THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION CHICAGO, ILLINOIS

COMPREHENSIVE SITE INVESTIGATION REPORT

Prepared for

THE PEOPLES GAS LIGHT and COKE COMPANY

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Project No. 32088

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EXECUTIVE SUMMARY

In conformance with the Illinois Site Remediation Program (SRP), The Peoples Gas Light and Coke Company (Peoples Gas) engaged Burns & McDonnell to perform a site investigation (SI) on the 1640 North Kingsbury portion of the former Willow Street Station manufactured gas plant (MGP) site in Chicago, Illinois (Site). This comprehensive SI report summarizes SI activities and findings at the Site.

The Site is located at the intersection of Willow Street and North Kingsbury Street in Section 32, Township 40 North, Range 14 East in the City of Chicago, Cook County, Illinois. