0 to 8.0 feet bgs), B-14 DUP (6.0 to 8.0 feet bgs), B-15 (7.0 to 8.0 feet bgs), B-16 (8.0 to 10.0 feet bgs), B-16 (10.0 to 12.0 feet bgs), B-18 (6.0 to 8.0 feet bgs), and B-18 (12.0 to 14.0 feet bgs). SPLP chromium was detected in only one (1) sample, RPM-SB28-003, at a concentration of 0.005 mg/L.

3.4.2.5 Subsurface Soil Physical Data Results

Four (4) subsurface soil samples from the Pond Parcel collected by Weston were tested for pH. Subsurface soil samples, RPM-SB30H (Main Parcel) and RPM-SB50 (East Parcel), were tested for moisture content, pH and organic matter. The results, shown on Table 5, are as follows:

- Soil pH 7.6 to 8.1 (samples collected from the Pond Parcel);
- Organic matter 1.32 percent to 2.91 percent (samples collected from the Main and East Parcels); and
- Moisture content 7.81 percent to 18.31 percent (samples collected from the Main and East Parcels).

On the Main Parcel a sample from RPM-SB39 was collected from the 7 to 8 foot depth interval and analyzed for moisture content, west and dry soil density, and hydraulic conductivity. Based on field observations, the sample is representative of the Pond Parcel. 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 3.0×10^{-9} cm/sec.

Note that while these samples were not necessarily collected directly from the Pond Parcel, the site soils, geology, and hydrogeology are consistent between the Parcels and should be representative.

3.4.3 Groundwater Analytical Results

This section summarizes the groundwater analytical results obtained during this SI. A total of five (5) samples were collected from five (5) groundwater monitoring wells. The wells are all in the vicinity of the Pond Parcel, but are not located within the Pond 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

4.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

During SI field activities, potential source material was identified at boring locations RPM-SB29A, RPM-SB30, RPM-SB61, B-15, and B-18 and probe locations RPM-SP063 and RPM-SP064. Figure 6 shows the significant findings at the Pond Parcel. The potential source material areas appear to be confined to limited areas. One area, is located in the vicinity of borings RPM-SB61 and RPM-SB30 and probes SP062 and SP064 and contains confirmed source material from 8.0 to 11.0 feet bgs. Another area, is located in the vicinity of RPM-SB29A and B-15 and contains impacted material (suspected source material) from 7.0 to 8.0 feet bgs. The area of suspected source material extends outside of the Pond Parcel into the Main Parcel.

4.2 IDENTIFICATION AND EVALUATION OF EXPOSURE ROUTES

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

Future use of the Pond Parcel is residential development. Therefore, the Tier 1 screening presented herein, was performed for residential properties.

In this Tier 1 screening, soil data collected during the Weston investigation and the 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 ingestion of Class II groundwater exposure route. The Tier 1 screening tables (including the Weston data and 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 a residential population. Regional 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 twenty-nine (29) soil samples screened, including one (1) duplicate, seventeen (17) soil samples exceeded Tier 1 screening levels for at least one constituent. Benzene was the only VOC that exceeded

its Tier 1 screening levels in two samples. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were the SVOCs that exceeded Tier 1 screening levels in a limited number of samples. These constituents are polynuclear aromatic hydrocarbons (PAHs). The majority of the exceedences were in samples collected from the top foot of soil. Inorganic constituents that exceeded Tier 1 screening levels were lead, arsenic, and beryllium. Lead exceeded the screening level in six (6) samples at depths less than 3 feet bgs. Arsenic only exceeded the screening level in three (3) samples at depths less than 3 feet bgs.

4.2.2 Soil Inhalation Exposure Route

The Tier 1 inhalation exposure route was evaluated using soil samples collected from 0 to 10 feet bgs. Table 10 presents data and the Tier 1 screening levels. Of fifty-seven (57) samples screened, including two (2) duplicates, benzene exceeded the screening level in eight (8) samples at depths less than 8 feet bgs.

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. 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, even if the groundwater was continuous and not the result of perched conditions, the unconfined water beneath the site would 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 a 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 7.6 to 8.1. 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 in Class II groundwater, so the Class I groundwater screening value was selected for chromium. Table 11 presents the soil migration to groundwater screening results.

No pH dependent Tier 1 screening value is available for lead. The background concentrations for lead, presented for counties within metropolitan statistical areas (MSA) in Appendix A, Table G of TACO is 36 mg/kg. The site is currently zoned for restricted manufacturing use. Because the future use of the site is for residential development, the published MSA background concentration will not be used as the Tier 1 screening value for this pathway. However, several of the samples were analyzed for SPLP lead.

Therefore, lead was screened against the corresponding toxicity criteria in Table A, Appendix B of TACO, and not the published background value in Appendix A, Table G of TACO.

Of the sixty-one (61) samples screened, including three (3) duplicates, benzene, ethylbenzene, and toluene were the only VOCs that exceeded Tier 1 screening levels in a limited number of samples less than 14 feet bgs. Benzo(a)anthracene and dibenz(a,h)anthracene were the SVOCs that exceeded Tier 1 screening levels in one sample (RPM-SB29A-001). Chromium was the only metal that exceeded Tier 1 screening levels in four (4) samples at depths less than 3 feet bgs.

4.2.4 Groundwater Ingestion Exposure Route

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

4.3.1 Potential Source Areas

One potential source area was identified. The RPM-SB61 sample contained free product. Soil probes near this location support the presence of free product. Soil borings and probes approximately 50 feet away from this area indicate that the source material is not present beyond this limited area. Also, the source material appears to extend onto the Main Parcel. The area of identified source material is located in the approximate center of the former gas holder.

4.3.2 Potential Migration Pathways

Underground utilities located at the site are present in the source area. In the center of the gas holder, a sewer line runs north-south through this area. Free product was encountered in the soil sample collected in the center of the former gas holder. However, the free product was not observed above 7 feet bgs and the utilities lie within 6 feet of the ground surface. Therefore, the lines do not appear to be a migration pathway. The site is covered with vegetation. Infiltration of incidental precipitation would be the only transport mechanism to the subsurface.

4.3.3 Environmental Behavior of Constituents of Interest

Constituents of interest detected at the site are grouped into 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 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.

4.3.3.2 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 volatility from 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).

4.3.3.3 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-eight (28) surface soil samples collected from the site. The duplicate was not included in the calculation. The 95 UCL provides a conservative estimate of the mean concentration. The 95 UCL of the mean for the lognormal distribution sample data set was determined by the following equation (Gilbert, 1987):

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

exp = e raise to the indicated power

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

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 9.007 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.

5.0 CONCLUSIONS

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

5.1 SUFFICIENCY OF DATA

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

5.2 RECOMMENDATIONS FOR FURTHER INVESTIGATION

Significant findings found during the SI at the Pond Parcel are shown on Figure 6. The potential source material areas appear to be confined to limited areas. One area, is located in the vicinity of borings RPM-SB61 and RPM-SB30 and probes SP062 and SP064 and contains confirmed source material from 8.0 to 11.0 feet bgs. Another area, is located in the vicinity of RPM-SB29A and B-15 and contains impacted material (suspected source material) from 7.0 to 8.0 feet bgs. The area of suspected source material extends outside of the Pond Parcel into the Main Parcel. The 95 UCL for arsenic was calculated to be 9.007 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 limited presence of source material and certain SVOCs (PAHs) and metals in shallow soils, further evaluation is warranted.

A ROR/RAP will be developed to address the removal of source material, and PAHs, lead, and chromium in shallow soil.

6.0 REFERENCES

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Tables
Rogers Park Pond Parcel

Table 1 Surface Soil Samples Collected for Chemical Analysis Rogers Park Pond Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB21-001	0-1	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB21-002	1-2	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Chromium
RPM-SB21-003	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB22-001	0-0.5	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB22-002	0.5-1	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB22-003	1-2	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB22-004	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB23-001	0-0.5	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB23-002	0.5-1	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB23-003	1-2	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB23-004	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
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-SB26-001	0-1	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB26-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB27-001	1-2	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead
RPM-SB27-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB28-001	0-1	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Lead

Table 1 Surface Soil Samples Collected for Chemical Analysis Rogers Park Pond Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB28-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB29-001	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB29A- 001	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB30-001	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB31-001	1-2	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB31-002	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB61-001	0-1	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB61-002	1-2	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB61-003	2-3	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
SS-12	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
SS-12 DUP	0-2	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes
PAHs - Polynuclear Aromatic Hydrocarbons
RCRA - Resource Conservation and Recovery Act
SPLP - Synthetic Precipitation Leaching Procedure
SVOCs - Semivolatile Organic Compounds
TCL - Target Compound List
VOCs – Volatile Organic Compounds

Table 2 Subsurface Soil Samples Collected for Chemical Analysis Rogers Park Pond Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB21-004	8-10	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Chromium
RPM-SB22-005	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB23-005	8-10	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
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-SB26-003	8-10	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB27-003	7-9	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB28-003	6-8	BTEX, Styrene, PAHs, RCRA Metals, Cyanide, and SPLP Chromium
RPM-SB29-002	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB29A-002	9-11	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB30-002	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB30-003	7-9	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB31-003	5-7	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB61-004	4-6	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB70-001	6-8	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB71-001	6-8	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB72-001	6-8	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide

Table 2 Subsurface Soil Samples Collected for Chemical Analysis Rogers Park Pond Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
RPM-SB73-001	3-5	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB74-001	6-8	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
RPM-SB75-001	7-8	BTEX, Styrene, PAHs, RCRA Metals, and Cyanide
B-12	8-10	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-13	3.5-4.5	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-13	13-14	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-14	6-8	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-14 DUP	6-8	TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-15	7-8	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-16	8-10	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-16	10-12	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium
B-16 DUP	10-12	TCL VOCs
B-18	6-8	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium

Table 2 Subsurface Soil Samples Collected for Chemical Analysis Rogers Park Pond Parcel		
Sample Number	**Sample Depth (feet below ground surface)**	**Analyses**
B-18	12-14	TCL VOCs, TCL SVOCs, Priority Pollutant Metals, SPLP Lead, and SPLP Chromium

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

Table 3
Groundwater Elevations
Rogers Park Pond 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 Pond 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 Hydrocarbons
RCRA - Resource Conservation and Recovery Act
TCL - Target Compound List
VOCs - Volatile Organic Compounds

Table 5
Soil Physical Testing Results
Rogers Park Pond Parcel

	Sample Location and Depth (feet below ground surface)			
	B-13 3.5-4.5'	B-13 13-14'	B-16 8-10'	B-16 10-12'
Grain Size (% passing #200 sieve)	NA	NA	NA	NA
pH	8.1	8	7.6	7.9
Organic Matter	NA	NA	NA	NA
Moisture Content	NA	NA	NA	NA

	Sample Location and Depth (feet below ground surface)			
	RPM-SB30H-001* 8'	RPM-SB50-003* 3-5'	RPM-SB58-003* 0.5-1'	
Grain Size (% passing #200 sieve)	NA	NA	NA	
pH	9.48	8.78	8.42	
Organic Matter	1.32%	2.91%	2.92%	
Moisture Content	7.81	18.31	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			

*The samples were collected from the Main and East Parcels at Rogers Park.
NA - Not Analyzed
Wet/Dry Soil Density - ASTM D2937
Hydraulic Conductivity - ASTM D5084
pH - Method 9045C
Organic Matter - ASTM 2974-87C
Moisture Content - ASTM-2216
g/cm^3 - grams per centimeters cubed
cm/sec - centimeters per second

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB21-001	RPM-SB21-002	RPM-SB21-003	RPM-SB21-004	RPM-SB22-001
	0-1'	1-2'	2-3'	8-10'	0-0.5'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	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	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.006
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	0.025 U	0.025 U	0.025 U	0.025 U	0.033
Acenapthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.710
Anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.223
Benzo[a]anthracene	0.040	0.025 U	0.025 U	0.025 U	0.663

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

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB21-004 8-10'	RPM-SB22-001 0-0.5'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.030	0.025 U	0.025 U	0.025 U	0.435
Benzo[k]fluoranthene	0.030	0.025 U	0.025 U	0.025 U	0.161
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.025 U	0.277
Benzo[a]pyrene	0.030	0.025 U	0.025 U	0.025 U	0.271
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.054	0.025 U	0.025 U	0.025 U	1.37
Dibenz[a,h]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.281
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
Dimethylphthalate	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	0.072	0.025 U	0.025 U	0.025 U	1.19
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	0.176
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.267
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025
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	0.033	0.025 U	0.025 U	0.025 U	0.431
Pyrene	0.070	0.025 U	0.025 U	0.025 U	1.32
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	7.58	16.50	9.89	6.71	5.13
Barium	364	85.10	67.00	71.40	392
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.617	0.50 U	0.50 U	0.50 U	1.36
Chromium	32.9	31.90	29.20	28.90	49.5
Copper	NA	NA	NA	NA	NA
Lead	678.0	21.70	20.30	16.00	3,220
Mercury	0.069	0.04 U	0.04 U	0.04 U	0.095
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.50 U	0.50 U	0.50 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.074	NA	NA	NA	0.093
SPLP Chromium	NA	0.014	NA	0.005 U	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB22-005 5-7'	RPM-SB23-001 0-0.5'
Compound/Analyte	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002 U	0.002	0.002	0.002 U	0.002
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	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	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
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	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	0.160	0.372	0.025 U	0.025 U	0.025 U
Anthracene	0.047	0.113	0.025 U	0.025 U	0.039
Benzo[a]anthracene	0.125	0.274	0.027	0.025 U	0.143

NOTES:
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(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB22-005 5-7'	RPM-SB23-001 0-0.5'
Compound/Analyte	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.089	0.230	0.025 U	0.025 U	0.100
Benzo[k]fluoranthene	0.094	0.233	0.025 U	0.025 U	0.122
Benzo[g,h,i]perylene	0.072	0.150	0.025 U	0.025 U	0.094
Benzo[a]pyrene	0.240	0.268	0.025 U	0.025 U	0.104
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.239	0.500	0.034	0.025 U	0.157
Dibenz[a,h]anthracene	0.025 U	0.065	0.025 U	0.025 U	0.030
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
Dimethylphthalate	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	0.145	0.413	0.025 U	0.025 U	0.275
Fluorene	0.025 U	0.090	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	NA			NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025 U	0.152	0.025 U	0.025 U	0.025 U
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.090	0.311	0.025 U	0.025 U	0.150
Pyrene	0.026	0.593	0.034	0.025 U	0.228
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.51	4.51	6.54	12.30	7.18
Barium	184	82.3	83.80	60.10	126
Beryllium	NA	NA	NA	NA	NA
Cadmium	1.74	1.01	0.50 U	0.50 U	0.500 U
Chromium	21.3	20.1	27.30	25.70	22.5
Copper	NA	NA	NA	NA	NA
Lead	7,230	950	30.40	19.40	42.0
Mercury	0.040 U	0.040 U	0.04 U	0.04 U	0.043
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.50 U	0.50 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.005	0.031	NA	NA	0.005
SPLP Chromium	NA	NA	NA	NA	NA

NOTES:
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(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.002	0.002 U	0.005	0.002 U	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
Dibromochloromethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.006	0.005 U	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	0.005 U	0.005 U	0.005 U	0.005 U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.012	0.005 U	0.005U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.007	0.005 U	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	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Acenapthylene	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.027
Benzo[a]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	0.085

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.053
Benzo[k]fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.067
Benzo[g,h,i]perylene	0.025 U	0.025 U	0.025 U	0.025 U	0.036
Benzo[a]pyrene	0.025 U	0.025 U	0.025 U	0.025 U	0.045
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.025 U	0.025 U	0.025 U	0.025 U	0.084
Dibenz[a,h]anthracene	0.025 U	0.025 U	0.025 U	0.025 U	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
Dimethylphthalate	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	NA	NA	NA
Fluoranthene	0.025 U	0.025 U	0.025 U	0.025 U	0.175
Fluorene	0.025 U	0.025 U	0.025 U	0.025 U	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	0.025 U	0.025 U	0.025 U	0.025 U	0.040
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
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	0.025 U	0.025 U	0.025 U	0.025 U	0.076
Pyrene	0.025	0.025 U	0.025 U	0.025 U	0.173
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	6.44	5.53	4.58	10.2	14.60
Barium	71.3	46.8	49.9	65.2	23.10
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
Chromium	23.0	20.3	23.3	27.0	19.80
Copper	NA	NA	NA	NA	NA
Lead	24.7	35.8	12.5	15.1	32.50
Mercury	0.040 U	0.040 U	0.040 U	0.040 U	0.04U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.04
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	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

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.007	0.002	0.002U	0.003J	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Dibromochloromethane	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	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	0.005U	0.005U	0.005U	0.005U	0.005 U
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	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
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	0.025 U
Acenapthylene	0.025U	0.025U	0.025U	0.025U	0.025 U
Anthracene	0.025U	0.025U	0.025U	0.025U	0.046
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.025U	0.138

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

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
Compound/Analyte	WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.054
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.025U	0.054
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.025U	0.025 U
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.025U	0.060
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
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	0.171
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.025U	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphthalate	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	0.034	0.025U	0.338
Fluorene	0.025U	0.025U	0.025U	0.025U	0.025 U
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.025U	0.025U	0.025U	0.025U	0.026
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.025U	0.025U	0.025U	0.025U	0.159
Pyrene	0.025U	0.025U	0.040	0.025U	0.276
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	10.70	5.72	7.83	2.44	5.39
Barium	60.20	39.40	73.40	39.70	63.1
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.5U	0.5U	0.5U	0.5U	0.500 U
Chromium	27.00	16.70	26.20	16.80	17.1
Copper	NA	NA	NA	NA	NA
Lead	18.70	16.90	16.70	14.10	77.7
Mercury	0.050	0.044	0.04U	0.04U	0.134
Nickel	NA	NA	NA	NA	NA
Selenium	1U	1U	1U	1U	1.00 U
Silver	0.5U	0.5U	0.5U	0.5U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide (amenable)	0.25U	0.25U	0.25U	0.25U	0.25 U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	0.005 U
SPLP Chromium	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

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB26-002 2-3'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)	WT ` NE				
Acetone	NA	NA	NA	NA	NA
Benzene	0.002	0.002 U	0.004	0.002	0.002 U
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	NA	NA	NA	NA	NA
Ethylbenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	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	NA	NA	NA	NA	NA
Toluene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
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	0.072	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	0.264	0.025 U	0.085	0.025 U	0.062
Anthracene	0.260	0.025 U	0.034	0.025 U	0.029
Benzo[a]anthracene	0.712	0.025 U	0.082	0.025 U	0.057

NOTES:
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(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB26-002 2-3'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.613	0.025 U	0.049	0.025 U	0.034
Benzo[k]fluoranthene	0.519	0.025 U	0.030	0.025 U	0.027
Benzo[g,h,i]perylene	0.329	0.025 U	0.025 U	0.025 U	0.029
Benzo[a]pyrene	1.21	0.025 U	0.048	0.025 U	0.036
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.810	0.025 U	0.122	0.025 U	0.119
Dibenz[a,h]anthracene	0.088	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethylphthalate	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	1.26	0.025 U	0.172	0.025 U	0.151
Fluorene	0.142	0.025 U	0.025 U	0.025 U	0.031
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	0.054	0.025 U	0.025 U	0.025 U	0.028
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	NA	NA	NA	NA	NA
Phenanthrene	0.685	0.025 U	0.098	0.025 U	0.087
Pyrene	1.18	0.025 U	0.157	0.025 U	0.151
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	7.57	5.05	5.20	3.79	4.77
Barium	62.1	62.1	61.0	68.2	96.0
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	18.5	24.7	15.9	29.6	25.1
Copper	NA	NA	NA	NA	NA
Lead	122	12.5	281	18.6	14.0
Mercury	0.054	0.040 U	0.043	0.040 U	0.040 U
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.60	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.034	NA	0.014	NA	NA
SPLP Chromium	NA	NA	NA	NA	NA

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 5-7'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.007	0.002 U	0.002 U	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
Dibromochloromethane	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	0.011	0.005 U	0.005 U	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	0.005 U	0.005 U	0.005 U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005	0.005 U	0.005 U	0.005U	0.005U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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)	0.050	0.005 U	0.005 U	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	0.025 U	0.025 U	0.025 U	0.036	0.029J
Acenapthylene	0.126	0.025 U	0.025 U	0.025U	0.267J
Anthracene	0.072	0.025 U	0.025 U	0.112	0.08J
Benzo[a]anthracene	0.178	0.025 U	0.025 U	0.186	0.221J

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 5-7'
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.112	0.025 U	0.025 U	0.151	0.113J
Benzo[k]fluoranthene	0.119	0.025 U	0.025 U	0.130	0.136J
Benzo[g,h,i]perylene	0.075	0.025 U	0.025 U	0.102	0.1J
Benzo[a]pyrene	0.252	0.025 U	0.025 U	0.182	0.248J
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.245	0.025 U	0.025 U	0.172	0.265J
Dibenz[a,h]anthracene	0.028	0.025 U	0.025 U	0.055	0.065J
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
Dimethylphthalate	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	0.315	0.025 U	0.025 U	0.313	0.122J
Fluorene	0.034	0.025 U	0.025 U	0.041	0.047J
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	0.077	0.025 U	0.025 U	0.102	0.102J
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025 U	0.025 U	0.025 U	0.025U	0.076J
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	0.148	0.025 U	0.025 U	0.278	0.089J
Pyrene	0.277	0.025 U	0.025 U	0.281	0.229J
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	2.25	4.70	11.6	5.530	9.650
Barium	38.2	72.4	52.9	37.500	61.900
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500 U	0.500U	0.500U
Chromium	8.73	29.1	29.6	11.500	21.200
Copper	NA	NA	NA	NA	NA
Lead	446	19.5	30.8	38.900	64.000
Mercury	0.040 U	0.040 U	0.040 U	0.261	0.137
Nickel	NA	NA	NA	NA	NA
Selenium	1.00 U	1.17	1.00 U	1.000U	1.000U
Silver	0.500 U	0.500 U	0.500 U	0.837	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide	0.25 U	0.25 U	0.25 U	0.250U	0.250U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.09	NA	NA	NA	NA
SPLP Chromium	NA	0.005 U	0.005	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

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 3-5'	RPM-SB30-003 7-9'
	WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	17.800	0.200	27.700	124.000	31.300
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
Dibromochloromethane	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	10.000	0.170	8.900	43.100	11.200
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	0.600	0.084	0.084	0.100U	0.055
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	2.670	0.397	0.136	0.144	0.820
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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)	21.200	1.280	6.550	19.200	7.860
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	80.500	0.129J	0.530	2.110	3.820
Acenapthylene	51.800	0.218J	0.218	2.710	2.840
Anthracene	149.000	0.41J	0.385	2.180	3.850
Benzo[a]anthracene	94.800	0.305J	0.394	2.590	4.730

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 3-5'	RPM-SB30-003 7-9'
	WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	19.700	0.1J	0.174	0.857	1.920
Benzo[k]fluoranthene	19.500	0.076J	0.128	0.673	1.370
Benzo[g,h,i]perylene	12.000	0.044J	0.077	0.384	0.738
Benzo[a]pyrene	57.200	0.136J	0.238	2.070	2.910
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	99.500	0.32J	0.405	2.590	5.010
Dibenz[a,h]anthracene	12.200	0.029J	0.051	0.356	0.574
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
Dimethylphthalate	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	155.000	0.45J	0.472	1.230	5.910
Fluorene	386.000	1.29J	1.330	3.270	6.240
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	13.000	0.045J	0.083	0.399	0.799
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	208.000	0.607J	1.700	9.460	8.540
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	376.000	1.24J	1.930	7.570	12.900
Pyrene	203.000	0.613J	0.653	3.000	8.430
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.180	5.300	4.180	18.000	4.630
Barium	95.700	58.800	91.600	70.900	45.500
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.515	0.500U	0.500U
Chromium	13.600	13.100	22.500	22.700	15.500
Copper	NA	NA	NA	NA	NA
Lead	302.000	61.200	517.000	43.900	132.000
Mercury	0.189	0.103	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	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide (amenable)	0.47U	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

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

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB31-001	RPM-SB31-002	RPM-SB31-003	RPM-SB61-001	RPM-SB61-002
	1-2'	2-3'	5-7'	0-1'	1-2'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	0.007	0.002U	0.002U	0.003	0.017
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
Dibromochloromethane	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	0.005 U	0.005 U
2-hexanone	NA	NA	NA	NA	NA
4-methyl-2-pentanone	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	0.005U	0.005U	0.005U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.005U	0.005U	0.005U	0.005 U	0.005
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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)	0.009	0.005U	0.005U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
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	0.883
Acenapthylene	0.025U	0.025U	0.025U	1.060	8.090
Anthracene	0.025U	0.025U	0.025U	0.351	2.360
Benzo[a]anthracene	0.025U	0.025U	0.025U	0.741	1.320

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB31-001 1-2'	RPM-SB31-002 2-3'	RPM-SB31-003 5-7'	RPM-SB61-001 0-1'	RPM-SB61-002 1-2'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.025U	0.025U	0.025U	0.316	0.809
Benzo[k]fluoranthene	0.025U	0.025U	0.025U	0.389	0.607
Benzo[g,h,i]perylene	0.025U	0.025U	0.025U	0.318	2.140
Benzo[a]pyrene	0.025U	0.025U	0.025U	0.449	1.190
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
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	0.803	1.340
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U	0.170	0.792
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
Dimethylphthalate	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	1.020	0.951
Fluorene	0.025U	0.025U	0.025U	0.221	1.950
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	0.331	1.590
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	0.025U	0.025U	0.025U	0.025 U	1.900
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	0.403	0.548
Pyrene	0.025U	0.025U	0.025U	0.981	2.740
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	3.590	33.900	9.520	5.560	3.070
Barium	62.400	52.800	37.900	73.300	50.800
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500U	0.500U	0.500U	0.500 U	0.500 U
Chromium	20.700	27.200	14.100	16.600	14.000
Copper	NA	NA	NA	NA	NA
Lead	19.400	18.500	15.500	228.000	203.000
Mercury	0.040U	0.040U	0.040U	0.118	0.048
Nickel	NA	NA	NA	NA	NA
Selenium	1.000U	1.000U	1.000U	1.000 U	1.000 U
Silver	0.500U	0.500U	0.500U	0.500 U	0.500 U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide (amenable)	0.25U	0.25U	0.25U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA	NA	NA
SPLP Chromium	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

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB61-003	RPM-SB61-004	RPM-SB70-001	RPM-SB71-001	RPM-SB72-001
	2-3'	4-6'	6-8'	6-8'	6-8'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA	NA	NA
Benzene	26.000	115	0.002U	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
Dibromochloromethane	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	41.400	36.5	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	0.050 U	4.99	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	0.978	73.2	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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)	64.100	72.2	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	0.735 J	5.150	0.025U	0.025U	0.025U
Acenapthylene	0.769 J	6.700	0.025U	0.025U	0.041
Anthracene	0.649 J	7.910	0.025U	0.025U	0.025U
Benzo[a]anthracene	0.689 J	6.290	0.025U	0.025U	0.029

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed

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

	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB61-003	RPM-SB61-004	RPM-SB70-001	RPM-SB71-001	RPM-SB72-001
	2-3'	4-6'	6-8'	6-8'	6-8'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.197 J	1.320	0.025U	0.025U	0.041
Benzo[k]fluoranthene	0.217 J	1.200	0.025U	0.025U	0.031
Benzo[g,h,i]perylene	0.144 J	0.587	0.025U	0.025U	0.030
Benzo[a]pyrene	0.339 J	1.780	0.025U	0.025U	0.035
Butylbenzylphthalate	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA
4-bromophenylphenylether	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
Chrysene	0.745 J	6.610	0.025U	0.025U	0.056
Dibenz[a,h]anthracene	0.093 J	0.478	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
Dimethylphthalate	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	0.762 J	7.810	0.025U	0.025U	0.043
Fluorene	1.270 J	14.400	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	0.163 J	0.712	0.025U	0.025U	0.027
Isophorone	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
Naphthalene	1.380 J	15.600	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	1.740 J	33.800	0.025U	0.025U	0.031
Pyrene	1.510 J	10.300	0.025U	0.025U	0.063
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA	NA	NA
Arsenic	4.130	5.140	6.03	3.12	2.24
Barium	63.100	48.000	27.60	34.40	51.10
Beryllium	NA	NA	NA	NA	NA
Cadmium	0.500 U	0.500 U	0.500U	0.500U	0.500U
Chromium	20.200	20.900	14.50	18.90	22.70
Copper	NA	NA	NA	NA	NA
Lead	20.700	13.500	12.10	14.10	42.70
Mercury	0.040 U	0.040 U	0.040U	0.040U	0.040U
Nickel	NA	NA	NA	NA	NA
Selenium	1.000 U	1.000 U	1.00U	1.00U	1.00U
Silver	0.500 U	0.500 U	0.500U	0.500U	0.500U
Thallium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Total Cyanide (amenable)	0.25 U	0.25 U	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

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

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB073-001 3-5'	RPM-SB74-001 6-8'	RPM-SB75-001 7-8'		
	WT ~ 12'	WT ~ 5'	WT ~ 7.5'		
TCL VOCs (mg/kg)					
Acetone	NA	NA	NA		
Benzene	0.002U	0.002U	0.002U		
Bromodichloromethane	NA	NA	NA		
Bromoform	NA	NA	NA		
Bromomethane	NA	NA	NA		
2-Butanone	NA	NA	NA		
Carbon Disulfide	NA	NA	NA		
Carbon Tetrachloride	NA	NA	NA		
Chlorobenzene	NA	NA	NA		
Dibromochloromethane	NA	NA	NA		
Chloroethane	NA	NA	NA		
Chloroform	NA	NA	NA		
Chloromethane	NA	NA	NA		
1,1-Dichloroethane	NA	NA	NA		
1,2-Dichloroethane	NA	NA	NA		
1,1-Dichloroethene	NA	NA	NA		
cis-1,2-dichloroethene	NA	NA	NA		
trans-1,2-dichloroethene	NA	NA	NA		
1,2-Dichloropropane	NA	NA	NA		
cis-1,3-dichloropropene	NA	NA	NA		
trans-1,3-dichloropropene	NA	NA	NA		
Ethylbenzene	0.005U	0.005U	0.005U		
2-hexanone	NA	NA	NA		
4-methyl-2-pentanone	NA	NA	NA		
Methylene Chloride	NA	NA	NA		
Styrene	0.005U	0.005U	0.005U		
1,1,2,2-Tetrachloroethane	NA	NA	NA		
Tetrachloroethene	NA	NA	NA		
Toluene	0.005U	0.005U	0.005U		
1,1,1-Trichloroethane	NA	NA	NA		
1,1,2-Trichloroethene	NA	NA	NA		
Trichloroethene	NA	NA	NA		
Vinyl Acetate	NA	NA	NA		
Vinyl Chloride	NA	NA	NA		
Xylenes (total)	0.031	0.005U	0.005U		
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	NA	NA	NA		
2-Chlorophenol	NA	NA	NA		
2,4-Dimethylphenol	NA	NA	NA		
2,4-Dinitrophenol	NA	NA	NA		
4,6-Dinitro-2-Methylphenol	NA	NA	NA		
2-Methylphenol	NA	NA	NA		
3&4-Methylphenol	NA	NA	NA		
2-Nitrophenol	NA	NA	NA		
4-Nitrophenol	NA	NA	NA		
Pentachlorophenol	NA	NA	NA		
Phenol	NA	NA	NA		
2,4,5-Trichlorophenol	NA	NA	NA		
2,4,6-Trichlorophenol	NA	NA	NA		
Acenaphthene	0.025U	0.025U	0.025U		
Acenapthylene	0.025U	0.040	0.025U		
Anthracene	0.025U	0.026	0.025U		
Benzo[a]anthracene	0.025U	0.056	0.025U		

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

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

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	RPM-SB073-001 3-5'	RPM-SB74-001 6-8'	RPM-SB75-001 7-8'		
	WT ~ 12'	WT ~ 5'	WT ~ 7.5'		
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.025U	0.025U	0.025U		
Benzo[k]fluoranthene	0.025U	0.025U	0.025U		
Benzo[g,h,i]perylene	0.025U	0.027	0.025U		
Benzo[a]pyrene	0.025U	0.043	0.025U		
Butylbenzylphthalate	NA	NA	NA		
bis(2-chloroethoxy)methane	NA	NA	NA		
bis(2-chloroethyl) ether	NA	NA	NA		
Bis(2-chloroisopropyl)ether	NA	NA	NA		
Bis(2-ethylhexyl)phthalate	NA	NA	NA		
4-bromophenylphenylether	NA	NA	NA		
Carbazole	NA	NA	NA		
2-Chloronaphthalene	NA	NA	NA		
4-Chlorophenyl-phenylether	NA	NA	NA		
4-Chloroaniline	NA	NA	NA		
Chrysene	0.026	0.061	0.025U		
Dibenz[a,h]anthracene	0.025U	0.025U	0.025U		
Dibenzofuran	NA	NA	NA		
Di-n-butylphthalate	NA	NA	NA		
1,2-Dichlorobenzene	NA	NA	NA		
1,3-Dichlorobenzene	NA	NA	NA		
1,4-Dichlorobenzene	NA	NA	NA		
3,3-Dichlorobenzidine	NA	NA	NA		
2,4-Dichlorophenol	NA	NA	NA		
Diethylphthalate	NA	NA	NA		
Dimethylphthalate	NA	NA	NA		
2,4-Dinitrotoluene	NA	NA	NA		
2,6-Dinitrotoluene	NA	NA	NA		
Di-n-octylphthalate	NA	NA	NA		
Fluoranthene	0.041	0.044	0.025U		
Fluorene	0.025U	0.037	0.025U		
Hexachlorobenzene	NA	NA	NA		
Hexachlorobutadiene	NA	NA	NA		
Hexachlorocyclopentadiene	NA	NA	NA		
Hexachloroethane	NA	NA	NA		
Indeno[1,2,3-cd]pyrene	0.025U	0.025U	0.025U		
Isophorone	NA	NA	NA		
2-Methylnaphthalene	NA	NA	NA		
Naphthalene	0.025U	0.025U	0.025U		
2-Nitroaniline	NA	NA	NA		
3-Nitroaniline	NA	NA	NA		
4-Nitroaniline	NA	NA	NA		
Nitrobenzene	NA	NA	NA		
N-nitrosodi-n-propylamine	NA	NA	NA		
N-Nitrosodimethylamine	NA	NA	NA		
N-nitrosodiphenylamine	NA	NA	NA		
Phenanthrene	0.025U	0.055	0.025U		
Pyrene	0.037	0.068	0.025U		
1,2,4-Trichlorobenzene	NA	NA	NA		
Priority Pollutant Metals (mg/kg)					
Antimony	NA	NA	NA		
Arsenic	7.93	5.95	7.13		
Barium	66.80	55.30	54.70		
Beryllium	NA	NA	NA		
Cadmium	0.500U	0.500U	0.500U		
Chromium	20.40	19.40	21.50		
Copper	NA	NA	NA		
Lead	65.90	29.00	13.80		
Mercury	0.040U	0.040U	0.040U		
Nickel	NA	NA	NA		
Selenium	1.00U	1.00U	1.00U		
Silver	0.500U	0.500U	0.500U		
Thallium	NA	NA	NA		
Zinc	NA	NA	NA		
Total Cyanide (amenable)	0.25U	0.25U	0.25U		
SPLP Lead and Chromium (mg/L)					
SPLP Lead	NA	NA	NA		
SPLP Chromium	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

Table 7
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration					
	B-12 8-10'	B-13 3.5-4.5'	B-13 13-14'	B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'
	WT ~ 8'	WT ~ 8'	WT ~ 8'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	0.025 U	0.025 U	0.025 U	0.025 UJ	NA	0.025 UJ
Benzene	0.156	0.01	0.005 U	0.005 U	NA	2.55 J
Bromodichloromethane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Bromoform	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Bromomethane	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
Carbon Disulfide	0.033	0.005 U	0.005 U	0.005 U	NA	0.028 J
Carbon Tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Chlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Dibromochloromethane	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.01 U
Chloroethane	0.01 U	0.01 U	0.005 U	0.005 U	NA	0.005 UJ
Chloroform	0.005 U	0.005 U	0.01 U	0.01 U	NA	0.01 UJ
Chloromethane	0.01 U	0.01 U	0.005 U	0.005 U	NA	0.005 UJ
1,1-Dichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
1,2-Dichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
cis-1,2-dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
trans-1,2-dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
1,2-Dichloropropane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
cis-1,3-dichloropropene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
trans-1,3-dichloropropene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Ethylbenzene	0.006	0.157	0.005 U	0.005 U	NA	0.006 J
2-hexanone	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
4-methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
Methylene Chloride	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
Styrene	0.005 U	0.007	0.005 U	0.005 U	NA	1.78 J
1,1,2,2-Tetrachloroethane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Toluene	0.005 U	0.005	0.005 U	0.005 UJ	NA	0.005 UJ
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
1,1,2-Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 UJ
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 UJ	NA	0.005 UJ
Vinyl Acetate	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
Vinyl Chloride	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 UJ
Xylenes	0.062	0.143	0.005	0.005 U	NA	12.1 J
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	0.330 U	0.330 U	0.330 U	0.33 U	0.330 U	0.330 U
2-Chlorophenol	0.330 U	0.330 U	0.330 U	0.33 UJ	0.330 UJ	0.330 U
2,4-Dimethylphenol	0.330 U	0.330 U	0.330 U	0.33 U	0.330 U	0.330 U
2,4-Dinitrophenol	1.600 U	1.600 U	1.600 U	1.6 U	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	1.600 U	1.600 U	1.600 U	1.6 U	1.600 U	1.600 U
2-Methylphenol	0.330 U	0.330 U	0.330 U	0.33 UJ	0.330 UJ	0.330 U
3&4-Methylphenol	0.330 U	0.330 U	0.330 U	0.33 U	0.330 U	0.330 U
2-Nitrophenol	1.600 U	1.600 U	1.600 U	1.6 U	0.400 U	1.600 U
4-Nitrophenol	1.600 U	1.600 U	1.600 U	1.6 U	1.600 U	1.600 U
Pentachlorophenol	1.600 U	1.600 U	1.600 U	1.6 U	2.000 U	1.600 U
Phenol	0.330 U	0.330 U	0.330 U	0.33 U	0.330 U	0.330 U
2,4,5-Trichlorophenol	0.660 U	0.660 U	0.660 U	0.66 U	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.330 U	0.330 U	0.330 U	0.33 U	0.330 U	0.330 U
Acenaphthene	0.33 UJ	10.6 J	0.33 UJ	0.33 UJ	0.33 UJ	1.42 J
Acenaphthylene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	7.96
Anthracene	0.33 U	13.9	0.33 U	0.33 U	0.33 U	6.98
Benzo(a)anthracene	0.33 U	7.08	0.33 U	0.33 U	0.33 U	4.13

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

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration					
	B-12 8-10'	B-13 3.5-4.5'	B-13 13-14'	B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'
	WT ~ 8'	WT ~ 8'	WT ~ 8'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	0.33 U	1.22	0.33 U	0.33 U	0.33 U	0.723
Benzo(k)fluoranthene	0.33 U	1.09	0.33 U	0.33 U	0.33 U	0.546
Benzo(g,h,I)perylene	0.33 U	2.87	0.33 U	0.33 U	0.33 U	0.496
Benzo(a)pyrene	0.33 U	1.81	0.33 U	0.33 U	0.33 U	0.924
Butylbenzylphthalate	0.33 U	0.330 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethoxy)methane	0.33 U	0.330 U	0.33 U	0.33 U	0.33 U	0.33 U
bis(2-chloroethyl) ether	0.33 U	0.330 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	0.33 U
Bis(2-ethylhexyl)phthalate	0.33 U	0.330 U	0.33 U	0.33 U	0.33 U	0.33 U
4-bromophenylphenylether	0.33 U	0.330 U	0.33 U	0.33 U	0.33 U	0.33 U
Carbazole	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	0.33 U	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	0.33 U
4-Chloroaniline	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chrysene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	4.45
Dibenzo(a,h)anthracene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Dibenzofuran	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.617
Di-n-butylphthalate	0.33 U	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	0.33 U
1,3-Dichlorobenzene	0.33 U	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	0.33 UJ
3,3-Dichlorobenzidine	0.66 U	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	0.330 U	0.33 U	0.33 U
Diethylphthalate	0.33 U	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	0.33 U
2,4-Dinitrotoluene	0.33 U	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	0.33 U
Di-n-octylphthalate	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	6.62
Fluorene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	7.51
Hexachlorobenzene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorobutadiene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	0.33 U	0.33 U	0.33 U	0.33 UJ	0.33 UJ	0.33 U
Hexachloroethane	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Indeno(1,2,3-cd)pyrene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Isophorone	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	13.70
Naphthalene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	17.20
2-Nitroaniline	1.60 U	1.60 U	1.60 U	1.6 U	1.60 U	1.60 U
3-Nitroaniline	1.60 U	1.60 U	1.60 U	1.6 U	1.60 U	1.60 U
4-Nitroaniline	1.60 U	1.60 U	1.60 U	1.6 U	1.60 U	1.60 U
Nitrobenzene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.33 U	0.33 U	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 U	0.33 U	0.33 U
N-nitrosodiphenylamine	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Phenanthrene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	20.30
Pyrene	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	9.31
1,2,4-Trichlorobenzene	0.33 UJ	0.33 UJ	0.33 UJ	0.330 UJ	0.33 UJ	0.33 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	2.3 U	1.9 U	2.1 U	2.2 U	2 U	1.9 U
Arsenic	3	2.5	9.3	8.8	3.7	8.2
Barium	44.9	39.5	35.9	58.2	43.9	34.9
Beryllium	0.46 U	0.47	0.59	0.72	0.69	0.53
Cadmium	0.23 U	0.2	0.21 U	0.51	0.44	0.19 U
Chromium	13.8	12.9	17.2	20.6	21.7	16.1
Copper	17.1	16.7	35.8	26.4	29	25.9
Lead	10.5	250	16.3	12.4	19.4	12.9
Mercury	0.07	0.04 U	0.04 U	0.04 U	0.04 U	0.07
Nickel	16.5	16.7	36.1	31.7	29.3	26.3
Selenium	0.58 U	0.47	0.55	0.91	0.51	0.49 U
Silver	0.58 U	0.47 U	0.52 U	0.55 U	0.5 U	0.49 U
Thallium	1.2 U	0.93 U	1 U	1.1 U	1.2	0.97 U
Zinc	43.1	3880	45.3	44	46.5	42.4
Total Cyanide	NA	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.0075 U	0.025	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	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

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

	Sample Location and Depth (feet below ground surface)/Concentration					
	B-16	B-16	B-16 Dup.	B-18	B-18	SS-12
	8-10'	10-12'	10-12'	6-8'	12-14'	0-2'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	0.5 UJ	0.025 UJ	0.025 UJ	0.5 UJ	0.025 U	0.025 UJ
Benzene	0.200 U	0.005 UJ	0.005 U	72.1	0.46	0.005 UJ
Bromodichloromethane	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Bromoform	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Bromomethane	0.2 U	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
2-Butanone	0.25 U	0.01 UJ	0.01 U	0.25 U	0.01 U	0.01 UJ
Carbon Disulfide	0.25 U	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
Carbon Tetrachloride	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Chlorobenzene	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Dibromochloromethane	0.005 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Chloroethane	0.2 U	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
Chloroform	0.25 U	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
Chloromethane	0.3 U	0.01 UJ	0.01 U	0.3 U	0.01 U	0.01 UJ
1,1-Dichloroethane	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,2-Dichloroethane	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,1-Dichloroethene	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
cis-1,2-dichloroethene	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
trans-1,2-dichloroethene	0.25 U	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
1,2-Dichloropropane	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
trans-1,3-dichloropropene	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Ethylbenzene	0.15 U	0.005 UJ	0.005 U	59.4	0.01	0.005 UJ
2-hexanone	0.15 U	0.01 UJ	0.01 U	0.15 U	0.01 U	0.01 UJ
4-methyl-2-pentanone	0.15 U	0.01 UJ	0.01 U	0.15 U	0.01 U	0.01 UJ
Methylene Chloride	0.25 U	0.01 UJ	0.01 U	0.25 U	0.01 U	0.01 UJ
Styrene	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005	0.005 UJ
1,1,2,2-Tetrachloroethane	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Tetrachloroethene	0.15 U	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Toluene	0.2 U	0.005 UJ	0.005 UJ	69.7	0.052 J	0.005 UJ
1,1,1-Trichloroethane	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,1,2-Trichloroethene	0.2 U	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Trichloroethene	0.2 U	0.005 UJ	0.005 UJ	0.2 U	0.005 UJ	0.005 UJ
Vinyl Acetate	N/A	0.01 UJ	0.01 U	0.35 U	0.01 U	0.01 UJ
Vinyl Chloride	0.2 U	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
Xylenes	0.45 U	0.005 UJ	0.005 U	115	0.03 J	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	0.330 U	NA	0.330 UJ	0.330 U	0.400 U	0.330 U
2-Chlorophenol	0.330 UJ	NA	0.330 UJ	0.330 UJ	0.330 U	0.330 U
2,4-Dimethylphenol	0.330 U	NA	0.330 UJ	0.330 U	0.330 UJ	0.330 U
2,4-Dinitrophenol	2.200 U	NA	1.600 U	1.600 U	1.600 UJ	1.600 U
4,6-Dinitro-2-Methylphenol	1.600 U	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 U
2-Methylphenol	0.440 U	NA	0.330 UJ	0.330 UJ	0.330 UJ	0.330 UJ
3&4-Methylphenol	0.440 U	NA	0.330 UJ	0.330 U	0.330 UJ	0.330 U
2-Nitrophenol	1.600 U	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 U
4-Nitrophenol	1.600 U	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 U
Pentachlorophenol	1.600 U	NA	1.600 UJ	1.600 U	1.600 UJ	1.600 U
Phenol	0.330 U	NA	0.330 UJ	0.330 U	0.330 UJ	0.330 U
2,4,5-Trichlorophenol	0.660 U	NA	0.660 UJ	0.660 U	0.660 UJ	0.660 U
2,4,6-Trichlorophenol	0.330 U	NA	0.330 UJ	0.330 U	0.330 UJ	0.330 U
Acenaphthene	0.33 U	NA	13.5 J	12.9 J	0.33 UJ	0.33 UJ
Acenaphthylene	1.75	NA	0.33 UJ	13.5	0.33 U	0.33 U
Anthracene	5.84	NA	16.6 J	21.1	0.33 U	0.33 U
Benzo(a)anthracene	2.7	NA	8.2 J	13.7	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

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

	Sample Location and Depth (feet below ground surface)/Concentration					
	B-16	B-16	B-16 Dup.	B-18	B-18	SS-12
	8-10'	10-12'	10-12'	6-8'	12-14'	0-2'
Compound/Analyte	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	0.361	0.33 U	NA	1.19	0.33 U	0.33 U
Benzo(k)fluoranthene	0.362	0.33 U	NA	1.00	0.33 U	0.33 U
Benzo(g,h,I)perylene	0.33 U	0.33 U	NA	3.09	0.33 U	0.33 U
Benzo(a)pyrene	0.437	0.33 U	NA	1.64	0.33 U	0.33 U
Butylbenzylphthalate	0.33 U	0.33 U	NA	0.33 U	0.330 U	0.33 U
bis(2-chloroethoxy)methane	0.33 U	0.33 U	NA	0.33 U	0.330 U	0.33 U
bis(2-chloroethyl) ether	0.33 U	0.33 U	NA	0.33 U	0.330 U	0.33 U
Bis(2-chloroisopropyl)ether	0.33 U	0.33 U	NA	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	0.33 U	0.33 U	NA	0.33 U	0.330 U	0.33 U
4-bromophenylphenylether	0.33 U	0.33 U	NA	0.33 U	0.330 U	0.33 U
Carbazole	NA	NA	NA	NA	NA	0.33 U
2-Chloronaphthalene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
4-Chlorophenyl-phenylether	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 UJ
4-Chloroaniline	N/A	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Chrysene	2.96	0.33 U	NA	17.3	0.33 UJ	0.33 U
Dibenzo(a,h)anthracene	0.33 U	0.33 U	NA	1.80	0.33 UJ	0.33 U
Dibenzofuran	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Di-n-butylphthalate	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,2-Dichlorobenzene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,3-Dichlorobenzene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,4-Dichlorobenzene	0.33 UJ	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	0.66 U	0.66 U	NA	0.66 U	0.66 UJ	0.66 U
2,4-Dichlorophenol	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.330 U
Diethylphthalate	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Dimethylphthalate	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2,4-Dinitrotoluene	0.33 UJ	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2,6-Dinitrotoluene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Di-n-octylphthalate	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Fluoranthene	4.64	0.33 U	NA	23.4	0.33 UJ	0.33 U
Fluorene	5.80	0.33 U	NA	35.0	0.33 UJ	0.33 U
Hexachlorobenzene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Hexachlorobutadiene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Hexachlorocyclopentadiene	0.33 J	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Indeno(1,2,3-cd)pyrene	0.33 U	0.33 U	NA	2.25	0.33 UJ	0.33 U
Isophorone	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2-Methylnaphthalene	0.424 J	0.33 UJ	NA	105	0.33 UJ	0.33 U
Naphthalene	0.577	0.33 U	NA	107	0.33 UJ	0.33 U
2-Nitroaniline	1.60 U	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
3-Nitroaniline	1.60 U	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
4-Nitroaniline	1.60 U	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
Nitrobenzene	0.33 U	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
N-nitrosodi-n-propylamine	0.33 U	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
N-Nitrosodimethelamine	0.33 UJ	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
N-nitrosodiphenylamine	0.33 U	0.33	NA	0.33 U	0.33 UJ	0.33 U
Phenanthrene	17.70	0.33 U	NA	90.1	0.33 UJ	0.33 U
Pyrene	6.58 J	0.33 U	NA	33.0	0.33 UJ	0.33 U
1,2,4-Trichlorobenzene	0.33 U	0.33 UJ	NA	0.330 UJ	0.33 UJ	0.330 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	2.1 U	2.1 U	NA	2.1 U	1.9 U	1.7
Arsenic	6.4	8.3	NA	4.2	6.9	7.3
Barium	50.4	48.8	NA	51.6	48.8	66.3
Beryllium	0.67	0.61	NA	0.72	0.64	0.89
Cadmium	0.21 U	0.21 U	NA	0.43	0.44	0.4
Chromium	20.7	19.1	NA	21.5	19.2	23.8
Copper	29	27.2	NA	26.1	27.3	25
Lead	13.7	12.7	NA	11.8	11.6	39.2
Mercury	0.04 U	0.04 U	NA	0.04 U	0.1	0.04 U
Nickel	32.2	28.6	NA	29.7	30.4	30.8
Selenium	0.53 U	0.52 U	NA	0.51 U	0.5 U	0.7
Silver	0.53 U	0.52 U	NA	0.51 U	0.48 U	0.48
Thallium	1.1 U	1 U	NA	1.3	0.96	0.86
Zinc	63.2	39.6	NA	44.5	41.5	60.7
Total Cyanide	NA	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	0.013
SPLP Chromium	0.05 U	0.05 U	NA	0.05 U	0.005 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

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SS-12 Dup. 0-2'				
	WT ~ NE				
TCL VOCs (mg/kg)					
Acetone	0.025 U				
Benzene	0.005 U				
Bromodichloromethane	0.005 U				
Bromoform	0.005 U				
Bromomethane	0.01 U				
2-Butanone	0.01 U				
Carbon Disulfide	0.005 U				
Carbon Tetrachloride	0.005 U				
Chlorobenzene	0.005 U				
Dibromochloromethane	0.005 U				
Chloroethane	0.01 U				
Chloroform	0.005 U				
Chloromethane	0.01 U				
1,1-Dichloroethane	0.005 U				
1,2-Dichloroethane	0.005 U				
1,1-Dichloroethene	0.005 U				
cis-1,2-dichloroethene	0.005 U				
trans-1,2-dichloroethene	0.005 U				
1,2-Dichloropropane	0.005 U				
cis-1,3-dichloropropene	0.005 U				
trans-1,3-dichloropropene	0.005 U				
Ethylbenzene	0.005 U				
2-hexanone	0.01 U				
4-methyl-2-pentanone	0.01 U				
Methylene Chloride	0.01 U				
Styrene	0.005 U				
1,1,2,2-Tetrachloroethane	0.005 U				
Tetrachloroethene	0.005 U				
Toluene	0.005 U				
1,1,1-Trichloroethane	0.005 U				
1,1,2-Trichloroethene	0.005 U				
Trichloroethene	0.005 U				
Vinyl Acetate	0.01 U				
Vinyl Chloride	0.01 U				
Xylenes	0.005 U				
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	0.33 U				
2-Chlorophenol	0.33 U				
2,4-Dimethylphenol	0.33 U				
2,4-Dinitrophenol	1.6 U				
4,6-Dinitro-2-Methylphenol	1.6 U				
2-Methylphenol	0.33 U				
3&4-Methylphenol	0.33 U				
2-Nitrophenol	1.6 U				
4-Nitrophenol	1.6 U				
Pentachlorophenol	1.6 U				
Phenol	0.33 U				
2,4,5-Trichlorophenol	0.66 U				
2,4,6-Trichlorophenol	0.33 U				
Acenaphthene	0.33 U				
Acenaphthylene	0.33 U				
Anthracene	0.33 U				
Benzo(a)anthracene	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

Table 7 (Continued)
Roy F. Weston Soil Analytical Laboratory Data
Rogers Park Pond Parcel

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SS-12 Dup. 0-2'				
	WT ~ NE				
TCL SVOCs - Continued (mg/kg)					
Benzo(b)fluoranthene	0.33 U				
Benzo(k)fluoranthene	0.33 U				
Benzo(g,h,I)perylene	0.33 U				
Benzo(a)pyrene	0.33 U				
Butylbenzylphthalate	0.33 U				
bis(2-chloroethoxy)methane	0.33 U				
bis(2-chloroethyl) ether	0.33 U				
Bis(2-chloroisopropyl)ether	0.33 U				
Bis(2-ethylhexyl)phthalate	0.33 U				
4-bromophenylphenylether	0.33 U				
Carbazole	NA				
2-Chloronaphthalene	0.33 U				
4-Chlorophenyl-phenylether	0.33 U				
4-Chloroaniline	0.33 U				
Chrysene	0.33 U				
Dibenzo(a,h)anthracene	0.33 U				
Dibenzofuran	0.33 U				
Di-n-butylphthalate	0.33 U				
1,2-Dichlorobenzene	0.33 U				
1,3-Dichlorobenzene	0.33 U				
1,4-Dichlorobenzene	0.33 U				
3,3-Dichlorobenzidine	0.66 U				
2,4-Dichlorophenol	0.33 U				
Diethylphthalate	0.33 U				
Dimethylphthalate	0.33 U				
2,4-Dinitrotoluene	0.33 U				
2,6-Dinitrotoluene	0.33 U				
Di-n-octylphthalate	0.33 U				
Fluoranthene	0.33 U				
Fluorene	0.33 U				
Hexachlorobenzene	0.33 U				
Hexachlorobutadiene	0.33 U				
Hexachlorocyclopentadiene	0.33 U				
Hexachloroethane	0.33 U				
Indeno(1,2,3-cd)pyrene	0.33 U				
Isophorone	0.33 U				
2-Methylnaphthalene	0.33 U				
Naphthalene	0.33 U				
2-Nitroaniline	1.6 U				
3-Nitroaniline	1.6 U				
4-Nitroaniline	1.6 U				
Nitrobenzene	0.33 U				
N-nitrosodi-n-propylamine	0.33 U				
N-Nitrosodimethelamine	0.33 U				
N-nitrosodiphenylamine	0.33 U				
Phenanthrene	0.33 U				
Pyrene	0.33 U				
1,2,4-Trichlorobenzene	0.33 U				
Priority Pollutant Metals (mg/kg)					
Antimony	1.8 U				
Arsenic	7.9				
Barium	57.8				
Beryllium	0.8				
Cadmium	0.39				
Chromium	22.2				
Copper	23.7				
Lead	24.3				
Mercury	0.1				
Nickel	31.8				
Selenium	0.52				
Silver	0.45 U				
Thallium	0.91 U				
Zinc	49.6				
Total Cyanide	NA				
SPLP Lead and Chromium (mg/L)					
SPLP Lead	0.017				
SPLP Chromium	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

Table 8
Groundwater Analytical Laboratory Data
Rogers Park Pond 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
Residential Properties
Rogers Park Pond Parcel

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.005 U	0.005 U	0.006
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.033
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.710
Anthracene	23,000	0.025 U	0.025 U	0.025 U	0.223
Benzo[a]anthracene	0.9	0.040	0.025 U	0.025 U	0.663

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.030	0.025 U	0.025 U	0.435
Benzo[k]fluoranthene	9	0.030	0.025 U	0.025 U	0.161
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.277
Benzo[a]pyrene	0.09	0.030	0.025 U	0.025 U	0.271
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	0.054	0.025 U	0.025 U	1.37
Dibenz[a,h]anthracene	0.09	0.025 U	0.025 U	0.025 U	0.281
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	0.072	0.025 U	0.025 U	1.19
Fluorene	3,100	0.025 U	0.025 U	0.025 U	0.176
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.025 U	0.025 U	0.267
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	0.025 U	0.025 U	0.025 U	0.025
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	0.033	0.025 U	0.025 U	0.431
Pyrene	2,300	0.070	0.025 U	0.025 U	1.32
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	7.58	16.50	9.89	5.13
Barium	5,500	364	85.10	67.00	392
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	0.617	0.50 U	0.50 U	1.36
Chromium	390	32.9	31.90	29.20	49.5
Copper	2,900	NA	NA	NA	NA
Lead	400	678.0	21.70	20.30	3,220
Mercury	23	0.069	0.04 U	0.04 U	0.095
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.00 U	1.00 U
Silver	390	0.500 U	0.50 U	0.50 U	0.500 U
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB23-001 0-0.5'
		WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	0.002 U	0.002	0.002	0.002
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	--	0.160	0.372	0.025 U	0.025 U
Anthracene	23,000	0.047	0.113	0.025 U	0.039
Benzo[a]anthracene	0.9	0.125	0.274	0.027	0.143

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB23-001 0-0.5'
		WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.089	0.230	0.025 U	0.100
Benzo[k]fluoranthene	9	0.094	0.233	0.025 U	0.122
Benzo[g,h,i]perylene	--	0.072	0.150	0.025 U	0.094
Benzo[a]pyrene	0.09	0.240	0.268	0.025 U	0.104
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	0.239	0.500	0.034	0.157
Dibenz[a,h]anthracene	0.09	0.025 U	0.065	0.025 U	0.030
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	0.145	0.413	0.025 U	0.275
Fluorene	3,100	0.025 U	0.090	0.025 U	0.025 U
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.152	0.025 U	0.025 U
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	0.090	0.311	0.025 U	0.150
Pyrene	2,300	0.026	0.593	0.034	0.228
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	4.51	4.51	6.54	7.18
Barium	5,500	184	82.3	83.80	126
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	1.74	1.01	0.50 U	0.500 U
Chromium	390	21.3	20.1	27.30	22.5
Copper	2,900	NA	NA	NA	NA
Lead	400	7,230	950	30.40	42.0
Mercury	23	0.040 U	0.040 U	0.04 U	0.043
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.00 U	1.00 U
Silver	390	0.500 U	0.500 U	0.50 U	0.500 U
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	0.002 U	0.002 U	0.005	0.002U
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.005 U	0.006	0.005U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.005 U	0.005 U	0.005 U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005 U	0.012	0.005U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.005 U	0.007	0.005U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.025U
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.025U
Anthracene	23,000	0.025 U	0.025 U	0.025 U	0.027
Benzo[a]anthracene	0.9	0.025 U	0.025 U	0.025 U	0.085

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.025 U	0.025 U	0.025 U	0.053
Benzo[k]fluoranthene	9	0.025 U	0.025 U	0.025 U	0.067
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.036
Benzo[a]pyrene	0.09	0.025 U	0.025 U	0.025 U	0.045
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	0.025 U	0.025 U	0.025 U	0.084
Dibenz[a,h]anthracene	0.09	0.025 U	0.025 U	0.025 U	0.025U
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	0.025 U	0.025 U	0.025 U	0.175
Fluorene	3,100	0.025 U	0.025 U	0.025 U	0.025U
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.025 U	0.025 U	0.040
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	0.025 U	0.025 U	0.025 U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.076
Pyrene	2,300	0.025	0.025 U	0.025 U	0.173
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	6.44	5.53	4.58	14.60
Barium	5,500	71.3	46.8	49.9	23.10
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	0.500 U	0.500 U	0.500 U	0.5U
Chromium	390	23.0	20.3	23.3	19.80
Copper	2,900	NA	NA	NA	NA
Lead	400	24.7	35.8	12.5	32.50
Mercury	23	0.040 U	0.040 U	0.040 U	0.04U
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.00 U	1.04
Silver	390	0.500 U	0.500 U	0.500 U	0.5U
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	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
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB25-001 2-3'	RPM-SB26-001 0-1'	RPM-SB26-002 2-3'	RPM-SB27-001 1-2'
		WT ~ 9'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	0.002U	0.002 U	0.002	0.004
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	0.005U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.005U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	0.005U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	0.005U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	0.025U	0.025 U	0.072	0.025 U
Acenapthylene	--	0.025U	0.025 U	0.264	0.085
Anthracene	23,000	0.025U	0.046	0.260	0.034
Benzo[a]anthracene	0.9	0.025U	0.138	0.712	0.082

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB25-001 2-3'	RPM-SB26-001 0-1'	RPM-SB26-002 2-3'	RPM-SB27-001 1-2'
		WT ~ 9'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.025U	0.054	0.613	0.049
Benzo[k]fluoranthene	9	0.025U	0.054	0.519	0.030
Benzo[g,h,i]perylene	--	0.025U	0.025 U	0.329	0.025 U
Benzo[a]pyrene	0.09	0.025U	0.060	1.21	0.048
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	0.025U	0.171	0.810	0.122
Dibenz[a,h]anthracene	0.09	0.025U	0.025 U	0.088	0.025 U
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	0.034	0.338	1.26	0.172
Fluorene	3,100	0.025U	0.025 U	0.142	0.025 U
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025U	0.026	0.054	0.025 U
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	0.025U	0.025 U	0.025	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	0.025U	0.159	0.685	0.098
Pyrene	2,300	0.040	0.276	1.18	0.157
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	7.83	5.39	7.57	5.20
Barium	5,500	73.40	63.1	62.1	61.0
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	0.5U	0.500 U	0.500 U	0.500 U
Chromium	390	26.20	17.1	18.5	15.9
Copper	2,900	NA	NA	NA	NA
Lead	400	16.70	77.7	122	281
Mercury	23	0.04U	0.134	0.054	0.043
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1U	1.00 U	1.00 U	1.00 U
Silver	390	0.5U	0.500 U	0.500 U	0.500 U
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.25U	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB27-002 2-3'	RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB29-001 2-3'
		WT ~ NE	WT ~ NE	WT ` NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	0.002	0.007	0.002 U	0.002U
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	0.005 U	0.011	0.005 U	0.005U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.005 U	0.005 U	0.005 U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	0.005 U	0.005	0.005 U	0.005U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	0.005 U	0.050	0.005 U	0.005U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	0.025 U	0.025 U	0.025 U	0.036
Acenapthylene	--	0.025 U	0.126	0.025 U	0.025U
Anthracene	23,000	0.025 U	0.072	0.025 U	0.112
Benzo[a]anthracene	0.9	0.025 U	0.178	0.025 U	0.186

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB27-002 2-3'	RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB29-001 2-3'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.025 U	0.112	0.025 U	0.151
Benzo[k]fluoranthene	9	0.025 U	0.119	0.025 U	0.130
Benzo[g,h,i]perylene	--	0.025 U	0.075	0.025 U	0.102
Benzo[a]pyrene	0.09	0.025 U	0.252	0.025 U	0.182
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	0.025 U	0.245	0.025 U	0.172
Dibenz[a,h]anthracene	0.09	0.025 U	0.028	0.025 U	0.055
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	0.025 U	0.315	0.025 U	0.313
Fluorene	3,100	0.025 U	0.034	0.025 U	0.041
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	0.025 U	0.077	0.025 U	0.102
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	0.025 U	0.025 U	0.025 U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.148	0.025 U	0.278
Pyrene	2,300	0.025 U	0.277	0.025 U	0.281
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	3.79	2.25	4.70	5.530
Barium	5,500	68.2	38.2	72.4	37.500
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	0.500 U	0.500 U	0.500 U	0.500U
Chromium	390	29.6	8.73	29.1	11.500
Copper	2,900	NA	NA	NA	NA
Lead	400	18.6	446	19.5	38.900
Mercury	23	0.040 U	0.040 U	0.040 U	0.261
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1.00 U	1.00 U	1.17	1.000U
Silver	390	0.500 U	0.500 U	0.500 U	0.837
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	0.250U

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
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB29A-001 2-3'	RPM-SB30-001 2-3'	RPM-SB31-001 1-2'	RPM-SB31-002 2-3'
		WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	NA
Benzene	22	17.800	27.700	0.007	0.002
Bromodichloromethane	10	NA	NA	NA	NA
Bromoform	81	NA	NA	NA	NA
Bromomethane	110	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA
Carbon Disulfide	7,800	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA
Chlorobenzene	1,600	NA	NA	NA	NA
Dibromochloromethane	1,600	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA
Chloroform	100	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA
1,1-Dichloroethane	7,800	NA	NA	NA	NA
1,2-Dichloroethane	7	NA	NA	NA	NA
1,1-Dichloroethene	700	NA	NA	NA	NA
cis-1,2-dichloroethene	780	NA	NA	NA	NA
trans-1,2-dichloroethene	1,600	NA	NA	NA	NA
1,2-Dichloropropane	9	NA	NA	NA	NA
cis-1,3-dichloropropene	4	NA	NA	NA	NA
trans-1,3-dichloropropene	4	NA	NA	NA	NA
Ethylbenzene	7,800	10.000	8.900	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA
Methylene Chloride	85	NA	NA	NA	NA
Styrene	16,000	0.600	0.084	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA
Tetrachloroethene	12	NA	NA	NA	NA
Toluene	16,000	2.670	0.136	0.005U	0.005U
1,1,1-Trichloroethane	--	NA	NA	NA	NA
1,1,2-Trichloroethene	310	NA	NA	NA	NA
Trichloroethene	58	NA	NA	NA	NA
Vinyl Acetate	78,000	NA	NA	NA	NA
Vinyl Chloride	0.3	NA	NA	NA	NA
Xylenes (total)	160,000	21.200	6.550	0.009	0.005U
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	NA
2-Chlorophenol	390	NA	NA	NA	NA
2,4-Dimethylphenol	1,600	NA	NA	NA	NA
2,4-Dinitrophenol	160	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA
2-Methylphenol	3,900	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA
Pentachlorophenol	3	NA	NA	NA	NA
Phenol	47,000	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	NA	NA	NA	NA
Acenaphthene	4,700	80.500	0.530	0.025U	0.025U
Acenapthylene	--	51.800	0.218	0.025U	0.025U
Anthracene	23,000	149.000	0.385	0.025U	0.025U
Benzo[a]anthracene	0.9	94.800	0.394	0.025U	0.025U

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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB29A-001 2-3'	RPM-SB30-001 2-3'	RPM-SB31-001 1-2'	RPM-SB31-002 2-3'
		WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	19.700	0.174	0.025U	0.025U
Benzo[k]fluoranthene	9	19.500	0.128	0.025U	0.025U
Benzo[g,h,i]perylene	--	12.000	0.077	0.025U	0.025U
Benzo[a]pyrene	0.09	57.200	0.238	0.025U	0.025U
Butylbenzylphthalate	16,000	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.6	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA
Carbazole	32	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA
4-Chloroaniline	310	NA	NA	NA	NA
Chrysene	88	99.500	0.405	0.025U	0.025U
Dibenz[a,h]anthracene	0.09	12.200	0.051	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA
Di-n-butylphthalate	--	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA
3,3-Dichlorobenzidine	1	NA	NA	NA	NA
2,4-Dichlorophenol	230	NA	NA	NA	NA
Diethylphthalate	63,000	NA	NA	NA	NA
Dimethylphthalate	--	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	NA	NA	NA	NA
Di-n-octylphthalate	1,600	NA	NA	NA	NA
Fluoranthene	3,100	155.000	0.472	0.025U	0.025U
Fluorene	3,100	386.000	1.330	0.025U	0.025U
Hexachlorobenzene	0.4	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	NA	NA	NA	NA
Hexachloroethane	78	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	0.9	13.000	0.083	0.025U	0.025U
Isophorone	15,600	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA
Naphthalene	3,100	208.000	1.700	0.025U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA
Nitrobenzene	39	NA	NA	NA	NA
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA
N-nitrosodiphenylamine	130	NA	NA	NA	NA
Phenanthrene	--	376.000	1.930	0.025U	0.025U
Pyrene	2,300	203.000	0.653	0.025U	0.025U
1,2,4-Trichlorobenzene	780	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	NA
Arsenic	13	4.180	4.180	3.590	33.900
Barium	5,500	95.700	91.600	62.400	52.800
Beryllium	160**	NA	NA	NA	NA
Cadmium	78	0.500U	0.515	0.500U	0.500U
Chromium	390	13.600	22.500	20.700	27.200
Copper	2,900	NA	NA	NA	NA
Lead	400	302.000	517.000	19.400	18.500
Mercury	23	0.189	0.040U	0.040U	0.040U
Nickel	1,600	NA	NA	NA	NA
Selenium	390	1.000U	1.000U	1.000U	1.000U
Silver	390	0.500U	0.500U	0.500U	0.500U
Thallium	6.3	NA	NA	NA	NA
Zinc	23,000	NA	NA	NA	NA
Total Cyanide	1,600	0.47U	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
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB61-001 0-1'	RPM-SB61-002 1-2'	RPM-SB61-003 2-3'	SS-12 0-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)					
Acetone	7,800	NA	NA	NA	0.025 UJ
Benzene	22	0.003	0.017	26.0	0.005 UJ
Bromodichloromethane	10	NA	NA	NA	0.005 UJ
Bromoform	81	NA	NA	NA	0.005 UJ
Bromomethane	110	NA	NA	NA	0.01 UJ
2-Butanone	--	NA	NA	NA	0.01 UJ
Carbon Disulfide	7,800	NA	NA	NA	0.005 UJ
Carbon Tetrachloride	5	NA	NA	NA	0.005 UJ
Chlorobenzene	1,600	NA	NA	NA	0.005 UJ
Dibromochloromethane	1,600	NA	NA	NA	0.005 UJ
Chloroethane	--	NA	NA	NA	0.01 UJ
Chloroform	100	NA	NA	NA	0.005 UJ
Chloromethane	--	NA	NA	NA	0.01 UJ
1,1-Dichloroethane	7,800	NA	NA	NA	0.005 UJ
1,2-Dichloroethane	7	NA	NA	NA	0.005 UJ
1,1-Dichloroethene	700	NA	NA	NA	0.005 UJ
cis-1,2-dichloroethene	780	NA	NA	NA	0.005 UJ
trans-1,2-dichloroethene	1,600	NA	NA	NA	0.005 UJ
1,2-Dichloropropane	9	NA	NA	NA	0.005 U
cis-1,3-dichloropropene	4	NA	NA	NA	0.005 UJ
trans-1,3-dichloropropene	4	NA	NA	NA	0.005 UJ
Ethylbenzene	7,800	0.005 U	0.005 U	41.4	0.005 UJ
2-hexanone	--	NA	NA	NA	0.01 UJ
4-methyl-2-pentanone	--	NA	NA	NA	0.01 UJ
Methylene Chloride	85	NA	NA	NA	0.01 UJ
Styrene	16,000	0.005 U	0.005 U	0.050 U	0.005 UJ
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	0.005 UJ
Tetrachloroethene	12	NA	NA	NA	0.005 UJ
Toluene	16,000	0.005 U	0.005	0.978	0.005 UJ
1,1,1-Trichloroethane	--	NA	NA	NA	0.005 UJ
1,1,2-Trichloroethene	310	NA	NA	NA	0.005 UJ
Trichloroethene	58	NA	NA	NA	0.005 UJ
Vinyl Acetate	78,000	NA	NA	NA	0.01 UJ
Vinyl Chloride	0.3	NA	NA	NA	0.01 UJ
Xylenes (total)	160,000	0.005 U	0.005 U	64.100	0.005 UJ
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	NA	NA	NA	0.330 U
2-Chlorophenol	390	NA	NA	NA	0.330 U
2,4-Dimethylphenol	1,600	NA	NA	NA	0.330 U
2,4-Dinitrophenol	160	NA	NA	NA	1.600 U
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	1.600 U
2-Methylphenol	3,900	NA	NA	NA	0.330 UJ
3&4-Methylphenol	--	NA	NA	NA	0.330 U
2-Nitrophenol	--	NA	NA	NA	1.600 U
4-Nitrophenol	--	NA	NA	NA	1.600 U
Pentachlorophenol	3	NA	NA	NA	1.600 U
Phenol	47,000	NA	NA	NA	0.330 U
2,4,5-Trichlorophenol	7,800	NA	NA	NA	0.660 U
2,4,6-Trichlorophenol	58	NA	NA	NA	0.330 U
Acenaphthene	4,700	0.070	0.883	0.735 J	0.33 UJ
Acenapthylene	--	1.060	8.090	0.769 J	0.33 U
Anthracene	23,000	0.351	2.360	0.649 J	0.33 U
Benzo[a]anthracene	0.9	0.741	1.320	0.689 J	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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		RPM-SB61-001 0-1'	RPM-SB61-002 1-2'	RPM-SB61-003 2-3'	SS-12 0-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.316	0.809	0.197 J	0.33 U
Benzo[k]fluoranthene	9	0.389	0.607	0.217 J	0.33 U
Benzo[g,h,i]perylene	--	0.318	2.140	0.144 J	0.33 U
Benzo[a]pyrene	0.09	0.449	1.190	0.339 J	0.33 U
Butylbenzylphthalate	16,000	NA	NA	NA	0.33 U
bis(2-chloroethoxy)methane	--	NA	NA	NA	0.33 U
bis(2-chloroethyl) ether	0.6	NA	NA	NA	0.33 U
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	0.33 U
Bis(2-ethylhexyl)phthalate	46	NA	NA	NA	0.33 U
4-bromophenylphenylether	--	NA	NA	NA	0.33 U
Carbazole	32	NA	NA	NA	0.33 U
2-Chloronaphthalene	--	NA	NA	NA	0.33 U
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.33 UJ
4-Chloroaniline	310	NA	NA	NA	0.33 U
Chrysene	88	0.803	1.340	0.745 J	0.33 U
Dibenz[a,h]anthracene*	0.09	0.170	0.792	0.093 J	0.33 U
Dibenzofuran	--	NA	NA	NA	0.33 U
Di-n-butylphthalate	--	NA	NA	NA	0.33 U
1,2-Dichlorobenzene	7,000	NA	NA	NA	0.33 U
1,3-Dichlorobenzene	--	NA	NA	NA	0.33 U
1,4-Dichlorobenzene	--	NA	NA	NA	0.33 UJ
3,3-Dichlorobenzidine	1	NA	NA	NA	0.66 U
2,4-Dichlorophenol	230	NA	NA	NA	0.330 U
Diethylphthalate	63,000	NA	NA	NA	0.33 U
Dimethylphthalate	--	NA	NA	NA	0.33 U
2,4-Dinitrotoluene	0.9	NA	NA	NA	0.33 U
2,6-Dinitrotoluene	0.9	NA	NA	NA	0.33 U
Di-n-octylphthalate	1,600	NA	NA	NA	0.33 U
Fluoranthene	3,100	1.020	0.951	0.762 J	0.33 U
Fluorene	3,100	0.221	1.950	1.270 J	0.33 U
Hexachlorobenzene	0.4	NA	NA	NA	0.33 U
Hexachlorobutadiene	--	NA	NA	NA	0.33 U
Hexachlorocyclopentadiene	550	NA	NA	NA	0.33 UJ
Hexachloroethane	78	NA	NA	NA	0.33 U
Indeno[1,2,3-cd]pyrene	0.9	0.331	1.590	0.163 J	0.33 U
Isophorone	15,600	NA	NA	NA	0.33 U
2-Methylnaphthalene	--	NA	NA	NA	0.33 U
Naphthalene	3,100	0.025 U	1.900	1.380 J	0.33 U
2-Nitroaniline	--	NA	NA	NA	1.6 U
3-Nitroaniline	--	NA	NA	NA	1.6 U
4-Nitroaniline	--	NA	NA	NA	1.6 U
Nitrobenzene	39	NA	NA	NA	0.33 U
N-nitrosodi-n-propylamine	0.09	NA	NA	NA	0.33 UJ
N-Nitrosodimethylamine	--	NA	NA	NA	0.33 U
N-nitrosodiphenylamine	130	NA	NA	NA	0.33 U
Phenanthrene	--	0.403	0.548	1.740 J	0.33 U
Pyrene	2,300	0.981	2.740	1.510 J	0.33 U
1,2,4-Trichlorobenzene	780	NA	NA	NA	0.330 UJ
Priority Pollutant Metals (mg/kg)					
Antimony	31	NA	NA	NA	1.7
Arsenic	13	5.560	3.070	4.130	7.3
Barium	5,500	73.3	50.8	63.1	66.3
Beryllium	160**	NA	NA	NA	0.89
Cadmium	78	0.500 U	0.500 U	0.500 U	0.4
Chromium	390	16.6	14.0	20.2	23.8
Copper	2,900	NA	NA	NA	25
Lead	400	228	203	20.7	39.2
Mercury	23	0.118	0.048	0.040 U	0.04 U
Nickel	1,600	NA	NA	NA	30.8
Selenium	390	1.000 U	1.000 U	1.000 U	0.7
Silver	390	0.500 U	0.500 U	0.500 U	0.48
Thallium	6.3	NA	NA	NA	0.86
Zinc	23,000	NA	NA	NA	60.7
Total Cyanide	1,600	0.25 U	0.25 U	0.25 U	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		SS-12 Dup. 0-2'			
		WT ~ NE			
TCL VOCs (mg/kg)					
Acetone	7,800	0.025 U			
Benzene	22	0.005 U			
Bromodichloromethane	10	0.005 U			
Bromoform	81	0.005 U			
Bromomethane	110	0.01 U			
2-Butanone	--	0.01 U			
Carbon Disulfide	7,800	0.005 U			
Carbon Tetrachloride	5	0.005 U			
Chlorobenzene	1,600	0.005 U			
Dibromochloromethane	1,600	0.005 U			
Chloroethane	--	0.01 U			
Chloroform	100	0.005 U			
Chloromethane	--	0.01 U			
1,1-Dichloroethane	7,800	0.005 U			
1,2-Dichloroethane	7	0.005 U			
1,1-Dichloroethene	700	0.005 U			
cis-1,2-dichloroethene	780	0.005 U			
trans-1,2-dichloroethene	1,600	0.005 U			
1,2-Dichloropropane	9	0.005 U			
cis-1,3-dichloropropene	4	0.005 U			
trans-1,3-dichloropropene	4	0.005 U			
Ethylbenzene	7,800	0.005 U			
2-hexanone	--	0.01 U			
4-methyl-2-pentanone	--	0.01 U			
Methylene Chloride	85	0.01 U			
Styrene	16,000	0.005 U			
1,1,2,2-Tetrachloroethane	--	0.005 U			
Tetrachloroethene	12	0.005 U			
Toluene	16,000	0.005 U			
1,1,1-Trichloroethane	--	0.005 U			
1,1,2-Trichloroethene	310	0.005 U			
Trichloroethene	58	0.005 U			
Vinyl Acetate	78,000	0.01 U			
Vinyl Chloride	0.3	0.01 U			
Xylenes (total)	160,000	0.005 U			
TCL SVOCs (mg/kg)					
4-Chloro-3-methylphenol	--	0.33 U			
2-Chlorophenol	390	0.33 U			
2,4-Dimethylphenol	1,600	0.33 U			
2,4-Dinitrophenol	160	1.6 U			
4,6-Dinitro-2-Methylphenol	--	1.6 U			
2-Methylphenol	3,900	0.33 U			
3&4-Methylphenol	--	0.33 U			
2-Nitrophenol	--	1.6 U			
4-Nitrophenol	--	1.6 U			
Pentachlorophenol	3	1.6 U			
Phenol	47,000	0.33 U			
2,4,5-Trichlorophenol	7,800	0.66 U			
2,4,6-Trichlorophenol	58	0.33 U			
Acenaphthene	4,700	0.33 U			
Acenapthylene	--	0.33 U			
Anthracene	23,000	0.33 U			
Benzo[a]anthracene	0.9	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 (Illinois EPA 2001).

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		SS-12 Dup. 0-2'			
		WT ~ NE			
TCL SVOCs - Continued (mg/kg)					
Benzo[b]fluoranthene	0.9	0.33 U			
Benzo[k]fluoranthene	9	0.33 U			
Benzo[g,h,i]perylene	--	0.33 U			
Benzo[a]pyrene	0.09	0.33 U			
Butylbenzylphthalate	16,000	0.33 U			
bis(2-chloroethoxy)methane	--	0.33 U			
bis(2-chloroethyl) ether	0.6	0.33 U			
Bis(2-chloroisopropyl)ether	--	0.33 U			
Bis(2-ethylhexyl)phthalate	46	0.33 U			
4-bromophenylphenylether	--	0.33 U			
Carbazole	32	NA			
2-Chloronaphthalene	--	0.33 U			
4-Chlorophenyl-phenylether	--	0.33 U			
4-Chloroaniline	310	0.33 U			
Chrysene	88	0.33 U			
Dibenz[a,h]anthracene*	0.09	0.33 U			
Dibenzofuran	--	0.33 U			
Di-n-butylphthalate	--	0.33 U			
1,2-Dichlorobenzene	7,000	0.33 U			
1,3-Dichlorobenzene	--	0.33 U			
1,4-Dichlorobenzene	--	0.33 U			
3,3-Dichlorobenzidine	1	0.66 U			
2,4-Dichlorophenol	230	0.33 U			
Diethylphthalate	63,000	0.33 U			
Dimethylphthalate	--	0.33 U			
2,4-Dinitrotoluene	0.9	0.33 U			
2,6-Dinitrotoluene	0.9	0.33 U			
Di-n-octylphthalate	1,600	0.33 U			
Fluoranthene	3,100	0.33 U			
Fluorene	3,100	0.33 U			
Hexachlorobenzene	0.4	0.33 U			
Hexachlorobutadiene	--	0.33 U			
Hexachlorocyclopentadiene	550	0.33 U			
Hexachloroethane	78	0.33 U			
Indeno[1,2,3-cd]pyrene	0.9	0.33 U			
Isophorone	15,600	0.33 U			
2-Methylnaphthalene	--	0.33 U			
Naphthalene	3,100	0.33 U			
2-Nitroaniline	--	1.6 U			
3-Nitroaniline	--	1.6 U			
4-Nitroaniline	--	1.6 U			
Nitrobenzene	39	0.33 U			
N-nitrosodi-n-propylamine	0.09	0.33 U			
N-Nitrosodimethylamine	--	0.33 U			
N-nitrosodiphenylamine	130	0.33 U			
Phenanthrene	--	0.33 U			
Pyrene	2,300	0.33 U			
1,2,4-Trichlorobenzene	780	0.33 U			
Priority Pollutant Metals (mg/kg)					
Antimony	31	1.8 U			
Arsenic	13	7.9			
Barium	5,500	57.8			
Beryllium	160**	0.8			
Cadmium	78	0.39			
Chromium	390	22.2			
Copper	2,900	23.7			
Lead	400	24.3			
Mercury	23	0.1			
Nickel	1,600	31.8			
Selenium	390	0.52			
Silver	390	0.45 U			
Thallium	6.3	0.91 U			
Zinc	23,000	49.6			
Total Cyanide	1,600	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
(5) Shaded values exceeded Tier 1 screening level.
(6) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(7) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level
(8) ** Proposed TACO screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB21-004 8-10'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	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	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005 U	0.005 U	0.005 U	0.005 U	0.006
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.033
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.710
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.223
Benzo[a]anthracene	--	0.040	0.025 U	0.025 U	0.025 U	0.663

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB21-004 8-10'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.030	0.025 U	0.025 U	0.025 U	0.435
Benzo[k]fluoranthene	--	0.030	0.025 U	0.025 U	0.025 U	0.161
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.277
Benzo[a]pyrene	--	0.030	0.025 U	0.025 U	0.025 U	0.271
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.054	0.025 U	0.025 U	0.025 U	1.37
Dibenz[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.281
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	0.072	0.025 U	0.025 U	0.025 U	1.19
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.176
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.267
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.033	0.025 U	0.025 U	0.025 U	0.431
Pyrene	--	0.070	0.025 U	0.025 U	0.025 U	1.32
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	7.58	16.50	9.89	6.71	5.13
Barium	690,000	364	85.10	67.00	71.40	392
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.617	0.50 U	0.50 U	0.50 U	1.36
Chromium	270	32.9	31.90	29.20	28.90	49.5
Copper	--	NA	NA	NA	NA	NA
Lead	--	678.0	21.70	20.30	16.00	3,220
Mercury	10	0.069	0.04 U	0.04 U	0.04 U	0.095
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.500 U	0.50 U	0.50 U	0.50 U	0.500 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB22-005 5-7'	RPM-SB23-001 0-0.5'
		WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002	0.002	0.002 U	0.002
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	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	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	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	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	--	0.160	0.372	0.025 U	0.025 U	0.025 U
Anthracene	--	0.047	0.113	0.025 U	0.025 U	0.039
Benzo[a]anthracene	--	0.125	0.274	0.027	0.025 U	0.143

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB22-002 0.5-1'	RPM-SB22-003 1-2'	RPM-SB22-004 2-3'	RPM-SB22-005 5-7'	RPM-SB23-001 0-0.5'
		WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ 7'	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.089	0.230	0.025 U	0.025 U	0.100
Benzo[k]fluoranthene	--	0.094	0.233	0.025 U	0.025 U	0.122
Benzo[g,h,i]perylene	--	0.072	0.150	0.025 U	0.025 U	0.094
Benzo[a]pyrene	--	0.240	0.268	0.025 U	0.025 U	0.104
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.239	0.500	0.034	0.025 U	0.157
Dibenz[a,h]anthracene	--	0.025 U	0.065	0.025 U	0.025 U	0.030
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	0.145	0.413	0.025 U	0.025 U	0.275
Fluorene	--	0.025 U	0.090	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.152	0.025 U	0.025 U	0.025 U
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.090	0.311	0.025 U	0.025 U	0.150
Pyrene	--	0.026	0.593	0.034	0.025 U	0.228
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	4.51	4.51	6.54	12.30	7.18
Barium	690,000	184	82.3	83.80	60.10	126
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	1.74	1.01	0.50 U	0.50 U	0.500 U
Chromium	270	21.3	20.1	27.30	25.70	22.5
Copper	--	NA	NA	NA	NA	NA
Lead	--	7,230	950	30.40	19.40	42.0
Mercury	10	0.040 U	0.040 U	0.04 U	0.04 U	0.043
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.500 U	0.500 U	0.50 U	0.50 U	0.500 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002 U	0.002 U	0.005	0.002 U	0.002U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.006	0.005 U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.005 U	0.005 U	0.005 U	0.005 U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.012	0.005 U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	0.005 U	0.005 U	0.007	0.005 U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.027
Benzo[a]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.085

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.053
Benzo[k]fluoranthene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.067
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.036
Benzo[a]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.045
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.084
Dibenz[a,h]anthracene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	0.025 U	0.025 U	0.025 U	0.025 U	0.175
Fluorene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.040
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.076
Pyrene	--	0.025	0.025 U	0.025 U	0.025 U	0.173
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	6.44	5.53	4.58	10.2	14.60
Barium	690,000	71.3	46.8	49.9	65.2	23.10
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
Chromium	270	23.0	20.3	23.3	27.0	19.80
Copper	--	NA	NA	NA	NA	NA
Lead	--	24.7	35.8	12.5	15.1	32.50
Mercury	10	0.040 U	0.040 U	0.040 U	0.040 U	0.04U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.04
Silver	--	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.25 U	0.25U

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
		WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.007	0.002	0.002U	0.003J	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene*	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005U	0.005U	0.005U	0.005U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.005U	0.005U	0.005U	0.005U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005U	0.005U	0.005U	0.005U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes	410	0.005U	0.005U	0.005U	0.005U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Anthracene	--	0.025U	0.025U	0.025U	0.025U	0.046
Benzo(a)anthracene	--	0.025U	0.025U	0.025U	0.025U	0.138

NOTES:
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
		WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.054
Benzo(k)fluoranthene	--	0.025U	0.025U	0.025U	0.025U	0.054
Benzo(g,h,I)perylene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Benzo(a)pyrene	--	0.025U	0.025U	0.025U	0.025U	0.060
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether*	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
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	0.171
Dibenzo(a,h)anthracene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.034	0.025U	0.338
Fluorene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	--	0.025U	0.025U	0.025U	0.025U	0.026
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethelamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025U	0.025U	0.025U	0.025U	0.159
Pyrene	--	0.025U	0.025U	0.040	0.025U	0.276
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	10.70	5.72	7.83	2.44	5.39
Barium	690,000	60.20	39.40	73.40	39.70	63.1
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.5U	0.5U	0.5U	0.5U	0.500 U
Chromium	270	27.00	16.70	26.20	16.80	17.1
Copper	--	NA	NA	NA	NA	NA
Lead	--	18.70	16.90	16.70	14.10	77.7
Mercury	10	0.050	0.044	0.04U	0.04U	0.134
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1U	1U	1U	1U	1.00 U
Silver	--	0.5U	0.5U	0.5U	0.5U	0.500 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide (amenable)	--	0.25U	0.25U	0.25U	0.25U	0.25 U

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB26-002 2-3'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.002	0.002 U	0.004	0.002	0.002 U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	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	11	NA	NA	NA	NA	NA
Toluene	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	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	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.072	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	--	0.264	0.025 U	0.085	0.025 U	0.062
Anthracene	--	0.260	0.025 U	0.034	0.025 U	0.029
Benzo[a]anthracene	--	0.712	0.025 U	0.082	0.025 U	0.057

NOTES:
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB26-002 2-3'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.613	0.025 U	0.049	0.025 U	0.034
Benzo[k]fluoranthene	--	0.519	0.025 U	0.030	0.025 U	0.027
Benzo[g,h,i]perylene	--	0.329	0.025 U	0.025 U	0.025 U	0.029
Benzo[a]pyrene	--	1.21	0.025 U	0.048	0.025 U	0.036
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.810	0.025 U	0.122	0.025 U	0.119
Dibenz[a,h]anthracene	--	0.088	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	1.26	0.025 U	0.172	0.025 U	0.151
Fluorene	--	0.142	0.025 U	0.025 U	0.025 U	0.031
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.054	0.025 U	0.025 U	0.025 U	0.028
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.685	0.025 U	0.098	0.025 U	0.087
Pyrene	--	1.18	0.025 U	0.157	0.025 U	0.151
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	7.57	5.05	5.20	3.79	4.77
Barium	690,000	62.1	62.1	61.0	68.2	96.0
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chromium	270	18.5	24.7	15.9	29.6	25.1
Copper	--	NA	NA	NA	NA	NA
Lead	--	122	12.5	281	18.6	14.0
Mercury	10	0.054	0.040 U	0.043	0.040 U	0.040 U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver	--	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.60	0.25 U	0.25 U	0.25 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 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	0.8	0.007	0.002 U	0.002 U	0.002U	0.004
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.011	0.005 U	0.005 U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.005 U	0.005 U	0.005 U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005	0.005 U	0.005 U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	0.050	0.005 U	0.005 U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025 U	0.025 U	0.025 U	0.036	0.029J
Acenapthylene	--	0.126	0.025 U	0.025 U	0.025U	0.267J
Anthracene	--	0.072	0.025 U	0.025 U	0.112	0.08J
Benzo[a]anthracene	--	0.178	0.025 U	0.025 U	0.186	0.221J

NOTES:
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 5-7'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.112	0.025 U	0.025 U	0.151	0.113J
Benzo[k]fluoranthene	--	0.119	0.025 U	0.025 U	0.130	0.136J
Benzo[g,h,i]perylene	--	0.075	0.025 U	0.025 U	0.102	0.1J
Benzo[a]pyrene	--	0.252	0.025 U	0.025 U	0.182	0.248J
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.245	0.025 U	0.025 U	0.172	0.265J
Dibenz[a,h]anthracene	--	0.028	0.025 U	0.025 U	0.055	0.065J
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	0.315	0.025 U	0.025 U	0.313	0.122J
Fluorene	--	0.034	0.025 U	0.025 U	0.041	0.047J
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.077	0.025 U	0.025 U	0.102	0.102J
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025 U	0.025 U	0.025 U	0.025U	0.076J
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.148	0.025 U	0.025 U	0.278	0.089J
Pyrene	--	0.277	0.025 U	0.025 U	0.281	0.229J
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	2.25	4.70	11.6	5.530	9.650
Barium	690,000	38.2	72.4	52.9	37.500	61.900
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500 U	0.500 U	0.500 U	0.500U	0.500U
Chromium	270	8.73	29.1	29.6	11.500	21.200
Copper	--	NA	NA	NA	NA	NA
Lead	--	446	19.5	30.8	38.900	64.000
Mercury	10	0.040 U	0.040 U	0.040 U	0.261	0.137
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.00 U	1.17	1.00 U	1.000U	1.000U
Silver	--	0.500 U	0.500 U	0.500 U	0.837	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25 U	0.25 U	0.25 U	0.250U	0.250U

NOTES:
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 3-5'	RPM-SB30-003 7-9'
		WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	17.800	0.200	27.700	124.000	31.300
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	10.000	0.170	8.900	43.100	11.200
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.600	0.084	0.084	0.100U	0.055
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	2.670	0.397	0.136	0.144	0.820
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	21.200	1.280	6.550	19.200	7.860
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	80.500	0.129J	0.530	2.110	3.820
Acenapthylene	--	51.800	0.218J	0.218	2.710	2.840
Anthracene	--	149.000	0.41J	0.385	2.180	3.850
Benzo[a]anthracene	--	94.800	0.305J	0.394	2.590	4.730

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(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 8-10'	RPM-SB30-003 7-9'
		WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	19.700	0.1J	0.174	0.857	1.920
Benzo[k]fluoranthene	--	19.500	0.076J	0.128	0.673	1.370
Benzo[g,h,i]perylene	--	12.000	0.044J	0.077	0.384	0.738
Benzo[a]pyrene	--	57.200	0.136J	0.238	2.070	2.910
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	99.500	0.32J	0.405	2.590	5.010
Dibenz[a,h]anthracene	--	12.200	0.029J	0.051	0.356	0.574
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	155.000	0.45J	0.472	1.230	5.910
Fluorene	--	386.000	1.29J	1.330	3.270	6.240
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	13.000	0.045J	0.083	0.399	0.799
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	208.000	0.607J	1.700	9.460	8.540
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	376.000	1.24J	1.930	7.570	12.900
Pyrene	--	203.000	0.613J	0.653	3.000	8.430
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	4.180	5.300	4.180	18.000	4.630
Barium	690,000	95.700	58.800	91.600	70.900	45.500
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500U	0.500U	0.515	0.500U	0.500U
Chromium	270	13.600	13.100	22.500	22.700	15.500
Copper	--	NA	NA	NA	NA	NA
Lead	--	302.000	61.200	517.000	43.900	132.000
Mercury	10	0.189	0.103	0.040U	0.040U	0.040U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.000U	1.000U	1.000U	1.000U	1.000U
Silver	--	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.47U	0.25U	0.25U	0.25U	0.25U

NOTES:
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
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(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB31-001 1-2'	RPM-SB31-002 2-3'	RPM-SB31-003 5-7'	RPM-SB61-001 0-1'	RPM-SB61-002 1-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	0.007	0.002	0.002	0.003	0.017
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	0.005U	0.005U	0.005U	0.005 U	0.005 U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.005U	0.005U	0.005U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.005U	0.005U	0.005U	0.005 U	0.005
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	0.009	0.005U	0.005U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.025U	0.025U	0.025U	0.070	0.883
Acenapthylene	--	0.025U	0.025U	0.025U	1.060	8.090
Anthracene	--	0.025U	0.025U	0.025U	0.351	2.360
Benzo[a]anthracene	--	0.025U	0.025U	0.025U	0.741	1.320

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB31-001 1-2'	RPM-SB31-002 2-3'	RPM-SB31-003 5-7'	RPM-SB61-001 0-1'	RPM-SB61-002 1-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.316	0.809
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.389	0.607
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.318	2.140
Benzo[a]pyrene	--	0.025U	0.025U	0.025U	0.449	1.190
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
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	0.803	1.340
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.170	0.792
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	1.020	0.951
Fluorene	--	0.025U	0.025U	0.025U	0.221	1.950
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.331	1.590
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	0.025U	0.025U	0.025U	0.025 U	1.900
2-Nitroaniline	--	NA	NA	NA	NA	NA
3-Nitroaniline	--	NA	NA	NA	NA	NA
4-Nitroaniline	--	NA	NA	NA	NA	NA
Nitrobenzene	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	0.025U	0.025U	0.025U	0.403	0.548
Pyrene	--	0.025U	0.025U	0.025U	0.981	2.740
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	3.590	33.900	9.520	5.560	3.070
Barium	690,000	62.400	52.800	37.900	73.300	50.800
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500U	0.500U	0.500U	0.500 U	0.500 U
Chromium	270	20.700	27.200	14.100	16.600	14.000
Copper	--	NA	NA	NA	NA	NA
Lead	--	19.400	18.500	15.500	228.000	203.000
Mercury	10	0.040U	0.040U	0.040U	0.118	0.048
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.000U	1.000U	1.000U	1.000 U	1.000 U
Silver	--	0.500U	0.500U	0.500U	0.500 U	0.500 U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide	--	0.25U	0.25U	0.25U	0.25 U	0.25 U

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB61-003 2-3'	RPM-SB61-004 4-6'	RPM-SB70-001 6-8'	RPM-SB71-001 6-8'	RPM-SB72-001 6-8'
		WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	NA	NA
Benzene	0.8	26.000	115	0.002U	0.002U	0.002U
Bromodichloromethane	3,000	NA	NA	NA	NA	NA
Bromoform	53	NA	NA	NA	NA	NA
Bromomethane	10	NA	NA	NA	NA	NA
2-Butanone	--	NA	NA	NA	NA	NA
Carbon Disulfide	720	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	NA	NA	NA	NA	NA
Chlorobenzene	130	NA	NA	NA	NA	NA
Dibromochloromethane	1,300	NA	NA	NA	NA	NA
Chloroethane	--	NA	NA	NA	NA	NA
Chloroform	0.3	NA	NA	NA	NA	NA
Chloromethane	--	NA	NA	NA	NA	NA
1,1-Dichloroethane	1,300	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4	NA	NA	NA	NA	NA
1,1-Dichloroethene	1,500	NA	NA	NA	NA	NA
cis-1,2-dichloroethene	1,200	NA	NA	NA	NA	NA
trans-1,2-dichloroethene	3,100	NA	NA	NA	NA	NA
1,2-Dichloropropane	15	NA	NA	NA	NA	NA
cis-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
trans-1,3-dichloropropene	0.1	NA	NA	NA	NA	NA
Ethylbenzene	400	41.400	36.5	0.005U	0.005U	0.005U
2-hexanone	--	NA	NA	NA	NA	NA
4-methyl-2-pentanone	--	NA	NA	NA	NA	NA
Methylene Chloride	13	NA	NA	NA	NA	NA
Styrene	1,500	0.050 U	4.99	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	11	NA	NA	NA	NA	NA
Toluene	650	0.978	73.2	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	1,200	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	1,800	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA
Vinyl Acetate	1,000	NA	NA	NA	NA	NA
Vinyl Chloride	0.03	NA	NA	NA	NA	NA
Xylenes (total)	410	64.100	72.2	0.005U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	53000	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	NA	NA
2-Methylphenol	--	NA	NA	NA	NA	NA
3&4-Methylphenol	--	NA	NA	NA	NA	NA
2-Nitrophenol	--	NA	NA	NA	NA	NA
4-Nitrophenol	--	NA	NA	NA	NA	NA
Pentachlorophenol	--	NA	NA	NA	NA	NA
Phenol	--	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	--	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	200	NA	NA	NA	NA	NA
Acenaphthene	--	0.735 J	5.150	0.025U	0.025U	0.025U
Acenapthylene	--	0.769 J	6.700	0.025U	0.025U	0.041
Anthracene	--	0.649 J	7.910	0.025U	0.025U	0.025U
Benzo[a]anthracene	--	0.689 J	6.290	0.025U	0.025U	0.029

NOTES:
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(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB61-003 2-3'	RPM-SB61-004 4-6'	RPM-SB70-001 6-8'	RPM-SB71-001 6-8'	RPM-SB72-001 6-8'
		WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.197 J	1.320	0.025U	0.025U	0.041
Benzo[k]fluoranthene	--	0.217 J	1.200	0.025U	0.025U	0.031
Benzo[g,h,i]perylene	--	0.144 J	0.587	0.025U	0.025U	0.030
Benzo[a]pyrene	--	0.339 J	1.780	0.025U	0.025U	0.035
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
bis(2-chloroethoxy)methane	--	NA	NA	NA	NA	NA
bis(2-chloroethyl) ether*	0.2	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	--	0.745 J	6.610	0.025U	0.025U	0.056
Dibenz[a,h]anthracene	--	0.093 J	0.478	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	560	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	--	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	NA	NA	NA	NA	NA
Diethylphthalate	2000	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	--	0.762 J	7.810	0.025U	0.025U	0.043
Fluorene	--	1.270 J	14.400	0.025U	0.025U	0.025U
Hexachlorobenzene	1	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	10	NA	NA	NA	NA	NA
Hexachloroethane	--	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	--	0.163 J	0.712	0.025U	0.025U	0.027
Isophorone	4600	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	--	1.380 J	15.600	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	92	NA	NA	NA	NA	NA
N-nitrosodi-n-propylamine	--	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	--	NA	NA	NA	NA	NA
Phenanthrene	--	1.740 J	33.800	0.025U	0.025U	0.031
Pyrene	--	1.510 J	10.300	0.025U	0.025U	0.063
1,2,4-Trichlorobenzene	3200	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	NA	NA
Arsenic	750	4.130	5.140	6.03	3.12	2.24
Barium	690,000	63.100	48.000	27.60	34.40	51.10
Beryllium	1,300	NA	NA	NA	NA	NA
Cadmium	1,800	0.500 U	0.500 U	0.500U	0.500U	0.500U
Chromium	270	20.200	20.900	14.50	18.90	22.70
Copper	--	NA	NA	NA	NA	NA
Lead	--	20.700	13.500	12.10	14.10	42.70
Mercury	10	0.040 U	0.040 U	0.040U	0.040U	0.040U
Nickel	13,000	NA	NA	NA	NA	NA
Selenium	--	1.000 U	1.000 U	1.00U	1.00U	1.00U
Silver	--	0.500 U	0.500 U	0.500U	0.500U	0.500U
Thallium	--	NA	NA	NA	NA	NA
Zinc	--	NA	NA	NA	NA	NA
Total Cyanide (amenable)	--	0.25 U	0.25 U	0.25U	0.25U	0.25U

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB73-001 3-5' WT ~ 12'	RPM-SB74-001 6-8' WT ~ 5'	RPM-SB75-001 7-8' WT ~ 7.5'	B-12 8-10' WT ~ 8'	B-13 3.5-4.5' WT ~ 8'
TCL VOCs (mg/kg)						
Acetone	100,000	NA	NA	NA	0.025 U	0.025 U
Benzene	0.8	0.002U	0.002U	0.002U	0.156	0.01
Bromodichloromethane	3,000	NA	NA	NA	0.005 U	0.005 U
Bromoform	53	NA	NA	NA	0.005 U	0.005 U
Bromomethane	10	NA	NA	NA	0.01 U	0.01 U
2-Butanone	--	NA	NA	NA	0.01 U	0.01 U
Carbon Disulfide	720	NA	NA	NA	0.033	0.005 U
Carbon Tetrachloride	0.3	NA	NA	NA	0.005 U	0.005 U
Chlorobenzene	130	NA	NA	NA	0.005 U	0.005 U
Dibromochloromethane	1,300	NA	NA	NA	0.005 U	0.005 U
Chloroethane	--	NA	NA	NA	0.01 U	0.01 U
Chloroform	0.3	NA	NA	NA	0.005 U	0.005 U
Chloromethane	--	NA	NA	NA	0.01 U	0.01 U
1,1-Dichloroethane	1,300	NA	NA	NA	0.005 U	0.005 U
1,2-Dichloroethane	0.4	NA	NA	NA	0.005 U	0.005 U
1,1-Dichloroethene	1,500	NA	NA	NA	0.005 U	0.005 U
cis-1,2-dichloroethene	1,200	NA	NA	NA	0.005 U	0.005 U
trans-1,2-dichloroethene	3,100	NA	NA	NA	0.005 U	0.005 U
1,2-Dichloropropane	15	NA	NA	NA	0.005 U	0.005 U
cis-1,3-dichloropropene	0.1	NA	NA	NA	0.005 U	0.005 U
trans-1,3-dichloropropene	0.1	NA	NA	NA	0.005 U	0.005 U
Ethylbenzene	400	0.005U	0.005U	0.005U	0.006	0.157
2-hexanone	--	NA	NA	NA	0.01 U	0.01 U
4-methyl-2-pentanone	--	NA	NA	NA	0.01 U	0.01 U
Methylene Chloride	13	NA	NA	NA	0.01 U	0.01 U
Styrene	1,500	0.005U	0.005U	0.005U	0.005 U	0.007
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	0.005 U	0.005 U
Tetrachloroethene	11	NA	NA	NA	0.005 U	0.005 U
Toluene	650	0.005U	0.005U	0.005U	0.005 U	0.005
1,1,1-Trichloroethane	1,200	NA	NA	NA	0.005 U	0.005 U
1,1,2-Trichloroethene	1,800	NA	NA	NA	0.005 U	0.005 U
Trichloroethene	5	NA	NA	NA	0.005 U	0.005 U
Vinyl Acetate	1,000	NA	NA	NA	0.01 U	0.01 U
Vinyl Chloride	0.03	NA	NA	NA	0.01 U	0.01 U
Xylenes (total)	410	0.031	0.005U	0.005U	0.062	0.143
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	0.330 U	0.330 U
2-Chlorophenol	53000	NA	NA	NA	0.330 U	0.330 U
2,4-Dimethylphenol	--	NA	NA	NA	0.330 U	0.330 U
2,4-Dinitrophenol	--	NA	NA	NA	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	1.600 U	1.600 U
2-Methylphenol	--	NA	NA	NA	0.330 U	0.330 U
3&4-Methylphenol	--	NA	NA	NA	0.330 U	0.330 U
2-Nitrophenol	--	NA	NA	NA	1.600 U	1.600 U
4-Nitrophenol	--	NA	NA	NA	1.600 U	1.600 U
Pentachlorophenol	--	NA	NA	NA	1.600 U	1.600 U
Phenol	--	NA	NA	NA	0.330 U	0.330 U
2,4,5-Trichlorophenol	--	NA	NA	NA	0.660 U	0.660 U
2,4,6-Trichlorophenol	200	NA	NA	NA	0.330 U	0.330 U
Acenaphthene	--	0.025U	0.025U	0.025U	0.33 UJ	10.6 J
Acenapthylene	--	0.025U	0.040	0.025U	0.33 U	0.33 U
Anthracene	--	0.025U	0.026	0.025U	0.33 U	13.9
Benzo[a]anthracene	--	0.025U	0.056	0.025U	0.33 U	7.08

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB73-001 3-5' WT ~ 12'	RPM-SB74-001 6-8' WT ~ 5'	RPM-SB75-001 7-8' WT ~ 7.5'	B-12 8-10' WT ~ 8'	B-13 3.5-4.5' WT ~ 8'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.025U	0.025U	0.025U	0.33 U	1.22
Benzo[k]fluoranthene	--	0.025U	0.025U	0.025U	0.33 U	1.09
Benzo[g,h,i]perylene	--	0.025U	0.027	0.025U	0.33 U	2.87
Benzo[a]pyrene	--	0.025U	0.043	0.025U	0.33 U	1.81
Butylbenzylphthalate	930	NA	NA	NA	0.33 U	0.330 U
bis(2-chloroethoxy)methane	--	NA	NA	NA	0.33 U	0.330 U
bis(2-chloroethyl) ether*	0.2	NA	NA	NA	0.33 U	0.330 U
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	0.33 U	0.330 U
4-bromophenylphenylether	--	NA	NA	NA	0.33 U	0.330 U
Carbazole	--	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	0.33 U	0.330 U
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.33 U	0.330 U
4-Chloroaniline	--	NA	NA	NA	0.33 U	0.330 U
Chrysene	--	0.026	0.061	0.025U	0.33 U	7.88
Dibenz[a,h]anthracene	--	0.025U	0.025U	0.025U	0.33 U	0.931
Dibenzofuran	--	NA	NA	NA	0.33 U	0.33 U
Di-n-butylphthalate	2300	NA	NA	NA	0.33 U	0.330 U
1,2-Dichlorobenzene	560	NA	NA	NA	0.33 U	0.330 U
1,3-Dichlorobenzene	--	NA	NA	NA	0.33 U	0.330 U
1,4-Dichlorobenzene	--	NA	NA	NA	0.33 UJ	0.330 UJ
3,3-Dichlorobenzidine	--	NA	NA	NA	0.66 U	0.660 U
2,4-Dichlorophenol	--	NA	NA	NA	0.33 U	0.330 U
Diethylphthalate	2000	NA	NA	NA	0.33 U	0.330 U
Dimethylphthalate	--	NA	NA	NA	0.33 U	0.330 U
2,4-Dinitrotoluene	--	NA	NA	NA	0.33 U	0.330 U
2,6-Dinitrotoluene	--	NA	NA	NA	0.33 U	0.330 U
Di-n-octylphthalate	10000	NA	NA	NA	0.33 U	0.330 U
Fluoranthene	--	0.041	0.044	0.025U	0.33 U	14.0
Fluorene	--	0.025U	0.037	0.025U	0.33 U	23.9
Hexachlorobenzene	1	NA	NA	NA	0.33 U	0.330 U
Hexachlorobutadiene	--	NA	NA	NA	0.33 U	0.330 U
Hexachlorocyclopentadiene	10	NA	NA	NA	0.33 U	0.330 U
Hexachloroethane	--	NA	NA	NA	0.33 U	0.330 U
Indeno[1,2,3-cd]pyrene	--	0.025U	0.025U	0.025U	0.33 U	1.90
Isophorone	4600	NA	NA	NA	0.33 U	0.330 U
2-Methylnaphthalene	--	NA	NA	NA	0.33 U	1.07
Naphthalene	--	0.025U	0.025U	0.025U	0.33 U	6.46
2-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
3-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
4-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
Nitrobenzene	92	NA	NA	NA	0.33 U	0.330 U
N-nitrosodi-n-propylamine	--	NA	NA	NA	0.33 U	0.330 U
N-Nitrosodimethylamine	--	NA	NA	NA	0.33 UJ	0.330 U
N-nitrosodiphenylamine	--	NA	NA	NA	0.33 U	0.330 U
Phenanthrene	--	0.025U	0.055	0.025U	0.33 U	54.5
Pyrene	--	0.037	0.068	0.025U	0.33 U	20.4
1,2,4-Trichlorobenzene	3200	NA	NA	NA	0.33 UJ	0.330 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	--	NA	NA	NA	2.3 U	1.9 U
Arsenic	750	7.93	5.95	7.13	3	2.5
Barium	690,000	66.80	55.30	54.70	44.9	39.5
Beryllium	1,300	NA	NA	NA	0.46 U	0.47
Cadmium	1,800	0.500U	0.500U	0.500U	0.23 U	0.2
Chromium	270	20.40	19.40	21.50	13.8	12.9
Copper	--	NA	NA	NA	17.1	16.7
Lead	--	65.90	29.00	13.80	10.5	250
Mercury	10	0.040U	0.040U	0.040U	0.07	0.04 U
Nickel	13,000	NA	NA	NA	16.5	16.7
Selenium	--	1.00U	1.00U	1.00U	0.58 U	0.47
Silver	--	0.500U	0.500U	0.500U	0.58 U	0.47 U
Thallium	--	NA	NA	NA	1.2 U	0.93 U
Zinc	--	NA	NA	NA	43.1	3880
Total Cyanide (amenable)	--	0.25U	0.25U	0.25U	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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'	B-16 8-10'	B-18 6-8'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	100,000	0.025 UJ	NA	0.025 UJ	0.5 UJ	0.5 UJ
Benzene	0.8	0.005 U	NA	2.55 J	0.200 U	**72.1**
Bromodichloromethane	3,000	0.005 U	NA	0.005 UJ	0.15 U	0.15 U
Bromoform	53	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Bromomethane	10	0.01 U	NA	0.01 UJ	0.2 U	0.2 U
2-Butanone	--	0.01 U	NA	0.01 UJ	0.25 U	0.25 U
Carbon Disulfide	720	0.005 U	NA	0.028 J	0.25 U	0.25 U
Carbon Tetrachloride	0.3	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Chlorobenzene	130	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Dibromochloromethane	1,300	0.01 U	NA	0.01 U	0.005 U	0.15 U
Chloroethane	--	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Chloroform	0.3	0.01 U	NA	0.01 UJ	0.25 U	0.25 U
Chloromethane	--	0.005 U	NA	0.005 UJ	0.3 U	0.3 U
1,1-Dichloroethane	1,300	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
1,2-Dichloroethane	0.4	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
1,1-Dichloroethene	1,500	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
cis-1,2-dichloroethene	1,200	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
trans-1,2-dichloroethene	3,100	0.005 U	NA	0.005 UJ	0.25 U	0.25 U
1,2-Dichloropropane	15	0.005 U	NA	0.005 UJ	0.15 U	0.15 U
cis-1,3-dichloropropene	0.1	0.005 U	NA	0.005 UJ	0.15 U	0.15 U
trans-1,3-dichloropropene	0.1	0.005 U	NA	0.005 UJ	0.15 U	0.15 U
Ethylbenzene	400	0.005 U	NA	0.006 J	0.15 U	59.4
2-hexanone	--	0.01 U	NA	0.01 UJ	0.15 U	0.15 U
4-methyl-2-pentanone	--	0.01 U	NA	0.01 UJ	0.15 U	0.15 U
Methylene Chloride	13	0.01 U	NA	0.01 UJ	0.25 U	0.25 U
Styrene	1,500	0.005 U	NA	1.78 J	0.15 U	0.15 U
1,1,2,2-Tetrachloroethane	--	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Tetrachloroethene	11	0.005 U	NA	0.005 UJ	0.15 U	0.15 U
Toluene	650	0.005 UJ	NA	0.005 UJ	0.2 U	69.7
1,1,1-Trichloroethane	1,200	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
1,1,2-Trichloroethene	1,800	0.005 U	NA	0.005 UJ	0.2 U	0.2 U
Trichloroethene	5	0.005 UJ	NA	0.005 UJ	0.2 U	0.2 U
Vinyl Acetate	1,000	0.01 U	NA	0.01 UJ	N/A	0.35 U
Vinyl Chloride	0.03	0.01 U	NA	0.01 UJ	0.2 U	0.2 U
Xylenes (total)	410	0.005 U	NA	12.1 J	0.45 U	115
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	53000	0.330 UJ	0.330 UJ	0.330 U	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	2.200 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	--	0.330 UJ	0.330 UJ	0.330 U	0.440 U	0.330 UJ
3&4-Methylphenol	--	0.330 U	0.330 U	0.330 U	0.440 U	0.330 U
2-Nitrophenol	--	0.400 U	0.400 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	--	2.000 U	2.000 U	1.600 U	1.600 U	1.600 U
Phenol	--	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
2,4,5-Trichlorophenol	--	0.660 U	0.660 U	0.660 U	0.660 U	0.660 U
2,4,6-Trichlorophenol	200	0.330 U	0.330 U	0.330 U	0.330 U	0.330 U
Acenaphthene	--	0.33 UJ	0.33 UJ	1.42 J	0.33 U	12.9 J
Acenapthylene	--	0.33 U	0.33 U	7.96	1.75	13.5
Anthracene	--	0.33 U	0.33 U	6.98	5.84	21.1
Benzo[a]anthracene	--	0.33 U	0.33 U	4.13	2.7	13.7

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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'	B-16 8-10'	B-18 6-8'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	--	0.33 U	0.33 U	0.723	0.361	1.19
Benzo[k]fluoranthene	--	0.33 U	0.33 U	0.546	0.362	1.00
Benzo[g,h,i]perylene	--	0.33 U	0.33 U	0.496	0.33 U	3.09
Benzo[a]pyrene	--	0.33 U	0.33 U	0.924	0.437	1.64
Butylbenzylphthalate	930	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*	0.2	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	31000	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	N/A	NA
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	N/A	0.33 U
Chrysene	--	0.33 U	0.33 U	4.45	2.96	17.3
Dibenz[a,h]anthracene	--	0.33 U	0.33 U	0.33 U	0.33 U	1.80
Dibenzofuran	--	0.33 U	0.33 U	0.617	0.33 U	0.33 U
Di-n-butylphthalate	2300	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	560	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	--	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	--	0.330 U	0.33 U	0.33 U	0.33 U	0.33 U
Diethylphthalate	2000	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 UJ	0.33 U
2,6-Dinitrotoluene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	10000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	--	0.33 U	0.33 U	6.62	4.64	23.4
Fluorene	--	0.33 U	0.33 U	7.51	5.80	35.0
Hexachlorobenzene	1	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorobutadiene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	10	0.33 UJ	0.33 UJ	0.33 U	0.33 J	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	--	0.33 U	0.33 U	0.33 U	0.33 U	2.25
Isophorone	4600	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	--	0.33 U	0.33 U	13.70	0.424 J	105
Naphthalene	--	0.33 U	0.33 U	17.20	0.577	107
2-Nitroaniline	--	1.6 U	1.60 U	1.60 U	1.60 U	1.6 U
3-Nitroaniline	--	1.6 U	1.60 U	1.60 U	1.60 U	1.6 U
4-Nitroaniline	--	1.6 U	1.60 U	1.60 U	1.60 U	1.6 U
Nitrobenzene	92	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	--	0.33 U	0.33 U	0.33 UJ	0.33 U	0.33 UJ
N-Nitrosodimethylamine	--	0.33 U	0.33 U	0.33 U	0.33 UJ	0.33 U
N-nitrosodiphenylamine	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Phenanthrene	--	0.33 U	0.33 U	20.30	17.70	90.1
Pyrene	--	0.33 U	0.33 U	9.31	6.58 J	33.0
1,2,4-Trichlorobenzene	3200	0.330 UJ	0.33 UJ	0.33 UJ	0.33 U	0.330 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	--	2.2 U	2 U	1.9 U	2.1 U	2.1 U
Arsenic	750	8.8	3.7	8.2	6.4	4.2
Barium	690,000	58.2	43.9	34.9	50.4	51.6
Beryllium	1,300	0.72	0.69	0.53	0.67	0.72
Cadmium	1,800	0.51	0.44	0.19 U	0.21 U	0.43
Chromium	270	20.6	21.7	16.1	20.7	21.5
Copper	--	26.4	29	25.9	29	26.1
Lead	--	12.4	19.4	12.9	13.7	11.8
Mercury	10	0.04 U	0.04 U	0.07	0.04 U	0.04 U
Nickel	13,000	31.7	29.3	26.3	32.2	29.7
Selenium	--	0.91	0.51	0.49 U	0.53 U	0.51 U
Silver	--	0.55 U	0.5 U	0.49 U	0.53 U	0.51 U
Thallium	--	1.1 U	1.2	0.97 U	1.1 U	1.3
Zinc	--	44	46.5	42.4	63.2	44.5
Total Cyanide (amenable)	--	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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-12 0-2'	SS-12 Dup. 0-2'			
		WT ~ NE	WT ~ NE			
TCL VOCs (mg/kg)						
Acetone	100,000	0.025 UJ	0.025 U			
Benzene	0.8	0.005 UJ	0.005 U			
Bromodichloromethane	3,000	0.005 UJ	0.005 U			
Bromoform	53	0.005 UJ	0.005 U			
Bromomethane	10	0.01 UJ	0.01 U			
2-Butanone	--	0.01 UJ	0.01 U			
Carbon Disulfide	720	0.005 UJ	0.005 U			
Carbon Tetrachloride	0.3	0.005 UJ	0.005 U			
Chlorobenzene	130	0.005 UJ	0.005 U			
Dibromochloromethane	1,300	0.005 UJ	0.005 U			
Chloroethane	--	0.01 UJ	0.01 U			
Chloroform	0.3	0.005 UJ	0.005 U			
Chloromethane	--	0.01 UJ	0.01 U			
1,1-Dichloroethane	1,300	0.005 UJ	0.005 U			
1,2-Dichloroethane	0.4	0.005 UJ	0.005 U			
1,1-Dichloroethene	1,500	0.005 UJ	0.005 U			
cis-1,2-dichloroethene	1,200	0.005 UJ	0.005 U			
trans-1,2-dichloroethene	3,100	0.005 UJ	0.005 U			
1,2-Dichloropropane	15	0.005 U	0.005 U			
cis-1,3-dichloropropene	0.1	0.005 UJ	0.005 U			
trans-1,3-dichloropropene*	0.1	0.005 UJ	0.005 U			
Ethylbenzene	400	0.005 UJ	0.005 U			
2-hexanone	--	0.01 UJ	0.01 U			
4-methyl-2-pentanone	--	0.01 UJ	0.01 U			
Methylene Chloride	13	0.01 UJ	0.01 U			
Styrene	1,500	0.005 UJ	0.005 U			
1,1,2,2-Tetrachloroethane	--	0.005 UJ	0.005 U			
Tetrachloroethene	11	0.005 UJ	0.005 U			
Toluene	650	0.005 UJ	0.005 U			
1,1,1-Trichloroethane	1,200	0.005 UJ	0.005 U			
1,1,2-Trichloroethene	1,800	0.005 UJ	0.005 U			
Trichloroethene	5	0.005 UJ	0.005 U			
Vinyl Acetate	1,000	0.01 UJ	0.01 U			
Vinyl Chloride	0.03	0.01 UJ	0.01 U			
Xylenes	410	0.005 UJ	0.005 U			
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.330 U			
2-Chlorophenol	53000	0.330 U	0.330 U			
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 U			
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	200	0.330 U	0.330 U			
Acenaphthene	--	0.33 UJ	0.33 U			
Acenaphthylene	--	0.33 U	0.33 U			
Anthracene	--	0.33 U	0.33 U			
Benzo(a)anthracene	--	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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-12 0-2'	SS-12 Dup. 0-2'			
		WT ~ NE	WT ~ NE			
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	--	0.33 U	0.33 U			
Benzo(k)fluoranthene	--	0.33 U	0.33 U			
Benzo(g,h,I)perylene	--	0.33 U	0.33 U			
Benzo(a)pyrene	--	0.33 U	0.33 U			
Butylbenzylphthalate	930	0.33 U	0.33 U			
bis(2-chloroethoxy)methane	--	0.33 U	0.33 U			
bis(2-chloroethyl) ether*	0.2	0.33 U	0.33 U			
Bis(2-chloroisopropyl)ether	--	0.33 U	0.33 U			
Bis(2-ethylhexyl)phthalate	31000	0.33 U	0.33 U			
4-bromophenylphenylether	--	0.33 U	0.33 U			
Carbazole	--	0.33 U	NA			
2-Chloronaphthalene	--	0.33 U	0.33 U			
4-Chlorophenyl-phenylether	--	0.33 UJ	0.33 U			
4-Chloroaniline	--	0.33 U	0.33 U			
Chrysene	--	0.33 U	0.33 U			
Dibenzo(a,h)anthracene	--	0.33 U	0.33 U			
Dibenzofuran	--	0.33 U	0.33 U			
Di-n-butylphthalate	2300	0.33 U	0.33 U			
1,2-Dichlorobenzene	560	0.33 U	0.33 U			
1,3-Dichlorobenzene	--	0.33 U	0.33 U			
1,4-Dichlorobenzene	--	0.33 UJ	0.33 U			
3,3-Dichlorobenzidine	--	0.66 U	0.66 U			
2,4-Dichlorophenol	--	0.330 U	0.33 U			
Diethylphthalate	2000	0.33 U	0.33 U			
Dimethylphthalate	--	0.33 U	0.33 U			
2,4-Dinitrotoluene	--	0.33 U	0.33 U			
2,6-Dinitrotoluene	--	0.33 U	0.33 U			
Di-n-octylphthalate	10000	0.33 U	0.33 U			
Fluoranthene	--	0.33 U	0.33 U			
Fluorene	--	0.33 U	0.33 U			
Hexachlorobenzene	1	0.33 U	0.33 U			
Hexachlorobutadiene	--	0.33 U	0.33 U			
Hexachlorocyclopentadiene	10	0.33 UJ	0.33 U			
Hexachloroethane	--	0.33 U	0.33 U			
Indeno(1,2,3-cd)pyrene	--	0.33 U	0.33 U			
Isophorone	4600	0.33 U	0.33 U			
2-Methylnaphthalene	--	0.33 U	0.33 U			
Naphthalene	--	0.33 U	0.33 U			
2-Nitroaniline	--	1.6 U	1.60 U			
3-Nitroaniline	--	1.6 U	1.60 U			
4-Nitroaniline	--	1.6 U	1.60 U			
Nitrobenzene	92	0.33 U	0.33 U			
N-nitrosodi-n-propylamine	--	0.33 UJ	0.33 U			
N-Nitrosodimethelamine	--	0.33 U	0.33 U			
N-nitrosodiphenylamine	--	0.33 U	0.33 U			
Phenanthrene	--	0.33 U	0.33 U			
Pyrene	--	0.33 U	0.33 U			
1,2,4-Trichlorobenzene	3200	0.330 UJ	0.33 U			
Priority Pollutant Metals (mg/kg)						
Antimony	--	1.7	1.7			
Arsenic	750	7.3	7.3			
Barium	690,000	66.3	66.3			
Beryllium	1,300	0.89	0.89			
Cadmium	1,800	0.4	0.4			
Chromium	270	23.8	23.8			
Copper	--	25	25			
Lead	--	39.2	39.2			
Mercury	10	0.04 U	0.04 U			
Nickel	13,000	30.8	30.8			
Selenium	--	0.7	0.7			
Silver	--	0.48	0.48			
Thallium	--	0.86	0.86			
Zinc	--	60.7	60.7			
Total Cyanide (amenable)	--	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 (Illinois EPA 2001).
(6) * Constituent not detected, however reported detection limit is greater than Tier 1 screening level

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB21-004 8-10'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	1	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
Dibromochloromethane	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-Trichloroethene	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	0.006
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	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	0.033
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.710
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.223
Benzo[a]anthracene	8	0.040	0.025 U	0.025 U	0.025 U	0.663

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB21-001 0-1'	RPM-SB21-002 1-2'	RPM-SB21-003 2-3'	RPM-SB21-004 8-10'	RPM-SB22-001 0-0.5'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 7'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.030	0.025 U	0.025 U	0.025 U	0.435
Benzo[k]fluoranthene	250	0.030	0.025 U	0.025 U	0.025 U	0.161
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.277
Benzo[a]pyrene	82	0.030	0.025 U	0.025 U	0.025 U	0.271
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.054	0.025 U	0.025 U	0.025 U	1.37
Dibenz[a,h]anthracene	7.6	0.025 U	0.025 U	0.025 U	0.025 U	0.281
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.072	0.025 U	0.025 U	0.025 U	1.19
Fluorene	2,800	0.025 U	0.025 U	0.025 U	0.025 U	0.176
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	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	0.267
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
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	--	0.033	0.025 U	0.025 U	0.025 U	0.431
Pyrene	21,000	0.070	0.025 U	0.025 U	0.025 U	1.32
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	7.58	16.50	9.89	6.71	5.13
Barium	1,800	364	85.10	67.00	71.40	392
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.617	0.50 U	0.50 U	0.50 U	1.36
Chromium***	28	32.9	31.90 NR	29.20	28.90 NR	49.5
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	NR	21.70	20.30	16.00	NR
Mercury	32	0.069	0.04 U	0.04 U	0.04 U	0.095
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	0.50 U	0.50 U	0.50 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	0.074	NA	NA	NA	0.093
SPLP Chromium	1.0	NA	0.014	NA	0.005 U	NA

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB22-002 0.5-1' WT ~ 7'	RPM-SB22-003 1-2' WT ~ 7'	RPM-SB22-004 2-3' WT ~ 7'	RPM-SB22-005 5-7' WT ~ 7'	RPM-SB23-001 0-0.5' WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002	0.002	0.002 U	0.002
Bromodichloromethane	1	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
Dibromochloromethane	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-Trichloroethene	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	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
Acenapthylene	--	0.160	0.372	0.025 U	0.025 U	0.025 U
Anthracene	59,000	0.047	0.113	0.025 U	0.025 U	0.039
Benzo[a]anthracene	8	0.125	0.274	0.027	0.025 U	0.143

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB22-002 0.5-1' WT ~ 7'	RPM-SB22-003 1-2' WT ~ 7'	RPM-SB22-004 2-3' WT ~ 7'	RPM-SB22-005 5-7' WT ~ 7'	RPM-SB23-001 0-0.5' WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.089	0.230	0.025 U	0.025 U	0.100
Benzo[k]fluoranthene	250	0.094	0.233	0.025 U	0.025 U	0.122
Benzo[g,h,i]perylene	--	0.072	0.150	0.025 U	0.025 U	0.094
Benzo[a]pyrene	82	0.240	0.268	0.025 U	0.025 U	0.104
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.239	0.500	0.034	0.025 U	0.157
Dibenz[a,h]anthracene	7.6	0.025 U	0.065	0.025 U	0.025 U	0.030
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.145	0.413	0.025 U	0.025 U	0.275
Fluorene	2,800	0.025 U	0.090	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025 U	0.152	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	--	0.090	0.311	0.025 U	0.025 U	0.150
Pyrene	21,000	0.026	0.593	0.034	0.025 U	0.228
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	4.51	4.51	6.54	12.30	7.18
Barium	1,800	184	82.3	83.80	60.10	126
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	1.74	1.01	0.50 U	0.50 U	0.500 U
Chromium***	28	21.3	20.1	27.30	25.70	22.5
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	NR	NR	30.40	19.40	NR
Mercury	32	0.040 U	0.040 U	0.04 U	0.04 U	0.043
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	0.50 U	0.50 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	0.005	0.031	NA	NA	0.005
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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.002 U	0.002 U	0.005	0.002 U	0.002U
Bromodichloromethane	1	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
Dibromochloromethane	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	0.006	0.005 U	0.005U
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	0.005U
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	0.012	0.005 U	0.005U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	0.007	0.005 U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	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	0.025U
Acenapthylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025U
Anthracene	59,000	0.025 U	0.025 U	0.025 U	0.025 U	0.027
Benzo[a]anthracene	8	0.025 U	0.025 U	0.025 U	0.025 U	0.085

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB23-002 0.5-1'	RPM-SB23-003 1-2'	RPM-SB23-004 2-3'	RPM-SB23-005 8-10'	RPM-SB24-001 0.5-1'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ 10'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.025 U	0.025 U	0.025 U	0.025 U	0.053
Benzo[k]fluoranthene	250	0.025 U	0.025 U	0.025 U	0.025 U	0.067
Benzo[g,h,i]perylene	--	0.025 U	0.025 U	0.025 U	0.025 U	0.036
Benzo[a]pyrene	82	0.025 U	0.025 U	0.025 U	0.025 U	0.045
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
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	0.084
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	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.025 U	0.175
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	2200	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	0.040
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	0.076
Pyrene	21,000	0.025	0.025 U	0.025 U	0.025 U	0.173
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	6.44	5.53	4.58	10.2	14.60
Barium	1,800	71.3	46.8	49.9	65.2	23.10
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
Chromium***	28	23.0	20.3	23.3	27.0	19.80
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	24.7	35.8	12.5	15.1	32.50
Mercury	32	0.040 U	0.040 U	0.040 U	0.040 U	0.04U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.00 U	1.00 U	1.00 U	1.04
Silver***	39	0.500 U	0.500 U	0.500 U	0.500 U	0.5U
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	0.25U
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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
		WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.007	0.002	0.002U	0.003J	0.002 U
Bromodichloromethane	1	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
Dibromochloromethane	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	0.005U	0.005U	0.005U	0.005U	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	0.005U	0.005U	0.005U	0.005U	0.005 U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005U	0.005U	0.005U	0.005U	0.005 U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	150	0.005U	0.005U	0.005U	0.005U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025U	0.025U	0.025U	0.025U	0.025U
Acenaphthylene	--	0.025U	0.025U	0.025U	0.025U	0.025U
Anthracene	59,000	0.025U	0.025U	0.025U	0.025U	0.046
Benzo(a)anthracene	8	0.025U	0.025U	0.025U	0.025U	0.138

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB24-002 3-4'	RPM-SB24-003 5-7'	RPM-SB25-001 2-3'	RPM-SB25-002 5-7'	RPM-SB26-001 0-1'
		WT ~ 10'	WT ~ 10'	WT ~ 9'	WT ~ 9'	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	25	0.025U	0.025U	0.025U	0.025U	0.054
Benzo(k)fluoranthene	250	0.025U	0.025U	0.025U	0.025U	0.054
Benzo(g,h,I)perylene	--	0.025U	0.025U	0.025U	0.025U	0.025 U
Benzo(a)pyrene	82	0.025U	0.025U	0.025U	0.025U	0.060
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.025U	0.025U	0.025U	0.025U	0.171
Dibenzo(a,h)anthracene	7.6	0.025U	0.025U	0.025U	0.025U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.025U	0.025U	0.034	0.025U	0.338
Fluorene	2,800	0.025U	0.025U	0.025U	0.025U	0.025 U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	69	0.025U	0.025U	0.025U	0.025U	0.026
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025U	0.025U	0.025U	0.025U	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-Nitrosodimethelamine	--	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	5.6	NA	NA	NA	NA	NA
Phenanthrene	--	0.025U	0.025U	0.025U	0.025U	0.159
Pyrene	21,000	0.025U	0.025U	0.040	0.025U	0.276
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	10.70	5.72	7.83	2.44	5.39
Barium	1,800	60.20	39.40	73.40	39.70	63.1
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.5U	0.5U	0.5U	0.5U	0.500 U
Chromium***	28	27.00	16.70	26.20	16.80	17.1
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	18.70	16.90	16.70	14.10	NR
Mercury	32	0.050	0.044	0.04U	0.04U	0.134
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1U	1U	1U	1U	1.00 U
Silver***	39	0.5U	0.5U	0.5U	0.5U	0.500 U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide (amenable)	120	0.25U	0.25U	0.25U	0.25U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	NA	0.005 U
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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB26-002 2-3'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
		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	0.004	0.002	0.002 U
Bromodichloromethane	1	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
Dibromochloromethane	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-Trichloroethene	0.3	NA	NA	NA	NA	NA
Trichloroethene	0.3	NA	NA	NA	NA	NA
Vinyl Acetate	170	NA	NA	NA	NA	NA
Vinyl Chloride	0.07	NA	NA	NA	NA	NA
Xylenes (total)	150	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.072	0.025 U	0.025 U	0.025 U	0.025 U
Acenapthylene	--	0.264	0.025 U	0.085	0.025 U	0.062
Anthracene	59,000	0.260	0.025 U	0.034	0.025 U	0.029
Benzo[a]anthracene	8	0.712	0.025 U	0.082	0.025 U	0.057

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB26-002 0-1'	RPM-SB26-003 8-10'	RPM-SB27-001 1-2'	RPM-SB27-002 2-3'	RPM-SB27-003 7-9'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.613	0.025 U	0.049	0.025 U	0.034
Benzo[k]fluoranthene	250	0.519	0.025 U	0.030	0.025 U	0.027
Benzo[g,h,i]perylene	--	0.329	0.025 U	0.025 U	0.025 U	0.029
Benzo[a]pyrene	82	1.21	0.025 U	0.048	0.025 U	0.036
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.810	0.025 U	0.122	0.025 U	0.119
Dibenz[a,h]anthracene	7.6	0.088	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	1.26	0.025 U	0.172	0.025 U	0.151
Fluorene	2,800	0.142	0.025 U	0.025 U	0.025 U	0.031
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.054	0.025 U	0.025 U	0.025 U	0.028
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	0.025	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	--	0.685	0.025 U	0.098	0.025 U	0.087
Pyrene	21,000	1.18	0.025 U	0.157	0.025 U	0.151
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	7.57	5.05	5.20	3.79	4.77
Barium	1,800	62.1	62.1	61.0	68.2	96.0
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	18.5	24.7	15.9	29.6	25.1
Copper	330,000	NA	NA	NA	NA	NA
Lead**		NR	12.5	NR	18.6	14.0
Mercury	32	0.054	0.040 U	0.043	0.040 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	--	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	0.60	0.25 U	0.25 U	0.25 U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.034	NA	0.014	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.
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(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 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	0.007	0.002 U	0.002 U	0.002U	0.004
Bromodichloromethane	1	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
Dibromochloromethane	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	0.011	0.005 U	0.005 U	0.005U	0.005U
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	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.005	0.005 U	0.005 U	0.005U	0.005U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	0.050	0.005 U	0.005 U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	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	0.036	0.029J
Acenapthylene	--	0.126	0.025 U	0.025 U	0.025U	0.267J
Anthracene	59,000	0.072	0.025 U	0.025 U	0.112	0.08J
Benzo[a]anthracene	8	0.178	0.025 U	0.025 U	0.186	0.221J

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB28-001 0-1'	RPM-SB28-002 2-3'	RPM-SB28-003 6-8'	RPM-SB29-001 2-3'	RPM-SB29-002 5-7'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.112	0.025 U	0.025 U	0.151	0.113J
Benzo[k]fluoranthene	250	0.119	0.025 U	0.025 U	0.130	0.136J
Benzo[g,h,i]perylene	--	0.075	0.025 U	0.025 U	0.102	0.1J
Benzo[a]pyrene	82	0.252	0.025 U	0.025 U	0.182	0.248J
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.245	0.025 U	0.025 U	0.172	0.265J
Dibenz[a,h]anthracene	7.6	0.028	0.025 U	0.025 U	0.055	0.065J
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.315	0.025 U	0.025 U	0.313	0.122J
Fluorene	2,800	0.034	0.025 U	0.025 U	0.041	0.047J
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.077	0.025 U	0.025 U	0.102	0.102J
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	0.025U	0.076J
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	--	0.148	0.025 U	0.025 U	0.278	0.089J
Pyrene	21,000	0.277	0.025 U	0.025 U	0.281	0.229J
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	2.25	4.70	11.6	5.530	9.650
Barium	1,800	38.2	72.4	52.9	37.500	61.900
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500 U	0.500U	0.500U
Chromium***	28	8.73	29.1 NR	29.6 NR	11.500	21.200
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	NR	19.5	30.8	38.900	64.000
Mercury	32	0.040 U	0.040 U	0.040 U	0.261	0.137
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.00 U	1.17	1.00 U	1.000U	1.000U
Silver***	39	0.500 U	0.500 U	0.500 U	0.837	0.500U
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	0.250U	0.250U
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.09	NA	NA	NA	NA
SPLP Chromium	1.0	NA	0.005 U	0.005	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 3-5'	RPM-SB30-003 7-9'
		WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	17.800	0.200	27.700	124.000	31.300
Bromodichloromethane	1	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
Dibromochloromethane	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	10.000	0.170	8.900	43.100	11.200
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	0.600	0.084	0.084	0.100U	0.055
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	2.670	0.397	0.136	0.144	0.820
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	21.200	1.280	6.550	19.200	7.860
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	80.500	0.129J	0.530	2.110	3.820
Acenapthylene	--	51.800	0.218J	0.218	2.710	2.840
Anthracene	59,000	149.000	0.41J	0.385	2.180	3.850
Benzo[a]anthracene	8	94.800	0.305J	0.394	2.590	4.730

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB29A-001 2-3'	RPM-SB29A-002 9-11'	RPM-SB30-001 2-3'	RPM-SB30-002 8-10'	RPM-SB30-003 7-9'
		WT ~ 10'	WT ~ 10'	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	19.700	0.1J	0.174	0.857	1.920
Benzo[k]fluoranthene	250	19.500	0.076J	0.128	0.673	1.370
Benzo[g,h,i]perylene	--	12.000	0.044J	0.077	0.384	0.738
Benzo[a]pyrene	82	57.200	0.136J	0.238	2.070	2.910
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	99.500	0.32J	0.405	2.590	5.010
Dibenz[a,h]anthracene	7.6	12.200	0.029J	0.051	0.356	0.574
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	155.000	0.45J	0.472	1.230	5.910
Fluorene	2,800	386.000	1.29J	1.330	3.270	6.240
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	13.000	0.045J	0.083	0.399	0.799
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	208.000	0.607J	1.700	9.460	8.540
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	--	376.000	1.24J	1.930	7.570	12.900
Pyrene	21,000	203.000	0.613J	0.653	3.000	8.430
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	4.180	5.300	4.180	18.000	4.630
Barium	1,800	95.700	58.800	91.600	70.900	45.500
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500U	0.500U	0.515	0.500U	0.500U
Chromium***	28	13.600	13.100	22.500	22.700	15.500
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	302.000	61.200	517.000	43.900	132.000
Mercury	32	0.189	0.103	0.040U	0.040U	0.040U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.000U	1.000U	1.000U	1.000U	1.000U
Silver***	39	0.500U	0.500U	0.500U	0.500U	0.500U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide	120	0.47U	0.25U	0.25U	0.25U	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB31-001 1-2'	RPM-SB31-002 2-3'	RPM-SB31-003 5-7'	RPM-SB61-001 0-1'	RPM-SB61-002 1-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	0.007	0.002	0.002	0.003	0.017
Bromodichloromethane	1	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
Dibromochloromethane	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	0.005U	0.005U	0.005U	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	0.005U	0.005U	0.005U	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	0.005U	0.005U	0.005U	0.005 U	0.005
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	0.009	0.005U	0.005U	0.005 U	0.005 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.025U	0.025U	0.025U	0.070	0.883
Acenapthylene	--	0.025U	0.025U	0.025U	1.060	8.090
Anthracene	59,000	0.025U	0.025U	0.025U	0.351	2.360
Benzo[a]anthracene	8	0.025U	0.025U	0.025U	0.741	1.320

NOTES:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB31-001 1-2'	RPM-SB31-002 2-3'	RPM-SB31-003 5-7'	RPM-SB61-001 0-1'	RPM-SB61-002 1-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.025U	0.025U	0.025U	0.316	0.809
Benzo[k]fluoranthene	250	0.025U	0.025U	0.025U	0.389	0.607
Benzo[g,h,i]perylene	--	0.025U	0.025U	0.025U	0.318	2.140
Benzo[a]pyrene	82	0.025U	0.025U	0.025U	0.449	1.190
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.025U	0.025U	0.025U	0.803	1.340
Dibenz[a,h]anthracene	7.6	0.025U	0.025U	0.025U	0.170	0.792
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.025U	0.025U	0.025U	1.020	0.951
Fluorene	2,800	0.025U	0.025U	0.025U	0.221	1.950
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.025U	0.025U	0.025U	0.331	1.590
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	1.900
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	--	0.025U	0.025U	0.025U	0.403	0.548
Pyrene	21,000	0.025U	0.025U	0.025U	0.981	2.740
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	3.590	33.900	9.520	5.560	3.070
Barium	1,800	62.400	52.800	37.900	73.3	50.8
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500U	0.500U	0.500U	0.500 U	0.500 U
Chromium***	28	20.700	27.200	14.100	16.6	14.0
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	19.400	18.500	15.500	228	203
Mercury	32	0.040U	0.040U	0.040U	0.118	0.048
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.000U	1.000U	1.000U	1.000 U	1.000 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	0.25U	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:
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(2) J - Indicates an estimated value.
(3) NA - Not Analyzed
(4) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB61-003 2-3'	RPM-SB61-004 4-6'	RPM-SB70-001 6-8'	RPM-SB71-001 6-8'	RPM-SB72-001 6-8'
		WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	NA	NA
Benzene	0.17	26.000	115.000	0.002U	0.002U	0.002U
Bromodichloromethane	1	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
Dibromochloromethane	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	41.400	36.500	0.005U	0.005U	0.005U
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	0.050 U	4.990	0.005U	0.005U	0.005U
1,1,2,2-Tetrachloroethane	--	NA	NA	NA	NA	NA
Tetrachloroethene	0.3	NA	NA	NA	NA	NA
Toluene	29	0.978	73.200	0.005U	0.005U	0.005U
1,1,1-Trichloroethane	9.6	NA	NA	NA	NA	NA
1,1,2-Trichloroethene	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	64.100	72.200	0.005U	0.005U	0.005U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	NA	NA
2-Chlorophenol	4	NA	NA	NA	NA	NA
2,4-Dimethylphenol	9	NA	NA	NA	NA	NA
2,4-Dinitrophenol	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	1400	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	0.77	NA	NA	NA	NA	NA
Acenaphthene	2,900	0.735 J	5.150	0.025U	0.025U	0.025U
Acenapthylene	--	0.769 J	6.700	0.025U	0.025U	0.041
Anthracene	59,000	0.649 J	7.910	0.025U	0.025U	0.025U
Benzo[a]anthracene	8	0.689 J	6.290	0.025U	0.025U	0.029

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB61-003 2-3'	RPM-SB61-004 4-6'	RPM-SB70-001 6-8'	RPM-SB71-001 6-8'	RPM-SB72-001 6-8'
		WT ~ NE	WT ~ NE	WT ~ 10'	WT ~ 16'	WT ~ 9'
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.197 J	1.320	0.025U	0.025U	0.041
Benzo[k]fluoranthene	250	0.217 J	1.200	0.025U	0.025U	0.031
Benzo[g,h,i]perylene	--	0.144 J	0.587	0.025U	0.025U	0.030
Benzo[a]pyrene	82	0.339 J	1.780	0.025U	0.025U	0.035
Butylbenzylphthalate	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)phthalate	31000	NA	NA	NA	NA	NA
4-bromophenylphenylether	--	NA	NA	NA	NA	NA
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	--	NA	NA	NA	NA	NA
4-Chloroaniline	--	NA	NA	NA	NA	NA
Chrysene	800	0.745 J	6.610	0.025U	0.025U	0.056
Dibenz[a,h]anthracene	7.6	0.093 J	0.478	0.025U	0.025U	0.025U
Dibenzofuran	--	NA	NA	NA	NA	NA
Di-n-butylphthalate	2300	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	0.200	NA	NA	NA	NA	NA
Diethylphthalate	470	NA	NA	NA	NA	NA
Dimethylphthalate	--	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	0.762 J	7.810	0.025U	0.025U	0.043
Fluorene	2,800	1.270 J	14.400	0.025U	0.025U	0.025U
Hexachlorobenzene	11	NA	NA	NA	NA	NA
Hexachlorobutadiene	--	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2200	NA	NA	NA	NA	NA
Hexachloroethane	2.6	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	69	0.163 J	0.712	0.025U	0.025U	0.027
Isophorone	8	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	NA	NA	NA	NA	NA
Naphthalene	420	1.380 J	15.600	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	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	--	1.740 J	33.800	0.025U	0.025U	0.031
Pyrene	21,000	1.510 J	10.300	0.025U	0.025U	0.063
1,2,4-Trichlorobenzene	53	NA	NA	NA	NA	NA
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	NA	NA
Arsenic	120	4.130	5.140	6.03	3.12	2.24
Barium	1,800	63.100	48.000	27.60	34.40	51.10
Beryllium	130,000	NA	NA	NA	NA	NA
Cadmium	590	0.500 U	0.500 U	0.500U	0.500U	0.500U
Chromium***	28	20.2	20.9	14.50	18.90	22.70
Copper	330,000	NA	NA	NA	NA	NA
Lead**	--	20.7	13.5	12.10	14.10	42.70
Mercury	32	0.040 U	0.040 U	0.040U	0.040U	0.040U
Nickel	14,000	NA	NA	NA	NA	NA
Selenium	2.4	1.000 U	1.000 U	1.00U	1.00U	1.00U
Silver***	39	0.500 U	0.500 U	0.500U	0.500U	0.500U
Thallium	34	NA	NA	NA	NA	NA
Zinc	32,000	NA	NA	NA	NA	NA
Total Cyanide (amenable)	120	0.25 U	0.25 U	0.25U	0.25U	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB73-001 3-5'	RPM-SB74-001 6-8'	RPM-SB75-001 7-8'	B-12 8-10'	B-13 3.5-4.5'
		WT ~ 12'	WT ~ 5'	WT ~ 7.5'	WT ~ 8'	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	NA	NA	NA	0.025 U	0.025 U
Benzene	0.17	0.002U	0.002U	0.002U	0.156	0.010
Bromodichloromethane	1	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	0.01 U	0.01 U
2-Butanone	--	NA	NA	NA	0.01 U	0.01 U
Carbon Disulfide	160	NA	NA	NA	0.033	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
Dibromochloromethane	0.4	NA	NA	NA	0.005 U	NA
Chloroethane	--	NA	NA	NA	0.01 U	0.01 U
Chloroform	2.9	NA	NA	NA	0.005 U	0.005 U
Chloromethane	--	NA	NA	NA	0.01 U	0.01 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	0.005U	0.005U	0.005U	0.006	0.157
2-hexanone	--	NA	NA	NA	0.01 U	0.01 U
4-methyl-2-pentanone	--	NA	NA	NA	0.01 U	0.01 U
Methylene Chloride	0.2	NA	NA	NA	0.01 U	0.01 U
Styrene	18	0.005U	0.005U	0.005U	0.005 U	0.007
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	0.005U	0.005U	0.005U	0.005 U	0.005
1,1,1-Trichloroethane	9.6	NA	NA	NA	0.005 U	0.005 U
1,1,2-Trichloroethene	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	0.01 U	0.01 U
Vinyl Chloride	0.07	NA	NA	NA	0.01 U	0.01 U
Xylenes (total)	150	0.031	0.005U	0.005U	0.062	0.143
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	NA	NA	NA	0.330 U	0.330 U
2-Chlorophenol	4	NA	NA	NA	0.330 U	0.330 U
2,4-Dimethylphenol	9	NA	NA	NA	0.330 U	0.330 U
2,4-Dinitrophenol	3.3	NA	NA	NA	1.600 U	1.600 U
4,6-Dinitro-2-Methylphenol	--	NA	NA	NA	1.600 U	1.600 U
2-Methylphenol	15	NA	NA	NA	0.330 U	0.330 U
3&4-Methylphenol	--	NA	NA	NA	0.330 U	0.330 U
2-Nitrophenol	--	NA	NA	NA	1.600 U	1.600 U
4-Nitrophenol	--	NA	NA	NA	1.600 U	1.600 U
Pentachlorophenol	2.4	NA	NA	NA	1.600 U	1.600 U
Phenol	100	NA	NA	NA	0.330 U	0.330 U
2,4,5-Trichlorophenol	1400	NA	NA	NA	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.77	NA	NA	NA	0.330 U	0.330 U
Acenaphthene	2,900	0.025U	0.025U	0.025U	0.33 UJ	10.600 J
Acenapthylene	--	0.025U	0.040	0.025U	0.33 U	0.330 U
Anthracene	59,000	0.025U	0.026	0.025U	0.33 U	13.900
Benzo[a]anthracene	8	0.025U	0.056	0.025U	0.33 U	7.080

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		RPM-SB73-001 3-5'	RPM-SB74-001 6-8'	RPM-SB75-001 7-8'	B-12 8-10'	B-13 3.5-4.5'
		WT ~ 12'	WT ~ 5'	WT ~ 7.5'	WT ~ 8'	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.025U	0.025U	0.025 U	0.33 U	1.220
Benzo[k]fluoranthene	250	0.025U	0.025U	0.025 U	0.33 U	1.090
Benzo[g,h,i]perylene	--	0.025U	0.027	0.025 U	0.33 U	2.870
Benzo[a]pyrene	82	0.025U	0.043	0.025 U	0.33 U	1.810
Butylbenzylphthalate	930	NA	NA	NA	0.33 U	0.330 U
bis(2-chloroethoxy)methane	--	NA	NA	NA	0.33 U	0.330 U
bis(2-chloroethyl) ether	0.66	NA	NA	NA	0.33 U	0.330 U
Bis(2-chloroisopropyl)ether	--	NA	NA	NA	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	31000	NA	NA	NA	0.33 U	0.330 U
4-bromophenylphenylether	--	NA	NA	NA	0.33 U	0.330 U
Carbazole	2.8	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	NA	NA	NA	0.33 U	0.330 U
4-Chlorophenyl-phenylether	--	NA	NA	NA	0.33 U	0.330 U
4-Chloroaniline	--	NA	NA	NA	0.33 U	0.330 U
Chrysene	800	0.026	0.061	0.025 U	0.33 U	7.880
Dibenz[a,h]anthracene	7.6	0.025U	0.025U	0.025 U	0.33 U	0.931
Dibenzofuran	--	NA	NA	NA	0.33 U	0.33 U
Di-n-butylphthalate	2300	NA	NA	NA	0.33 U	0.330 U
1,2-Dichlorobenzene	43	NA	NA	NA	0.33 U	0.330 U
1,3-Dichlorobenzene	--	NA	NA	NA	0.33 U	0.330 U
1,4-Dichlorobenzene	11	NA	NA	NA	0.33 UJ	0.330 UJ
3,3-Dichlorobenzidine	1.3	NA	NA	NA	0.66 U	0.660 U
2,4-Dichlorophenol	0.200	NA	NA	NA	0.33 U	0.330 U
Diethylphthalate	470	NA	NA	NA	0.33 U	0.330 U
Dimethylphthalate	--	NA	NA	NA	0.33 U	0.330 U
2,4-Dinitrotoluene	0.013	NA	NA	NA	0.33 U	0.330 U
2,6-Dinitrotoluene	0.0067	NA	NA	NA	0.33 U	0.330 U
Di-n-octylphthalate	10000	NA	NA	NA	0.33 U	0.330 U
Fluoranthene	21,000	0.041	0.044	0.025 U	0.33 U	14.000
Fluorene	2,800	0.025U	0.037	0.025 U	0.33 U	23.900
Hexachlorobenzene	11	NA	NA	NA	0.33 U	0.330 U
Hexachlorobutadiene	--	NA	NA	NA	0.33 U	0.330 U
Hexachlorocyclopentadiene	2200	NA	NA	NA	0.33 U	0.330 U
Hexachloroethane	2.6	NA	NA	NA	0.33 U	0.330 U
Indeno[1,2,3-cd]pyrene	69	0.025U	0.025U	0.025 U	0.33 U	1.900
Isophorone	8	NA	NA	NA	0.33 U	0.330 U
2-Methylnaphthalene	--	NA	NA	NA	0.33 U	1.07
Naphthalene	420	0.025U	0.025U	0.025 U	0.33 U	6.460
2-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
3-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
4-Nitroaniline	--	NA	NA	NA	1.60 U	1.600 U
Nitrobenzene	0.26	NA	NA	NA	0.33 U	0.330 U
N-nitrosodi-n-propylamine	0.66	NA	NA	NA	0.33 U	0.330 U
N-Nitrosodimethylamine	--	NA	NA	NA	0.33 UJ	0.330 U
N-nitrosodiphenylamine	5.6	NA	NA	NA	0.33 U	0.330 U
Phenanthrene	--	0.025U	0.055	0.025 U	0.33 U	54.500
Pyrene	21,000	0.037	0.068	0.025 U	0.33 U	20.400
1,2,4-Trichlorobenzene	53	NA	NA	NA	0.33 UJ	0.330 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	20	NA	NA	NA	2.3 U	1.9 U
Arsenic	120	7.93	5.95	7.13	3	2.5
Barium	1,800	66.80	55.30	54.70	44.9	39.5
Beryllium	130,000	NA	NA	NA	0.46 U	0.47
Cadmium	590	0.500U	0.500U	0.500U	0.23 U	0.2
Chromium***	28	20.40	19.40	21.50	13.8	12.9 NR
Copper	330,000	NA	NA	NA	17.1	16.7
Lead**	--	65.90	29.00	13.80	10.5	250 NR
Mercury	32	0.040U	0.040U	0.040U	0.07	0.04 U
Nickel	14,000	NA	NA	NA	16.5	16.7
Selenium	2.4	1.00U	1.00U	1.00U	0.58 U	0.47
Silver***	39	0.500U	0.500U	0.500U	0.58 U	0.47 U
Thallium	34	NA	NA	NA	1.2 U	0.93 U
Zinc	32,000	NA	NA	NA	43.1	3880
Total Cyanide (amenable)	120	0.25U	0.25U	0.25U	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	NA	NA	NA	0.0075 U	0.025
SPLP Chromium	1.0	NA	NA	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) Shaded values exceeded Tier 1 screening level.
(5) -- Toxicity criteria not available for exposure route (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-13 13-14'	B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'	B-16 8-10'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	0.025 U	0.025 UJ	NA	0.025 UJ	0.5 UJ
Benzene	0.17	0.005 U	0.005 U	NA	2.55 J	0.200 U
Bromodichloromethane	1	0.005 U	0.005 U	NA	0.005 UJ	0.15 U
Bromoform	0.8	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Bromomethane	1.2	0.01 U	0.01 U	NA	0.01 UJ	0.2 U
2-Butanone	--	0.01 U	0.01 U	NA	0.01 UJ	0.25 U
Carbon Disulfide	160	0.005 U	0.005 U	NA	0.028 J	0.25 U
Carbon Tetrachloride	0.33	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Chlorobenzene	6.5	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Dibromochloromethane	0.4	0.01 U	0.01 U	NA	0.01 U	0.005 U
Chloroethane	--	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Chloroform	2.9	0.01 U	0.01 U	NA	0.01 UJ	0.25 U
Chloromethane	--	0.005 U	0.005 U	NA	0.005 UJ	0.3 U
1,1-Dichloroethane	110	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
1,2-Dichloroethane	0.1	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
1,1-Dichloroethene	0.3	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
cis-1,2-dichloroethene	1.1	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
trans-1,2-dichloroethene	3.4	0.005 U	0.005 U	NA	0.005 UJ	0.25 U
1,2-Dichloropropane	0.15	0.005 U	0.005 U	NA	0.005 UJ	0.15 U
cis-1,3-dichloropropene	0.02	0.005 U	0.005 U	NA	0.005 UJ	0.15 U
trans-1,3-dichloropropene	0.02	0.005 U	0.005 U	NA	0.005 UJ	0.15 U
Ethylbenzene	19	0.005 U	0.005 U	NA	0.006 J	0.15 U
2-hexanone	--	0.01 U	0.01 U	NA	0.01 UJ	0.15 U
4-methyl-2-pentanone	--	0.01 U	0.01 U	NA	0.01 UJ	0.15 U
Methylene Chloride	0.2	0.01 U	0.01 U	NA	0.01 UJ	0.25 U
Styrene	18	0.005 U	0.005 U	NA	1.78 J	0.15 U
1,1,2,2-Tetrachloroethane	--	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Tetrachloroethene	0.3	0.005 U	0.005 U	NA	0.005 UJ	0.15 U
Toluene	29	0.005 U	0.005 UJ	NA	0.005 UJ	0.2 U
1,1,1-Trichloroethane	9.6	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
1,1,2-Trichloroethene	0.3	0.005 U	0.005 U	NA	0.005 UJ	0.2 U
Trichloroethene	0.3	0.005 U	0.005 UJ	NA	0.005 UJ	0.2 U
Vinyl Acetate	170	0.01 U	0.01 U	NA	0.01 UJ	N/A
Vinyl Chloride	0.07	0.01 U	0.01 U	NA	0.01 UJ	0.2 U
Xylenes (total)	150	0.005	0.005 U	NA	12.1 J	0.45 U
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	0.33 U	0.330 U	0.330 U	0.330 U
2-Chlorophenol	4	0.330 U	0.33 UJ	0.330 UJ	0.330 U	0.330 UJ
2,4-Dimethylphenol	9	0.330 U	0.33 U	0.330 U	0.330 U	0.330 U
2,4-Dinitrophenol	3.3	1.600 U	1.6 U	1.600 U	1.600 U	2.200 U
4,6-Dinitro-2-Methylphenol	--	1.600 U	1.6 U	1.600 U	1.600 U	1.600 U
2-Methylphenol	15	0.330 U	0.33 UJ	0.330 UJ	0.330 U	0.440 U
3&4-Methylphenol	--	0.330 U	0.33 U	0.330 U	0.330 U	0.440 U
2-Nitrophenol	--	1.600 U	1.6 U	0.400 U	1.600 U	1.600 U
4-Nitrophenol	--	1.600 U	1.6 U	1.600 U	1.600 U	1.600 U
Pentachlorophenol	2.4	1.600 U	1.6 U	2.000 U	1.600 U	1.600 U
Phenol	100	0.330 U	0.33 U	0.330 U	0.330 U	0.330 U
2,4,5-Trichlorophenol	1400	0.660 U	0.66 U	0.660 U	0.660 U	0.660 U
2,4,6-Trichlorophenol	0.77	0.330 U	0.33 U	0.330 U	0.330 U	0.330 U
Acenaphthene	2,900	0.33 UJ	0.33 UJ	0.33 UJ	1.42 J	0.33 U
Acenapthylene	--	0.33 U	0.33 U	0.33 U	7.96	1.75
Anthracene	59,000	0.33 U	0.33 U	0.33 U	6.98	5.84
Benzo[a]anthracene	8	0.33 U	0.33 U	0.33 U	4.13	2.7

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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-13 13-14'	B-14 6-8'	B-14 Dup. 6-8'	B-15 7-8'	B-16 8-10'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo[b]fluoranthene	25	0.33 U	0.33 U	0.33 U	0.723	0.361
Benzo[k]fluoranthene	250	0.33 U	0.33 U	0.33 U	0.546	0.362
Benzo[g,h,i]perylene	--	0.33 U	0.33 U	0.33 U	0.496	0.33 U
Benzo[a]pyrene	82	0.33 U	0.33 U	0.33 U	0.924	0.437
Butylbenzylphthalate	930	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	0.66	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	31000	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	2.8	NA	NA	NA	NA	NA
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	NA
Chrysene	800	0.33 U	0.33 U	0.33 U	4.45	2.96
Dibenz[a,h]anthracene	7.6	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Dibenzofuran	--	0.33 U	0.33 U	0.33 U	0.617	0.33 U
Di-n-butylphthalate	2300	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-Dichlorobenzene	43	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	11	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	1.3	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
2,4-Dichlorophenol	0.200	0.33 U	0.330 U	0.33 U	0.33 U	0.33 U
Diethylphthalate	470	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	0.013	0.33 U	0.33 U	0.33 U	0.33 U	0.33 UJ
2,6-Dinitrotoluene	0.0067	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-octylphthalate	10000	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	21,000	0.33 U	0.33 U	0.33 U	6.62	4.64
Fluorene	2,800	0.33 U	0.33 U	0.33 U	7.51	5.80
Hexachlorobenzene	11	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorobutadiene	--	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	2200	0.33 U	0.33 UJ	0.33 UJ	0.33 U	0.33 J
Hexachloroethane	2.6	0.33 U	0.33 U	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	0.33 U	0.33 U
Isophorone	8	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	--	0.33 U	0.33 U	0.33 U	13.70	0.424 J
Naphthalene	420	0.33 U	0.33 U	0.33 U	17.20	0.577
2-Nitroaniline	--	1.60 U	1.6 U	1.60 U	1.60 U	1.60 U
3-Nitroaniline	--	1.60 U	1.6 U	1.60 U	1.60 U	1.60 U
4-Nitroaniline	--	1.60 U	1.6 U	1.60 U	1.60 U	1.60 U
Nitrobenzene	0.26	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
N-nitrosodi-n-propylamine	0.66	0.33 U	0.33 U	0.33 U	0.33 UJ	0.33 U
N-Nitrosodimethylamine	--	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 UJ
N-nitrosodiphenylamine	5.6	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Phenanthrene	--	0.33 U	0.33 U	0.33 U	20.30	17.70
Pyrene	21,000	0.33 U	0.33 U	0.33 U	9.31	6.58 J
1,2,4-Trichlorobenzene	53	0.33 UJ	0.330 UJ	0.33 UJ	0.33 UJ	0.33 U
Priority Pollutant Metals (mg/kg)						
Antimony	20	2.1 U	2.2 U	2 U	1.9 U	2.1 U
Arsenic	120	9.3	8.8	3.7	8.2	6.4
Barium	1,800	35.9	58.2	43.9	34.9	50.4
Beryllium	130,000	0.59	0.72	0.69	0.53	0.67
Cadmium	590	0.21 U	0.51	0.44	0.19 U	0.21 U
Chromium***	28	17.2 NR	20.6 NR	21.7	16.1	20.7
Copper	330,000	35.8	26.4	29	25.9	29
Lead**	--	16.3 NR	12.4 NR	19.4 NR	12.9	13.7 NR
Mercury	32	0.04 U	0.04 U	0.04 U	0.07	0.04 U
Nickel	14,000	36.1	31.7	29.3	26.3	32.2
Selenium	2.4	0.55	0.91	0.51	0.49 U	0.53 U
Silver***	39	0.52 U	0.55 U	0.5 U	0.49 U	0.53 U
Thallium	34	1 U	1.1 U	1.2	0.97 U	1.1 U
Zinc	32,000	45.3	44	46.5	42.4	63.2
Total Cyanide (amenable)	120	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-16 10-12'	B-16 Dup. 10-12'	B-18 6-8'	B-18 12-14'	SS-12 0-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL VOCs (mg/kg)						
Acetone	16	0.025 UJ	0.025 UJ	0.5 UJ	0.025 U	0.025 UJ
Benzene	0.17	0.005 UJ	0.005 U	72.1	0.46	0.005 UJ
Bromodichloromethane	1	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Bromoform	0.8	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Bromomethane	1.2	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
2-Butanone	--	0.01 UJ	0.01 U	0.25 U	0.01 U	0.01 UJ
Carbon Disulfide	160	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
Carbon Tetrachloride	0.33	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Chlorobenzene	6.5	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Dibromochloromethane	0.4	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Chloroethane	--	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
Chloroform	2.9	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
Chloromethane	--	0.01 UJ	0.01 U	0.3 U	0.01 U	0.01 UJ
1,1-Dichloroethane	110	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,2-Dichloroethane	0.1	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,1-Dichloroethene	0.3	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
cis-1,2-dichloroethene	1.1	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
trans-1,2-dichloroethene	3.4	0.005 UJ	0.005 U	0.25 U	0.005 U	0.005 UJ
1,2-Dichloropropane	0.15	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 U
cis-1,3-dichloropropene	0.02	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
trans-1,3-dichloropropene	0.02	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Ethylbenzene	19	0.005 UJ	0.005 U	59.4	0.01	0.005 UJ
2-hexanone	--	0.01 UJ	0.01 U	0.15 U	0.01 U	0.01 UJ
4-methyl-2-pentanone	--	0.01 UJ	0.01 U	0.15 U	0.01 U	0.01 UJ
Methylene Chloride	0.2	0.01 UJ	0.01 U	0.25 U	0.01 U	0.01 UJ
Styrene	18	0.005 UJ	0.005 U	0.15 U	0.005	0.005 UJ
1,1,2,2-Tetrachloroethane	--	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Tetrachloroethene	0.3	0.005 UJ	0.005 U	0.15 U	0.005 U	0.005 UJ
Toluene	29	0.005 UJ	0.005 UJ	69.7	0.052 J	0.005 UJ
1,1,1-Trichloroethane	9.6	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
1,1,2-Trichloroethene	0.3	0.005 UJ	0.005 U	0.2 U	0.005 U	0.005 UJ
Trichloroethene	0.3	0.005 UJ	0.005 UJ	0.2 U	0.005 UJ	0.005 UJ
Vinyl Acetate	170	0.01 UJ	0.01 U	0.35 U	0.01 U	0.01 UJ
Vinyl Chloride	0.07	0.01 UJ	0.01 U	0.2 U	0.01 U	0.01 UJ
Xylenes	150	0.005 UJ	0.005 U	115	0.03 J	0.005 UJ
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.330 U	NA	0.330 U	0.400 U	0.330 U
2-Chlorophenol	4	0.330 UJ	NA	0.330 UJ	0.330 U	0.330 U
2,4-Dimethylphenol	9	0.330 U	NA	0.330 U	0.330 UJ	0.330 U
2,4-Dinitrophenol	3.3	1.600 U	NA	1.600 U	1.600 UJ	1.600 U
4,6-Dinitro-2-Methylphenol	--	1.600 U	NA	1.600 U	1.600 UJ	1.600 U
2-Methylphenol	15	0.330 U	NA	0.330 UJ	0.330 UJ	0.330 UJ
3&4-Methylphenol	--	0.330 U	NA	0.330 U	0.330 UJ	0.330 U
2-Nitrophenol	--	1.600 U	NA	1.600 U	1.600 UJ	1.600 U
4-Nitrophenol	--	1.600 U	NA	1.600 U	1.600 UJ	1.600 U
Pentachlorophenol	2.4	1.600 U	NA	1.600 U	1.600 UJ	1.600 U
Phenol	100	0.330 U	NA	0.330 U	0.330 UJ	0.330 U
2,4,5-Trichlorophenol	1400	0.660 U	NA	0.660 U	0.660 UJ	0.660 U
2,4,6-Trichlorophenol	0.77	0.330 U	NA	0.330 U	0.330 UJ	0.330 U
Acenaphthene	2,900	0.33 UJ	NA	12.9 J	0.33 UJ	0.33 UJ
Acenaphthylene	--	0.33 U	NA	13.5	0.33 U	0.33 U
Anthracene	59,000	0.33 U	NA	21.1	0.33 U	0.33 U
Benzo(a)anthracene	8	0.33 U	NA	13.7	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		B-16 10-12'	B-16 Dup. 10-12'	B-18 6-8'	B-18 12-14'	SS-12 0-2'
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	25	0.33 U	NA	1.19	0.33 U	0.33 U
Benzo(k)fluoranthene	250	0.33 U	NA	1.00	0.33 U	0.33 U
Benzo(g,h,I)perylene	--	0.33 U	NA	3.09	0.33 U	0.33 U
Benzo(a)pyrene	82	0.33 U	NA	1.64	0.33 U	0.33 U
Butylbenzylphthalate	930	0.33 U	NA	0.33 U	0.330 U	0.33 U
bis(2-chloroethoxy)methane	--	0.33 U	NA	0.33 U	0.330 U	0.33 U
bis(2-chloroethyl) ether	0.66	0.33 U	NA	0.33 U	0.330 U	0.33 U
Bis(2-chloroisopropyl)ether	--	0.33 U	NA	0.33 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	31000	0.33 U	NA	0.33 U	0.330 U	0.33 U
4-bromophenylphenylether	--	0.33 U	NA	0.33 U	0.330 U	0.33 U
Carbazole	2.8	NA	NA	NA	NA	0.33 U
2-Chloronaphthalene	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
4-Chlorophenyl-phenylether	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 UJ
4-Chloroaniline	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Chrysene	800	0.33 U	NA	17.3	0.33 UJ	0.33 U
Dibenzo(a,h)anthracene	7.6	0.33 U	NA	1.80	0.33 UJ	0.33 U
Dibenzofuran	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Di-n-butylphthalate	2300	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,2-Dichlorobenzene	43	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,3-Dichlorobenzene	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
1,4-Dichlorobenzene	11	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
3,3-Dichlorobenzidine	1.3	0.66 U	NA	0.66 U	0.66 UJ	0.66 U
2,4-Dichlorophenol	0.200	0.33 U	NA	0.33 U	0.33 UJ	0.330 U
Diethylphthalate	470	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Dimethylphthalate	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2,4-Dinitrotoluene	0.013	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2,6-Dinitrotoluene	0.0067	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Di-n-octylphthalate	10000	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Fluoranthene	21,000	0.33 U	NA	23.4	0.33 UJ	0.33 U
Fluorene	2,800	0.33 U	NA	35.0	0.33 UJ	0.33 U
Hexachlorobenzene	11	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Hexachlorobutadiene	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Hexachlorocyclopentadiene	2200	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	2.6	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
Indeno(1,2,3-cd)pyrene	69	0.33 U	NA	2.25	0.33 UJ	0.33 U
Isophorone	8	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
2-Methylnaphthalene	--	0.33 UJ	NA	105	0.33 UJ	0.33 U
Naphthalene	420	0.33 U	NA	107	0.33 UJ	0.33 U
2-Nitroaniline	--	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
3-Nitroaniline	--	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
4-Nitroaniline	--	1.60 U	NA	1.6 U	1.60 UJ	1.6 U
Nitrobenzene	0.26	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
N-nitrosodi-n-propylamine	0.66	0.33 UJ	NA	0.33 UJ	0.33 UJ	0.33 UJ
N-Nitrosodimethelamine	--	0.33 U	NA	0.33 U	0.33 UJ	0.33 U
N-nitrosodiphenylamine	5.6	0.33	NA	0.33 U	0.33 UJ	0.33 U
Phenanthrene	--	0.33 U	NA	90.1	0.33 UJ	0.33 U
Pyrene	21,000	0.33 U	NA	33.0	0.33 UJ	0.33 U
1,2,4-Trichlorobenzene	53	0.33 UJ	NA	0.330 UJ	0.33 UJ	0.330 UJ
Priority Pollutant Metals (mg/kg)						
Antimony	20	2.1 U	NA	2.1 U	1.9 U	1.7
Arsenic	120	8.3	NA	4.2	6.9	7.3
Barium	1,800	48.8	NA	51.6	48.8	66.3
Beryllium	130,000	0.61	NA	0.72	0.64	0.89
Cadmium	590	0.21 U	NA	0.43	0.44	0.4
Chromium***	28	19.1	NA	21.5	19.2 NR	23.8 NR
Copper	330,000	27.2	NA	26.1	27.3	25
Lead**	--	12.7 NR	NA	11.8 NR	11.6 NR	39.2 NR
Mercury	32	0.04 U	NA	0.04 U	0.1	0.04 U
Nickel	14,000	28.6	NA	29.7	30.4	30.8
Selenium	2.4	0.52 U	NA	0.51 U	0.5 U	0.7
Silver***	39	0.52 U	NA	0.51 U	0.48 U	0.48
Thallium	34	1 U	NA	1.3	0.96	0.86
Zinc	32,000	39.6	NA	44.5	41.5	60.7
Total Cyanide (amenable)	120	NA	NA	NA	NA	NA
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.0075 U	NA	0.0075 U	0.0075 U	0.013
SPLP Chromium	1.0	0.05 U	NA	0.05 U	0.005 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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-12 Dup. 0-2'				
		WT ~ NE				
TCL VOCs (mg/kg)						
Acetone	16	0.025 U				
Benzene	0.17	0.005 U				
Bromodichloromethane	1	0.005 U				
Bromoform	0.8	0.005 U				
Bromomethane	1.2	0.01 U				
2-Butanone	--	0.01 U				
Carbon Disulfide	160	0.005 U				
Carbon Tetrachloride	0.33	0.005 U				
Chlorobenzene	6.5	0.005 U				
Dibromochloromethane	0.4	0.005 U				
Chloroethane	--	0.01 U				
Chloroform	2.9	0.005 U				
Chloromethane	--	0.01 U				
1,1-Dichloroethane	110	0.005 U				
1,2-Dichloroethane	0.1	0.005 U				
1,1-Dichloroethene	0.3	0.005 U				
cis-1,2-dichloroethene	1.1	0.005 U				
trans-1,2-dichloroethene	3.4	0.005 U				
1,2-Dichloropropane	0.15	0.005 U				
cis-1,3-dichloropropene	0.02	0.005 U				
trans-1,3-dichloropropene	0.02	0.005 U				
Ethylbenzene	19	0.005 U				
2-hexanone	--	0.01 U				
4-methyl-2-pentanone	--	0.01 U				
Methylene Chloride	0.2	0.01 U				
Styrene	18	0.005 U				
1,1,2,2-Tetrachloroethane	--	0.005 U				
Tetrachloroethene	0.3	0.005 U				
Toluene	29	0.005 U				
1,1,1-Trichloroethane	9.6	0.005 U				
1,1,2-Trichloroethene	0.3	0.005 U				
Trichloroethene	0.3	0.005 U				
Vinyl Acetate	170	0.01 U				
Vinyl Chloride	0.07	0.01 U				
Xylenes	150	0.005 U				
TCL SVOCs (mg/kg)						
4-Chloro-3-methylphenol	--	0.33 U				
2-Chlorophenol	4	0.33 U				
2,4-Dimethylphenol	9	0.33 U				
2,4-Dinitrophenol	3.3	1.6 U				
4,6-Dinitro-2-Methylphenol	--	1.6 U				
2-Methylphenol	15	0.33 U				
3&4-Methylphenol	--	0.33 U				
2-Nitrophenol	--	1.6 U				
4-Nitrophenol	--	1.6 U				
Pentachlorophenol	2.4	1.6 U				
Phenol	100	0.33 U				
2,4,5-Trichlorophenol	1400	0.66 U				
2,4,6-Trichlorophenol	0.77	0.33 U				
Acenaphthene	2,900	0.33 U				
Acenaphthylene	--	0.33 U				
Anthracene	59,000	0.33 U				
Benzo(a)anthracene	8	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SS-12 Dup. 0-2'				
		WT ~ NE				
TCL SVOCs - Continued (mg/kg)						
Benzo(b)fluoranthene	25	0.33 U				
Benzo(k)fluoranthene	250	0.33 U				
Benzo(g,h,I)perylene	--	0.33 U				
Benzo(a)pyrene	82	0.33 U				
Butylbenzylphthalate	930	0.33 U				
bis(2-chloroethoxy)methane	--	0.33 U				
bis(2-chloroethyl) ether	0.66	0.33 U				
Bis(2-chloroisopropyl)ether	--	0.33 U				
Bis(2-ethylhexyl)phthalate	31000	0.33 U				
4-bromophenylphenylether	--	0.33 U				
Carbazole	2.8	NA				
2-Chloronaphthalene	--	0.33 U				
4-Chlorophenyl-phenylether	--	0.33 U				
4-Chloroaniline	--	0.33 U				
Chrysene	800	0.33 U				
Dibenzo(a,h)anthracene	7.6	0.33 U				
Dibenzofuran	--	0.33 U				
Di-n-butylphthalate	2300	0.33 U				
1,2-Dichlorobenzene	43	0.33 U				
1,3-Dichlorobenzene	--	0.33 U				
1,4-Dichlorobenzene	11	0.33 U				
3,3-Dichlorobenzidine	1.3	0.66 U				
2,4-Dichlorophenol	0.200	0.33 U				
Diethylphthalate	470	0.33 U				
Dimethylphthalate	--	0.33 U				
2,4-Dinitrotoluene	0.013	0.33 U				
2,6-Dinitrotoluene	0.0067	0.33 U				
Di-n-octylphthalate	10000	0.33 U				
Fluoranthene	21,000	0.33 U				
Fluorene	2,800	0.33 U				
Hexachlorobenzene	11	0.33 U				
Hexachlorobutadiene	--	0.33 U				
Hexachlorocyclopentadiene	2200	0.33 U				
Hexachloroethane	2.6	0.33 U				
Indeno(1,2,3-cd)pyrene	69	0.33 U				
Isophorone	8	0.33 U				
2-Methylnaphthalene	--	0.33 U				
Naphthalene	420	0.33 U				
2-Nitroaniline	--	1.6 U				
3-Nitroaniline	--	1.6 U				
4-Nitroaniline	--	1.6 U				
Nitrobenzene	0.26	0.33 U				
N-nitrosodi-n-propylamine	0.66	0.33 U				
N-Nitrosodimethelamine	--	0.33 U				
N-nitrosodiphenylamine	5.6	0.33 U				
Phenanthrene	--	0.33 U				
Pyrene	21,000	0.33 U				
1,2,4-Trichlorobenzene	53	0.33 U				
Priority Pollutant Metals (mg/kg)						
Antimony	20	1.8 U				
Arsenic	120	7.9				
Barium	1,800	57.8				
Beryllium	130,000	0.8				
Cadmium	590	0.39				
Chromium***	28	22.2 NR				
Copper	330,000	23.7				
Lead**	--	24.3 NR				
Mercury	32	0.1				
Nickel	14,000	31.8				
Selenium	2.4	0.52				
Silver***	39	0.45 U				
Thallium	34	0.91 U				
Zinc	32,000	49.6				
Total Cyanide (amenable)	120	NA				
SPLP Lead and Chromium (mg/L)						
SPLP Lead	0.1	0.017				
SPLP Chromium	1.0	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 (Illinois EPA 2001).
(6) ** No pH-dependent value was available so TCLP or SPLP analyses from select samples were used to evaluate this pathway.
(7) *** No pH-dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
(8) NR - Not Relevant

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

Compound/Analyte	Tier 1 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 Pond Parcel

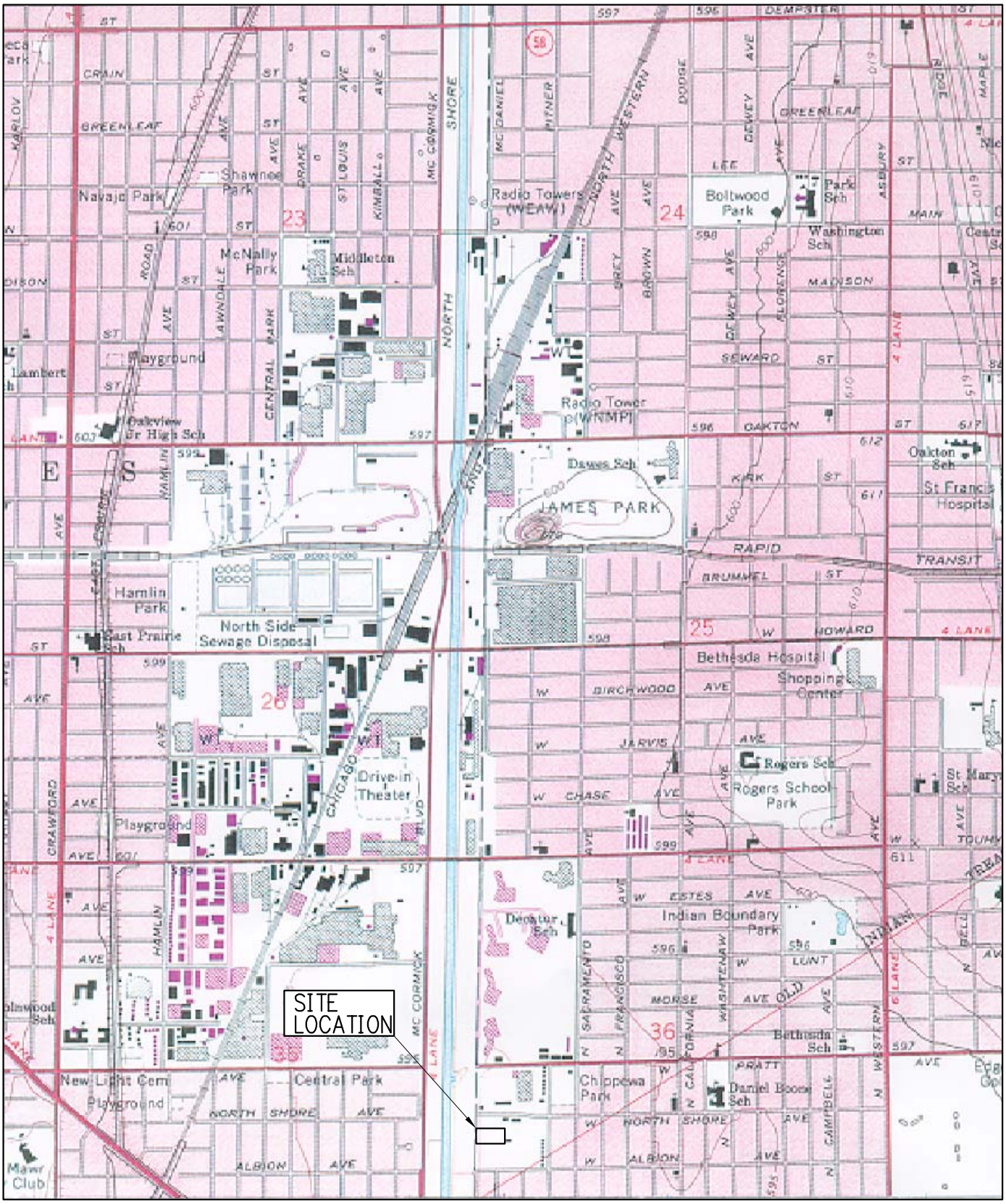

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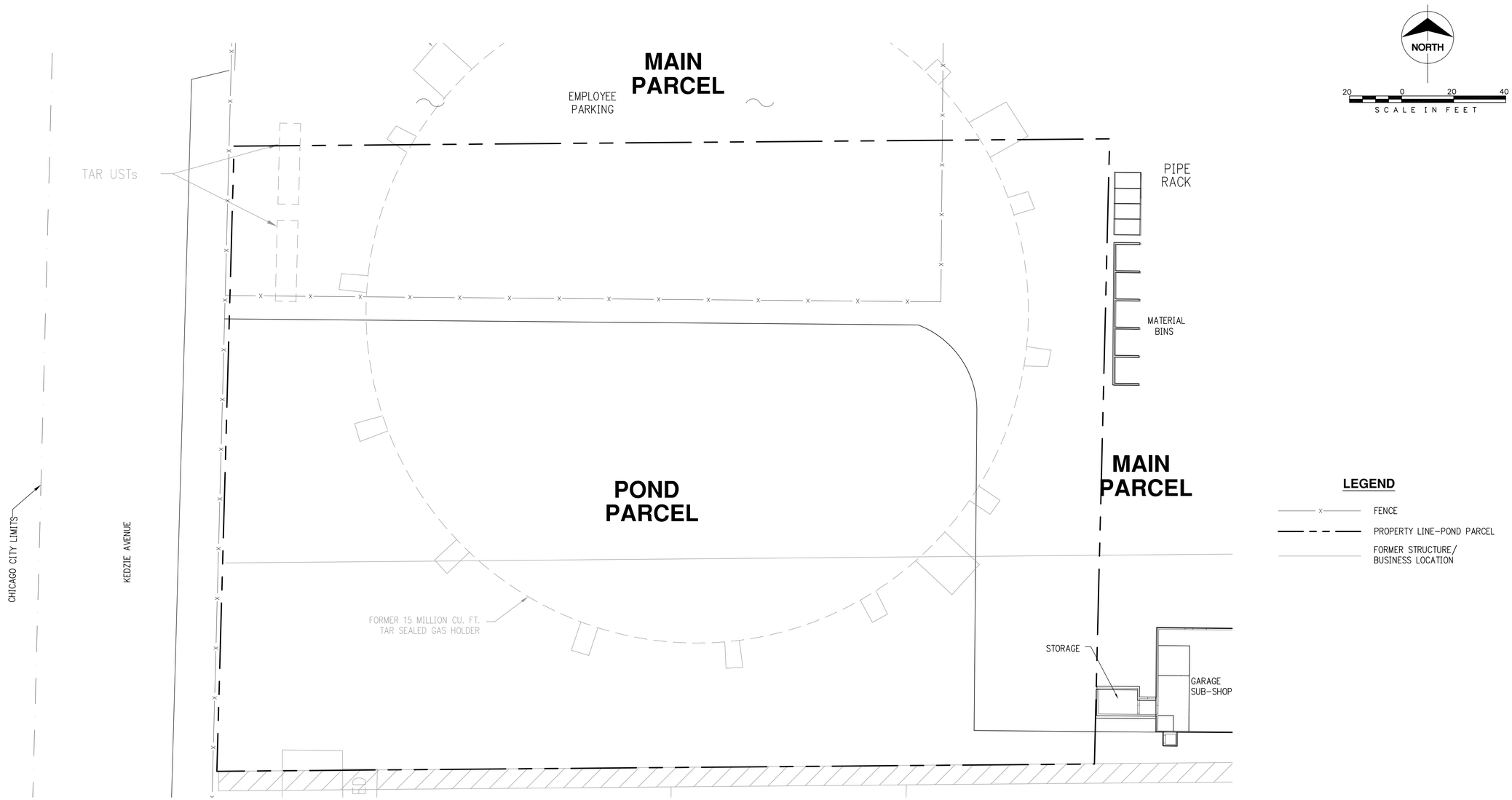
Figure 1

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

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



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.

NOTES:

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

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designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

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

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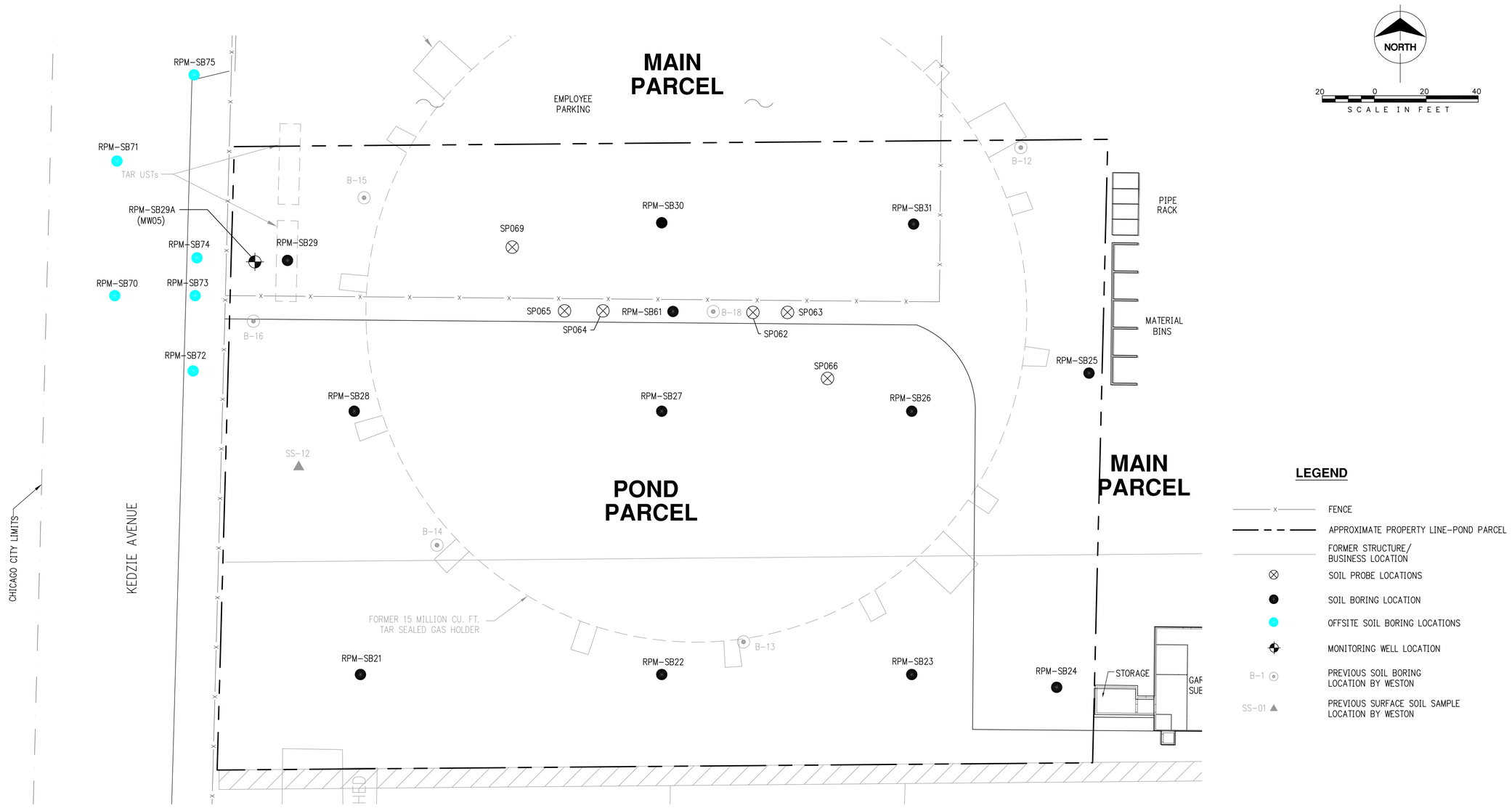

LEGEND

- FENCE
- APPROXIMATE PROPERTY LINE-POND PARCEL
- FORMER STRUCTURE/ BUSINESS LOCATION
- SOIL PROBE LOCATIONS
- SOIL BORING LOCATION
- OFFSITE SOIL BORING LOCATIONS
- MONITORING WELL LOCATION
- B-1 PREVIOUS SOIL BORING 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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THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

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

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drawing	rev. —
sheet of sheets	

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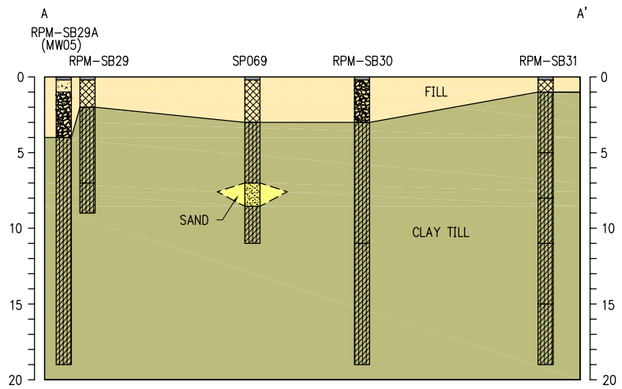
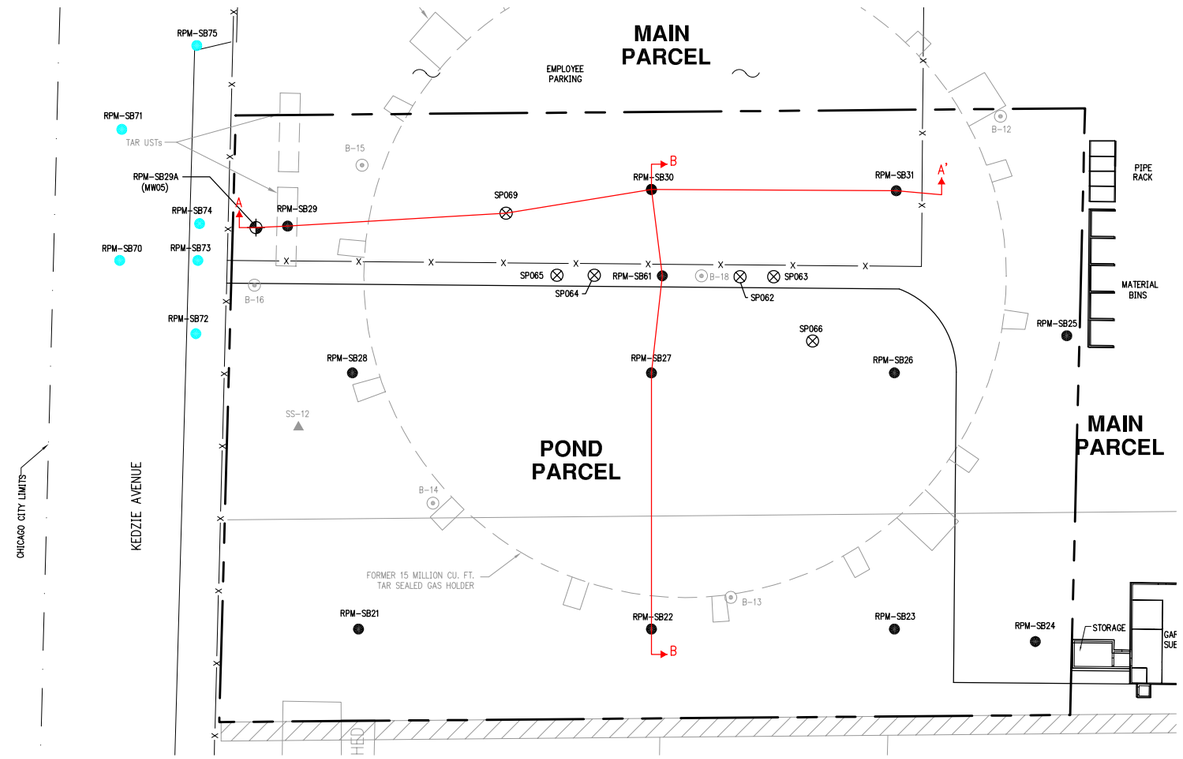
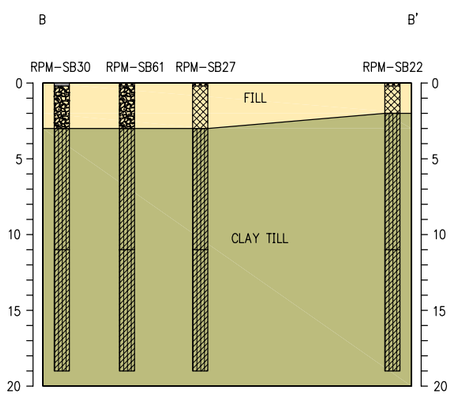


LEGEND

- FILL
- SAND
- SILTY CLAY
- SANDY GRAVEL
- CRUSHED CONCRETE
- ASPHALT
- FILL
- SAND
- CLAY TILL

5 0 5 10
VERTICAL SCALE
40 0 40 80
HORIZONTAL SCALE





LEGEND

- FILL
- TOPSOIL
- SILTY CLAY
- SANDY GRAVEL
- ASPHALT
- FILL
- CLAY TILL

5 0 5 10
VERTICAL SCALE
40 0 40 80
HORIZONTAL SCALE

LEGEND

- FENCE
- APPROXIMATE PROPERTY LINE-POND PARCEL
- FORMER STRUCTURE/ BUSINESS LOCATION
- SOIL PROBE LOCATIONS
- SOIL BORING LOCATION
- OFFSITE SOIL BORING LOCATIONS
- MONITORING WELL LOCATION
- B-1 PREVIOUS SOIL BORING LOCATION BY WESTON
- SS-01 PREVIOUS SURFACE SOIL SAMPLE LOCATION BY WESTON
- A A' CROSS SECTION LOCATION

NORTH

30 0 30 60
SCALE IN FEET

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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THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

FIGURE 5
GEOLOGIC CROSS SECTIONS
ROGERS PARK – POND PARCEL
6659 N. KEDZIE AVENUE

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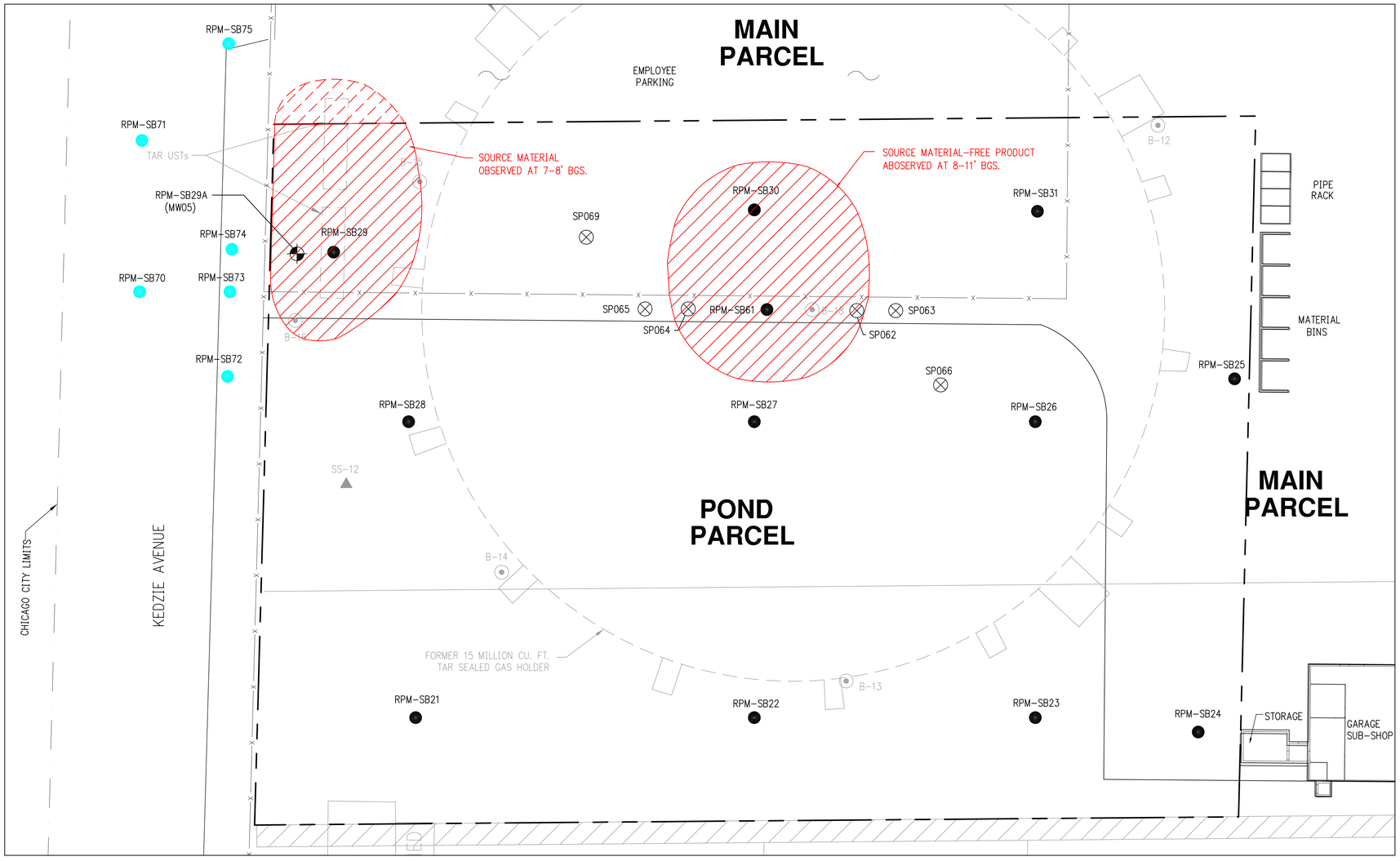

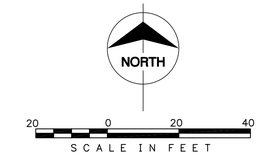

LEGEND

- FENCE
- APPROXIMATE PROPERTY LINE-POND PARCEL
- FORMER STRUCTURE/ BUSINESS LOCATION
- SOIL BORING LOCATIONS
- SOIL PROBE LOCATION
- B-1 PREVIOUS SOIL BORING LOCATION BY WESTON
- SS-01 PREVIOUS SURFACE SOIL SAMPLE LOCATION BY WESTON
- SOURCE IMPACT
- POTENTIAL 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:

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FIGURE 2
SIGNIFICANT FINDINGS MAP
ROGERS PARK – POND PARCEL
6659 N. KEDZIE AVENUE

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Appendix A
Hanson Engineers Report

Rogers Park Pond Parcel
Site Investigation Report for the Pond Parcel

Prepared September 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

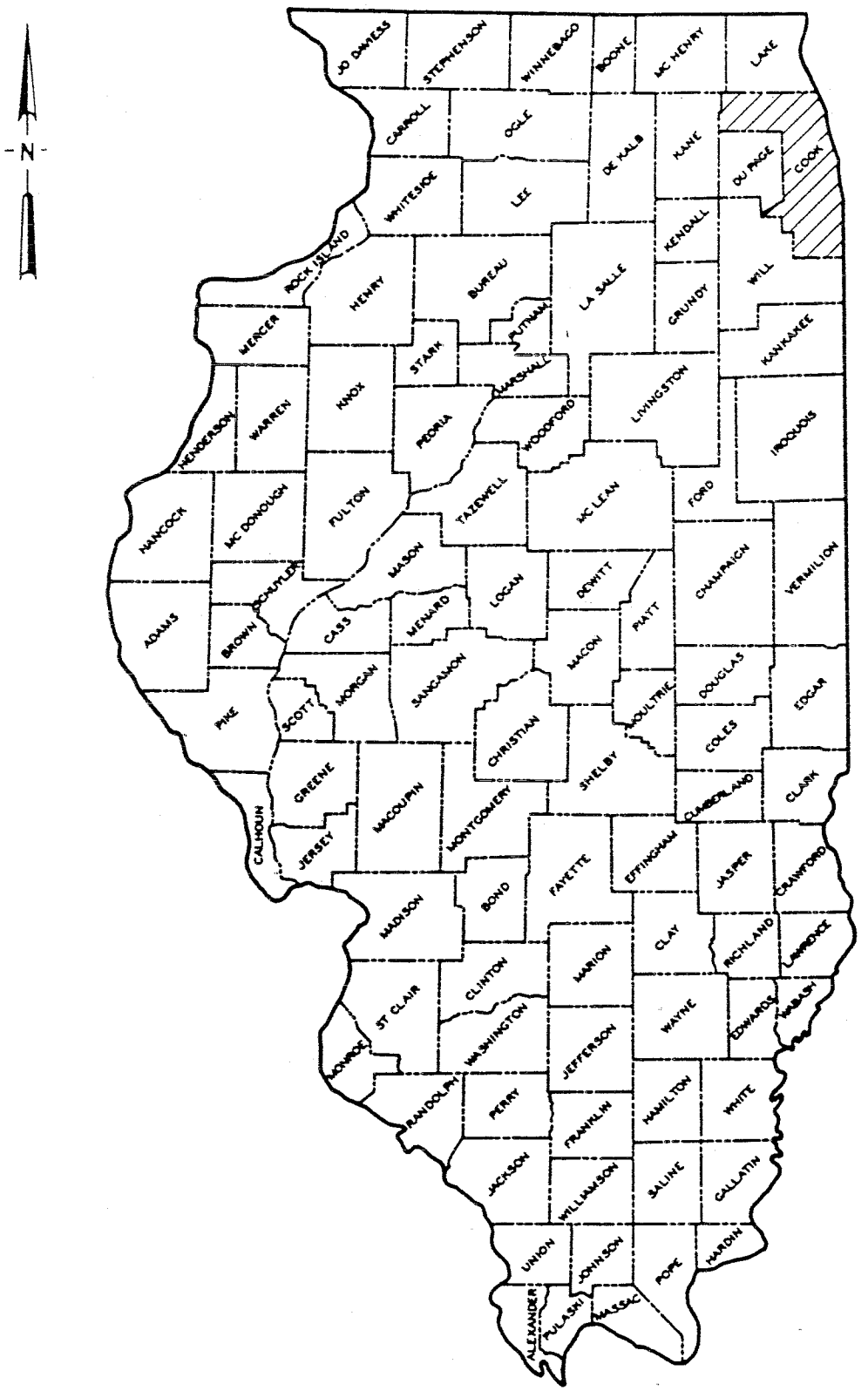
The North Shore Avenue Station gas holder facility (presently Rogers Park Subshop) was located in the Rogers Park Township of Chicago, Illinois, in Cook County. The location of Cook County with respect to the state is shown in Figure 1.1. The site is located in northwest Chicago, east of the North Shore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

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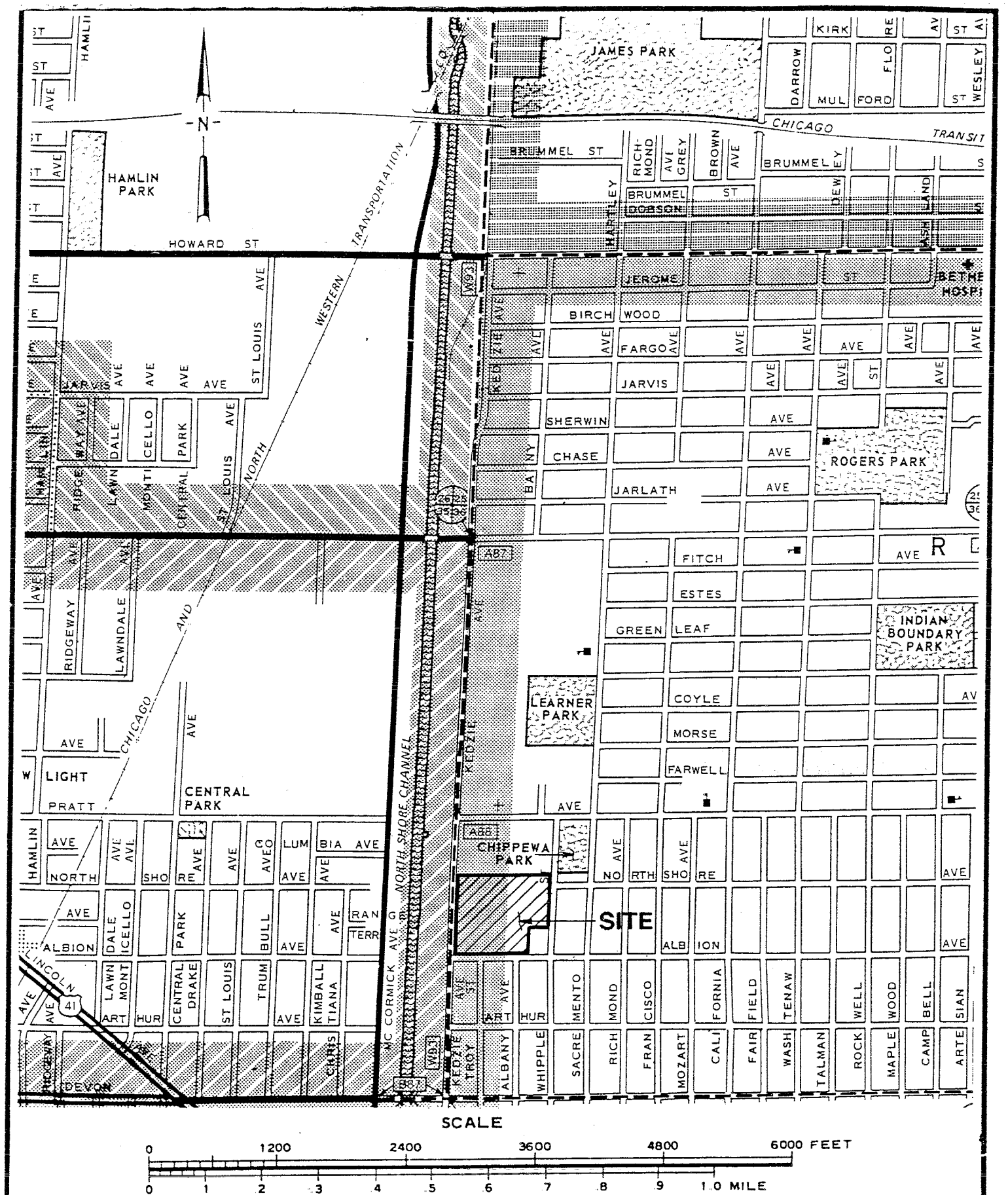
JOB NO. 88S5083B

FIGURE 1.1



SITE LOCATION MAP

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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

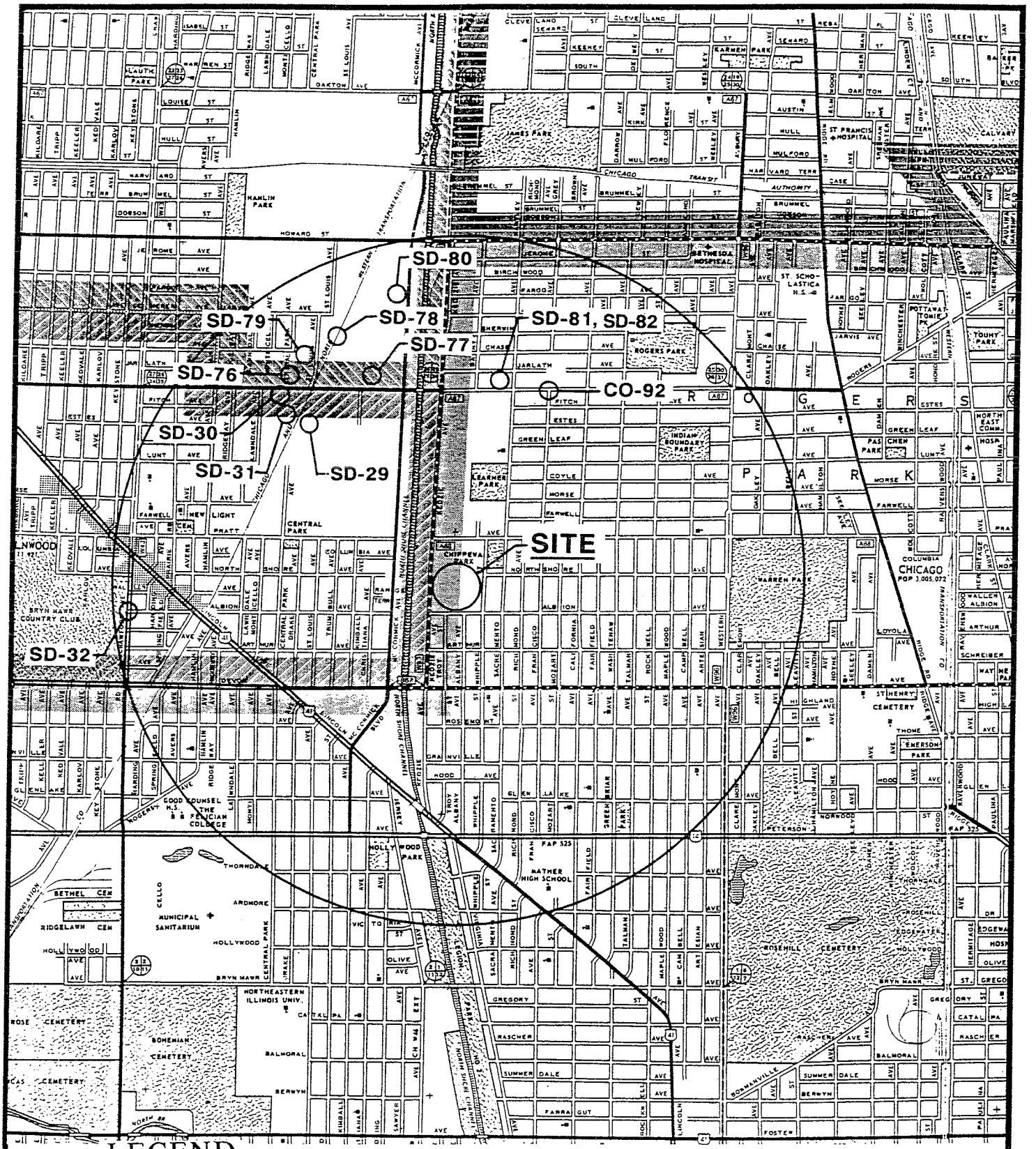
(Table based on 1991 data)

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

WELL LOCATION MAP

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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

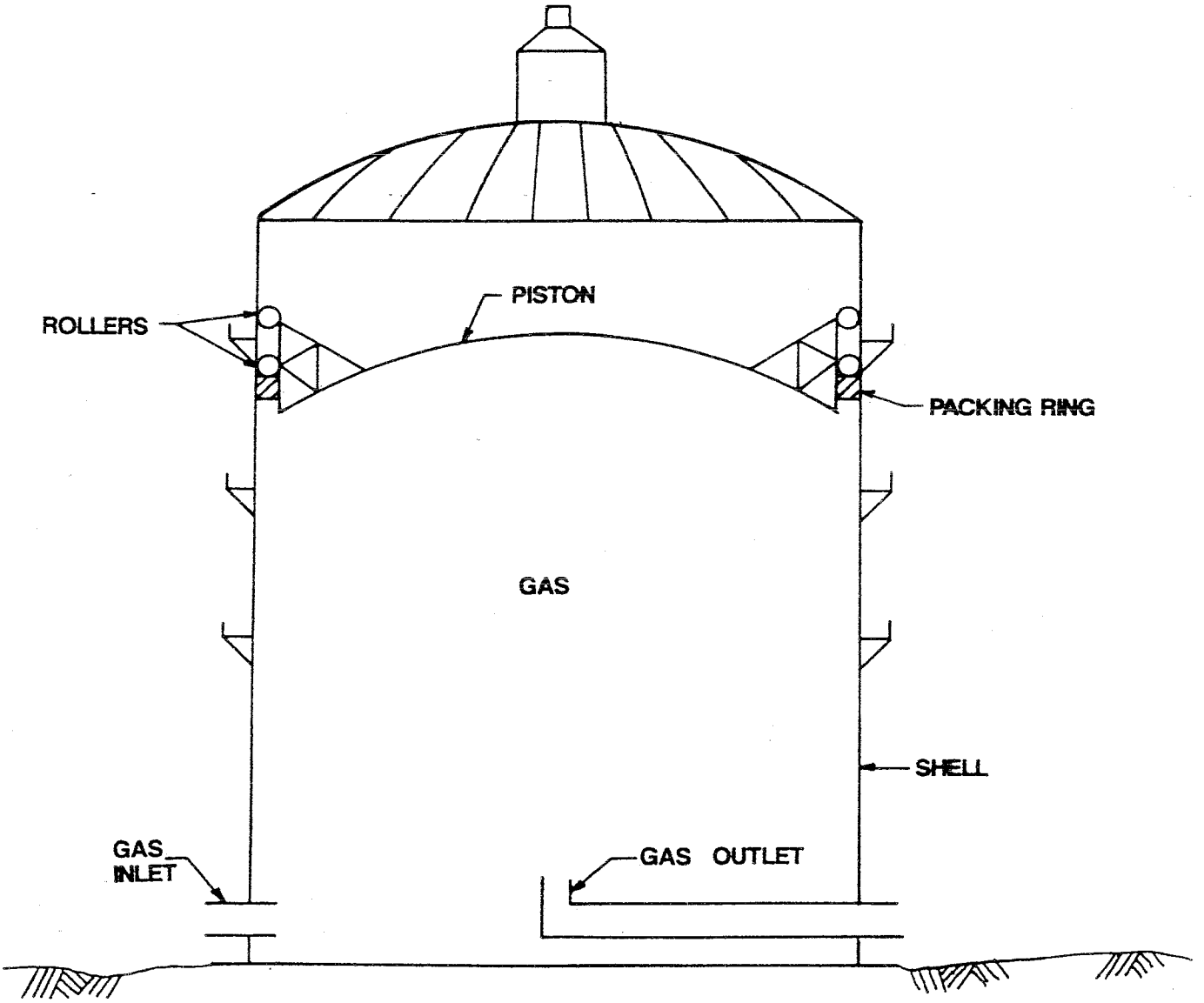
Historical review of site uses, from gas plant operations through the current use, is necessary to determine if impacts to the environment may have occurred. The historical review was concentrated on the site. However, if review of Sanborn maps or other sources revealed off-site facilities or operations 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

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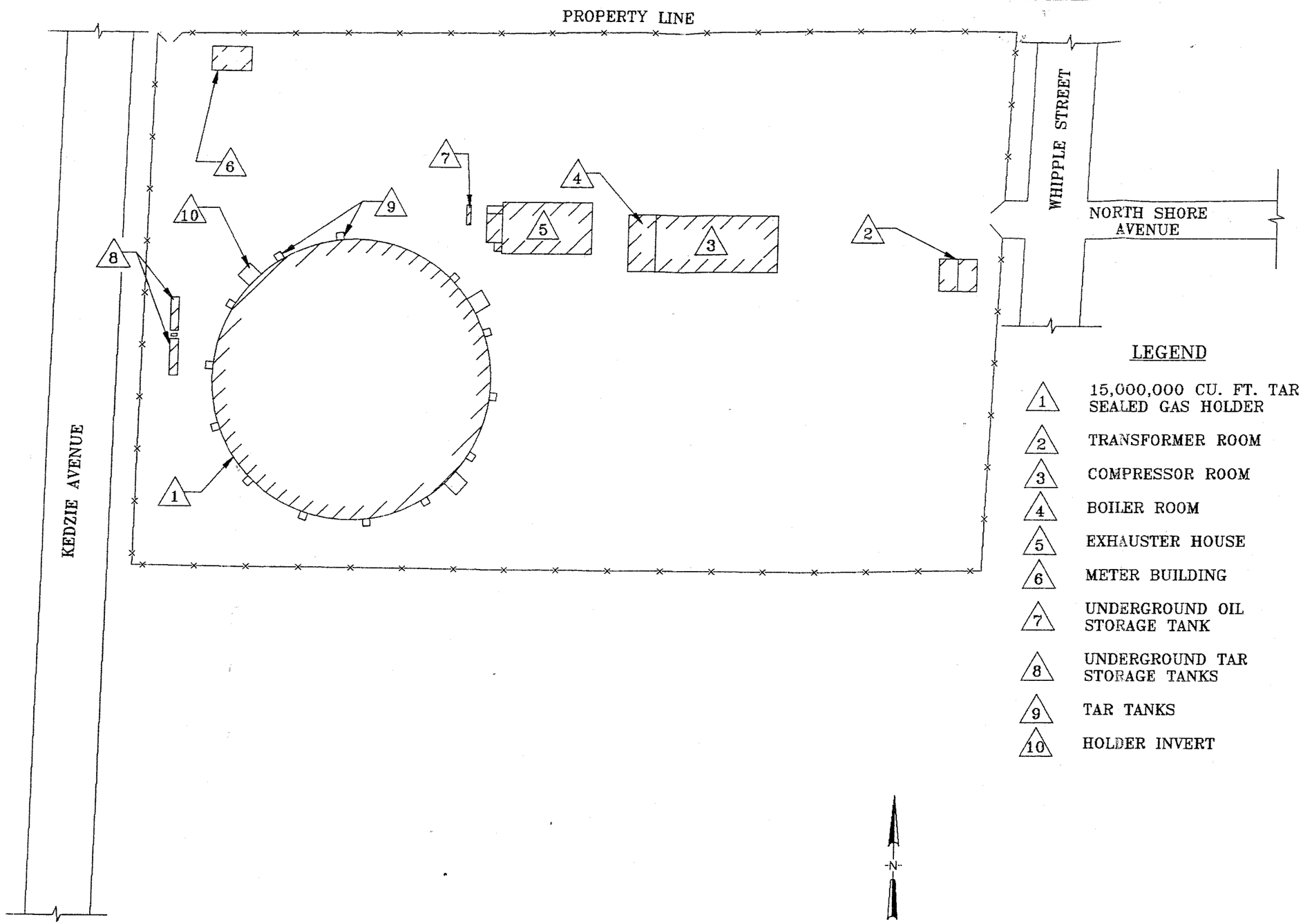
FIGURE 3.1



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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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.

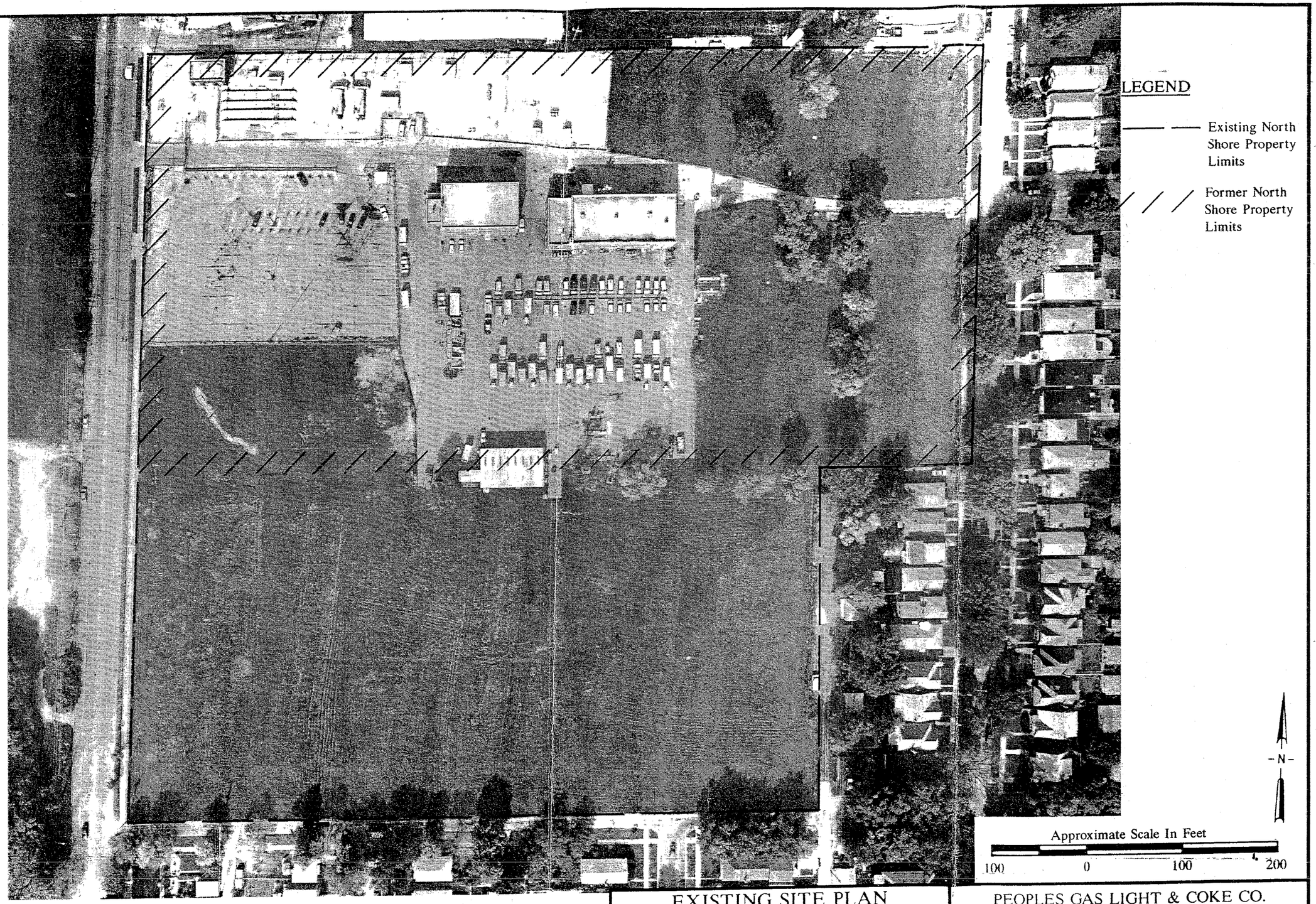
Current Site Use

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



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.

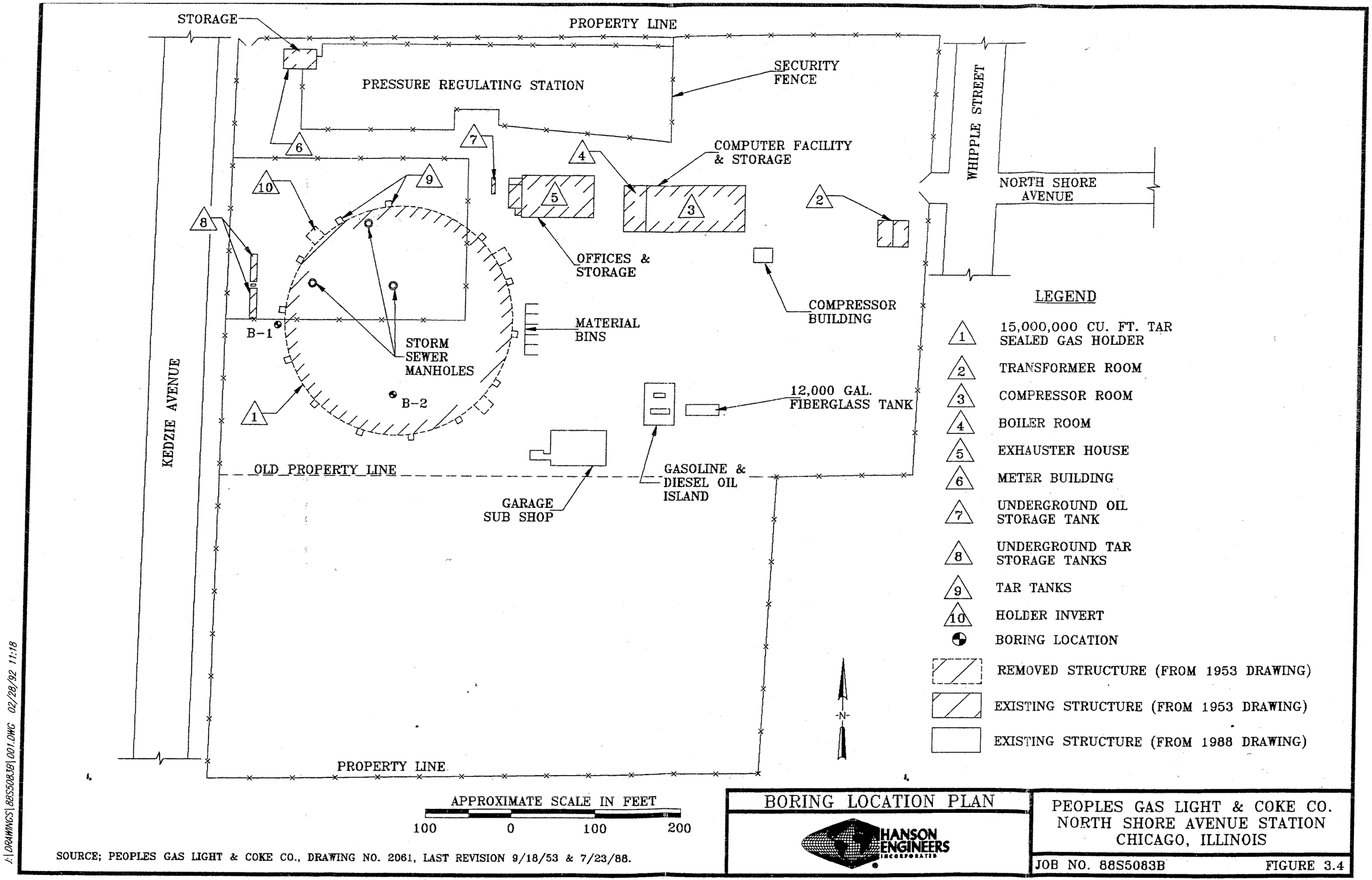
Boring B-2 was completed inside the area formerly occupied by the holder. Soil cuttings from this boring contained no odors or visual indications of soil contamination to the total boring depth of 12.5 ft. The ground water level was 11 ft from ground level after one hour.

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.



BORING LOCATION PLAN

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CHICAGO, ILLINOIS

JOB NO. 88S5083B FIGURE 3.4

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

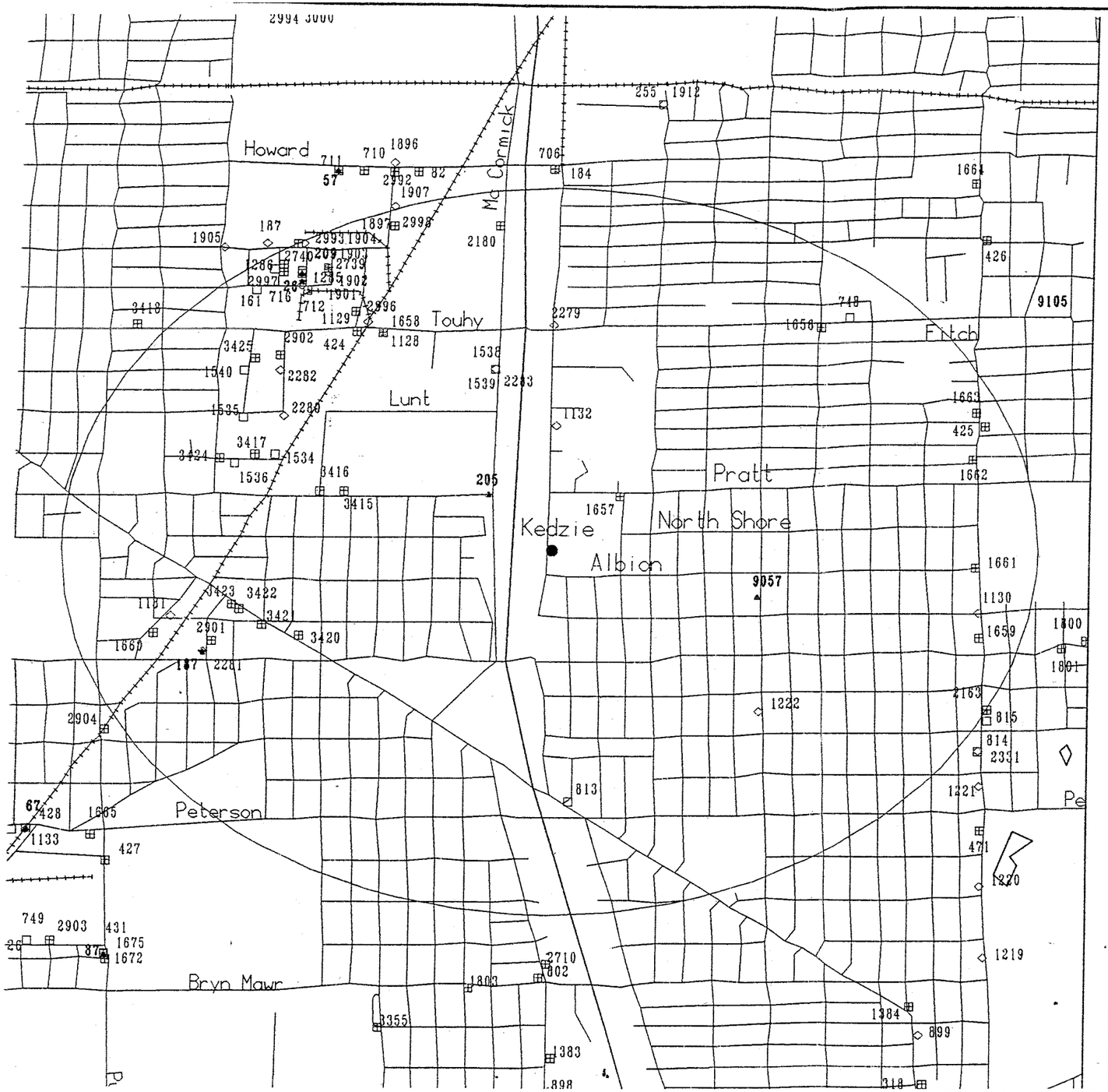
the property owner's name and address, amount of hazardous waste generated, hazardous waste classification, and USEPA comments on the facility.

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



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County: COOK
State: ILLINOIS

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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

HANSON ENGINEERS INCORPORATED

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

Job No. 88S5083B Figure 4.1

I:\DRAWINGS\ENV-GEN\BASE3.DWG 01/29/92 11:13

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.

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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

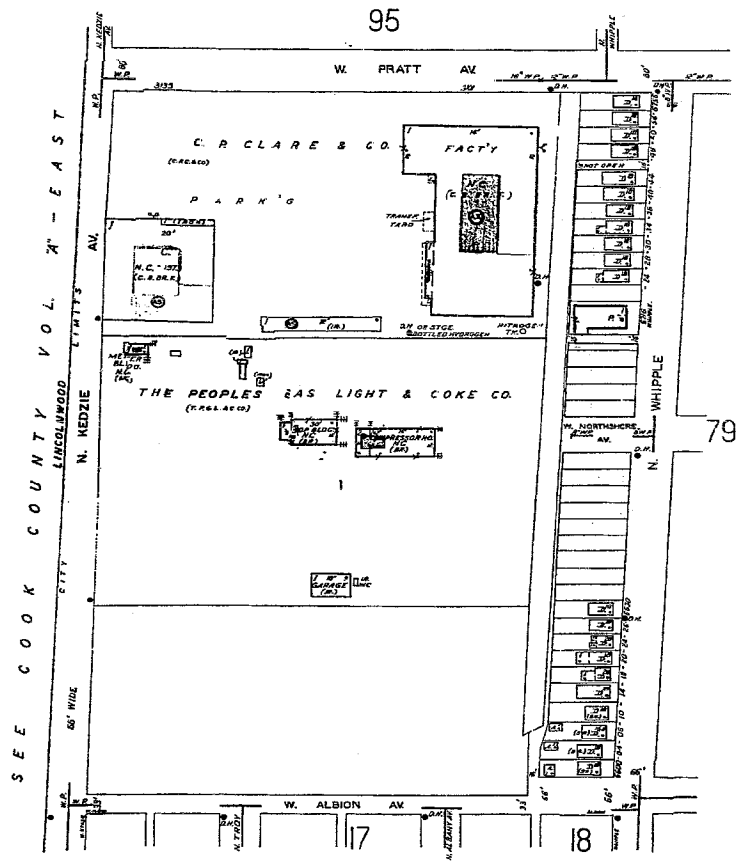
Rogers Park Pond Parcel
Site Investigation Report for the Pond Parcel

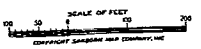
Prepared September 2001

YELLOW COLOR IS OMITTED IN DESIGNATING FRAME AND VENEERED RESIDENTIAL BUILDINGS IN KEEPING WITH CURRENT MAPPING PRACTICE

WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

ALL RESIDENTIAL BUILDINGS COLORED BLUE ARE CONCRETE BLOCK BRICK FACED CONSTRUCTION UNLESS OTHERWISE NOTED





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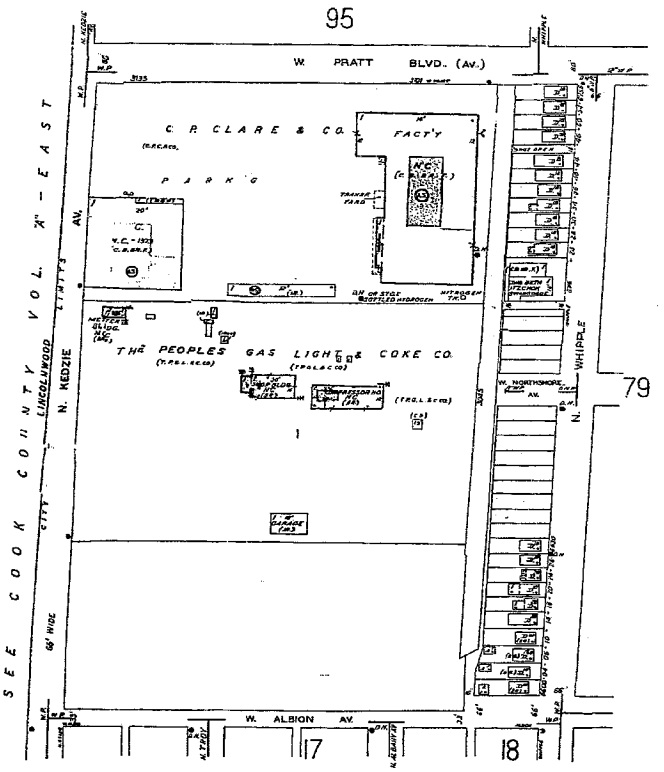

SCALE OF FEET

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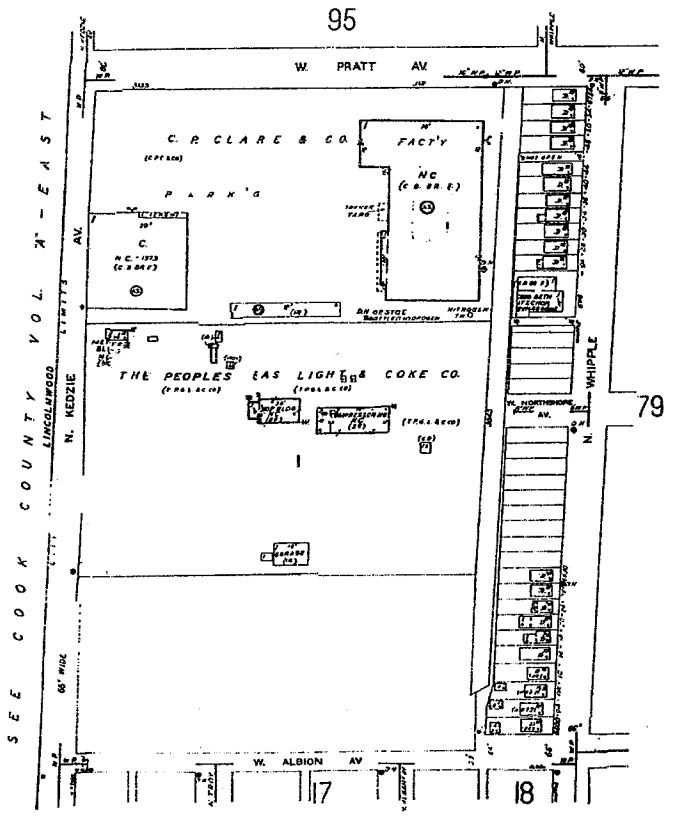

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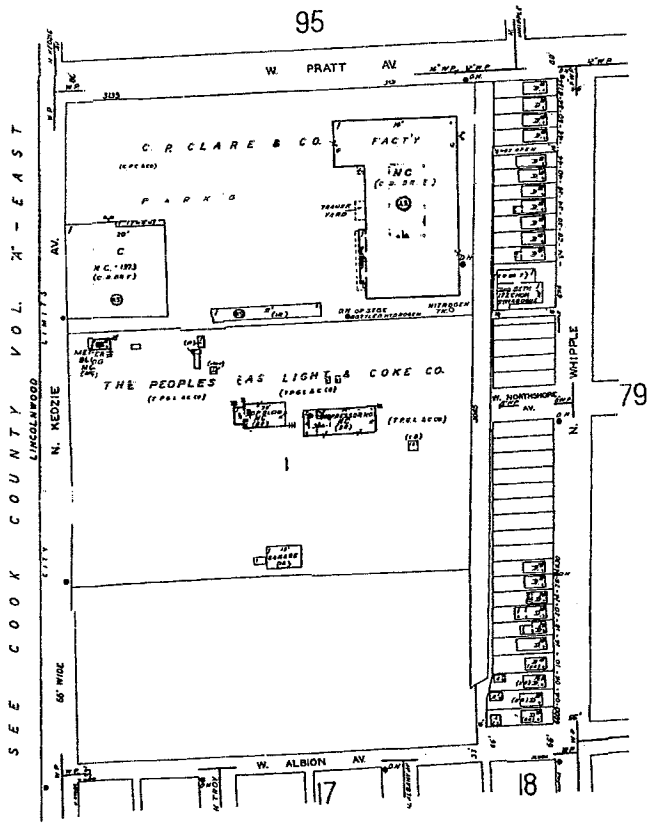

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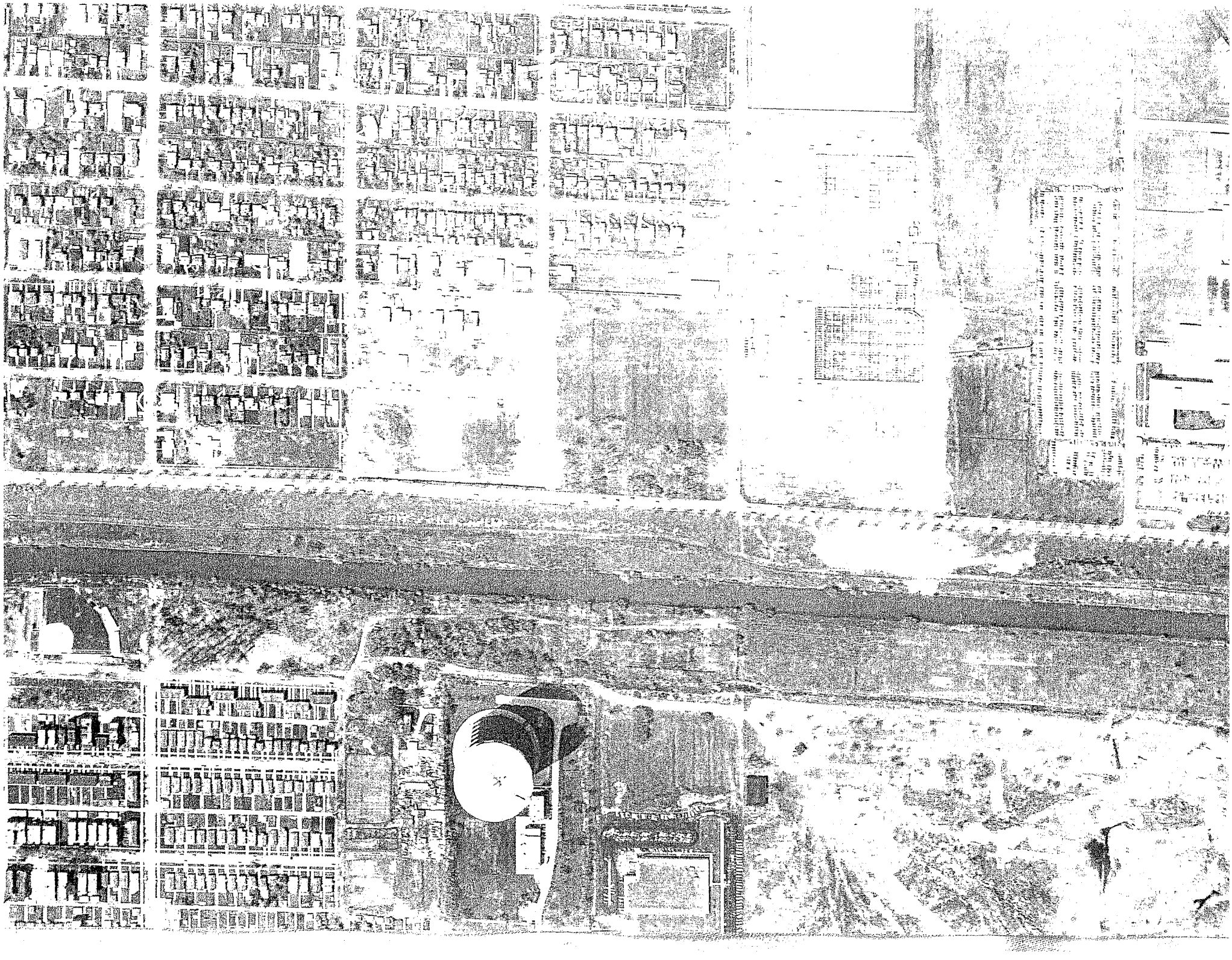

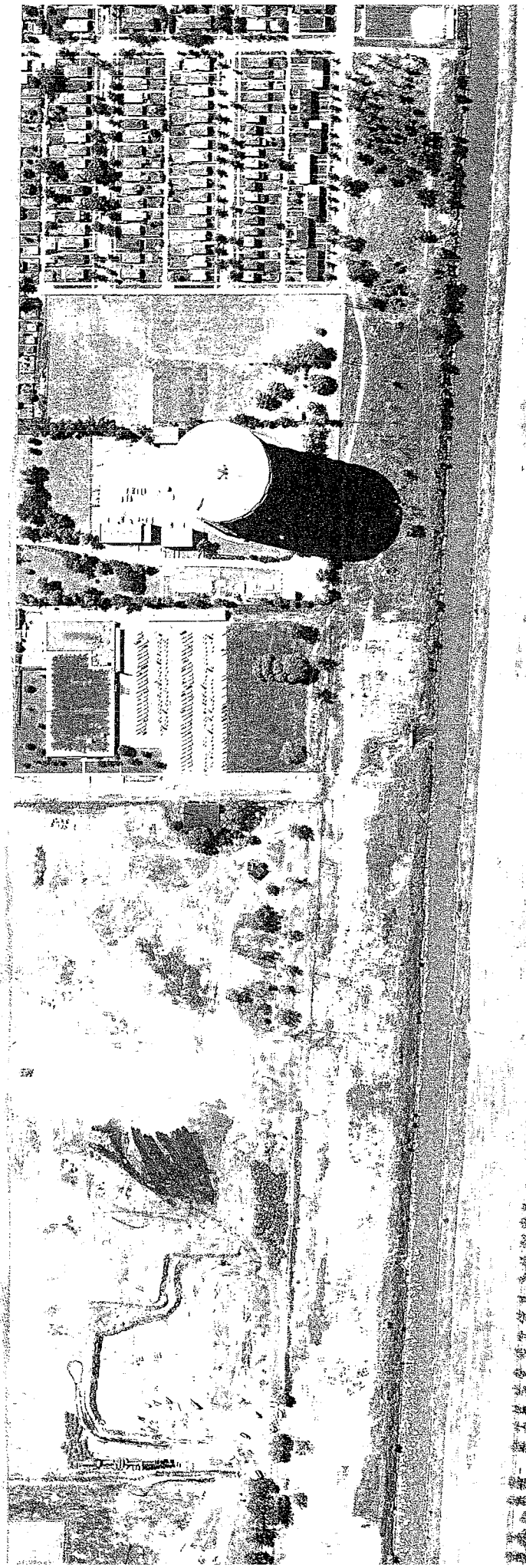

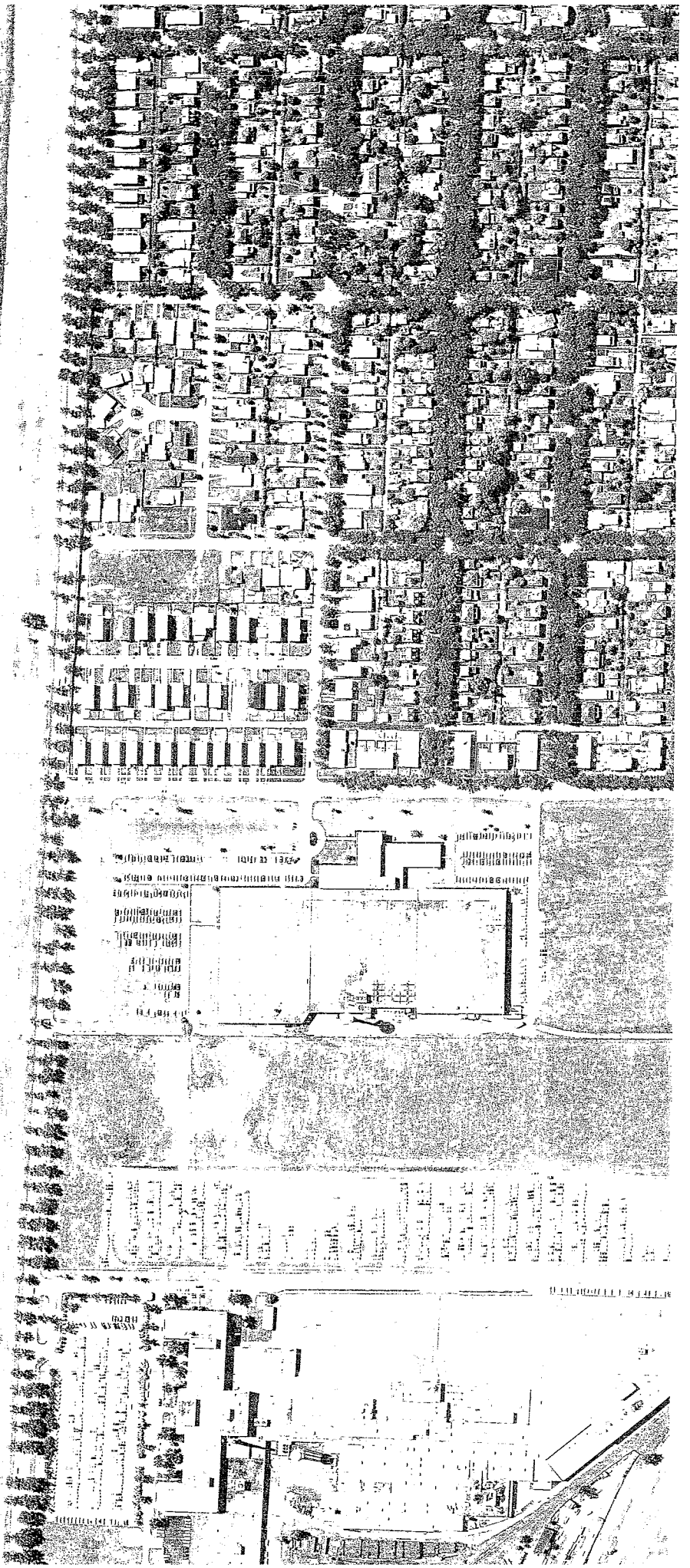

KODAK SAFETY FILM

Appendix C
Soil Boring Logs

Rogers Park Pond Parcel
Site Investigation Report for the Pond Parcel

Prepared September 2001

Drilling Log

Project Name	Project No.	Boring Number
Peoples-Rogers Park Pond	27194	RPM-SP021
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	4			

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
	Topsoil								0	
1	SILTY CLAY, (CL), brown, dry, stiff, trace sand and gravel, low plasticity			3/3		001 @ 1530			0	
2						002 @ 1535			0	
						003 @ 1540			0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, trace sand and gravel, medium plasticity			4/4					0	
4									0	
5									0	
6									0	
7	SILTY CLAY, (CL), brown gray, moist, stiff, trace sand and gravel, medium plasticity			4/4					0	
8	As above, soft								0	
9						004 @ 1550			0	
10									0	
11	SILTY CLAY, (CL), gray, moist, soft, trace sand and gravel, medium plasticity			4/4					0	
12									0	
13									0	
14										

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Drilling Log, continued

Boring Number	RPM-SP021
Project Name	Peoples-Rogers Park 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, moist, soft, trace sand and gravel, medium plasticity								0	
15	As above								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 Pond	27194	RPM-SP022
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	5			

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
	Topsoil					001 @ 0920			0	
	FILL: gravel and concrete fragments, trace asphalt material					002 @ 0930				
1				2/3		003 @ 0940			0	
2	SILTY CLAY, (CL), brown black, dry, stiff, some sand, trace gravel, low plasticity					004 @ 0950			0	
3									0	
4	SILTY CLAY, (CL), gray brown, moist, stiff, trace sand and gravel, medium plasticity								0	
5				4/4					0	
6						005 @ 1000			0	
7	As above, wet								0	
8									0	
9				4/4					0	
10									0	
11	SILTY CLAY, (CH), gray brown, saturated, soft, some sand and gravel, highly plastic								0	
12									0	
13				2/4					0	
14										

ENVIRONMENTAL LOG POND.GPJ BURNS_MO.GDT 8/13/01

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Drilling Log, continued

Boring Number	RPM-SP022
Project Name	Peoples-Rogers Park 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), gray brown, saturated, soft, some sand and gravel, highly plastic GRAVEL at 14' (3")								0	
15	SILTY CLAY, (CH), gray, saturated, very soft, some sand, highly plastic								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 Pond	27194	RPM-SP023
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	5			

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

Date	To	Field Observer (s)	Reviewed By:
5-1-01	5-1-01	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					001 @ 0815			0	
						002 @ 0825			0	
1	SILTY CLAY, (CL), brown, dry, stiff, some sand, low plasticity			3/ 3		003 @ 0835			0	
2						004 @ 0840			0	
3	SILTY CLAY, (CL), brown gray, dry, stiff, trace sand, gravel and plant material, medium plasticity								0	
4									0	
5				4/ 4					0	
6									0	
7	As above								0	
8									0	
9				4/ 4		005 @ 0850			0	
10									0	
11	SILTY CLAY, (CL), gray, moist, stiff, trace sand, gravel and plant material, medium plasticity								0	
12									0	
13				1/ 4					0	
14										

ENVIRONMENTAL LOG POND.GPJ BURNS_MO.GDT 8/13/01

Burns & McDonnell SINCE 1898

Drilling Log, continued

Boring Number	RPM-SP023
Project Name	Peoples-Rogers Park 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, moist, stiff, trace sand, gravel and plant material, medium plasticity								0	
15									0	
	As above									
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 Pond	27194	RPM-SP024
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 POND.GPJ BURNS_MO.GDT 8/13/01

Burns & McDonnell SINCE 1898

Drilling Log, continued

Boring Number	RPM-SP024
Project Name	Peoples-Rogers Park 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 Pond	27194	RPM-SP025
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	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-SP025
Project Name	Peoples-Rogers Park 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 Pond	27194	RPM-SP026
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 5-1-01	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
	Topsoil								0	
	FILL, concrete fragments and gravel					001 @ 1315				
1				2/3					0	
2	SILTY CLAY, (CL), brown, dry, stiff, trace sand, gravel and plant material, low plasticity					002 @ 1325			0	
3									0	
4									0	
5				2/4					0	
6	Sand and gravel at 6' (6")								0	
7	SILTY CLAY, (CL), brown, moist, stiff, trace sand and gravel, medium plasticity								0	
8									0	
9				4/4		003 @ 1340			0	
10									0	
11	SILTY CLAY, (CL), brown gray, moist, soft, trace sand, gravel and plant material, medium plasticity								0	
12									0	
13				3/4					0	
14										

ENVIRONMENTAL LOG POND.GPJ BURNS_MO.GDT 8/13/01

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Drilling Log, continued

Boring Number	RPM-SP026
Project Name	Peoples-Rogers Park 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), brown gray, moist, soft, trace sand, gravel and plant material, medium plasticity								0	
15	As above								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 Pond	27194	RPM-SP027
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: 5-1-01 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
	Topsoil								0	
	FILL, sand, brown, dry, dense, with concrete fragments and gravel									
1				2/3		001 @ 1415			0	
2						002 @ 1425			0	
3	SILTY CLAY, (CL), brown, dry, stiff, trace sand and gravel, medium plasticity								0	
4									0	
5				4/4					0	
6									0	
7	SILTY CLAY, (CL), brown gray, moist, stiff, some sand and gravel, medium plasticity								0	
8						003 @ 1430			0	
9				4/4					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										

ENVIRONMENTAL LOG POND.GPJ BURNS_MO.GDT 8/13/01

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Drilling Log, continued

Boring Number	RPM-SP027
Project Name	Peoples-Rogers Park 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), brown gray, moist, soft, trace sand and gravel, medium plasticity								0	
15	As above								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 Pond	27194	RPM-SP028
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: 5-1-01 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
	Topsoil								0	
	SILTY CLAY, (CL), brown, dry, stiff, some sand and gravel, low plasticity					001 @ 1455				
1				2/3					0	
2						002 @ 1500			0	
3	SILTY CLAY, (CL), brown, moist, stiff, trace sand and gravel, medium plasticity								0	
4									0	
5				4/4					0	
6									0	
7	As above					003 @ 1505			0	
8									0	
9				4/4					0	
10	Glass fragments at 10' (2")								0	
11	SILTY CLAY, (CL), brown, moist, soft, trace sand and gravel, medium plasticity								0	
12									0	
13				1/4					0	
14										

ENVIRONMENTAL LOG POND.GPJ BURNS_MO.GDT 8/13/01

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Drilling Log, continued

Boring Number	RPM-SP028
Project Name	Peoples-Rogers Park 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), brown, moist, soft, trace sand and gravel, medium plasticity								0	
15	As above								0	
16									0	
17				2/ 4					0	
18	Sand layer at 18' (4")								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 Pond	27194	RPM-SP061
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	5			

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
	Topsoil								0	
1	GRAVELLY SAND, (GC), medium to coarse, dark gray, dry, loose, with clay			3/ 3		001 @ 1300			0.3	Slight to strong odor (1-3')
						002 @ 1305				
2									5	
						003 @ 1310				
3	SILTY CLAY, (CL), brown gray, dry, stiff, trace sand and gravel, low plasticity								48.5	Strong odor, staining (3-7')
4									157	
5				4/ 4		004 @ 1320			146	
6									220	
7	SILTY CLAY, (CL), brown gray, moist, stiff, trace sand and gravel, medium plasticity								367	
8	GRAVELLY SAND at 8' (6")					005 @ 1330			114	Strong odor, staining, coating, saturation (8-11')
9				4/ 4					273	
10									57	
11	SILTY CLAY, (CL), gray, moist, soft, trace sand and gravel, medium plasticity								243	Strong odor (11-16')
12									150	
13				4/ 4					107	
14										

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Drilling Log, continued

Boring Number	RPM-SP061
Project Name	Peoples-Rogers Park Pond
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								275	
15									169	
16									60	
17				4/ 4					1.6	Odor diminishes
18									1.1	
19	End of boring									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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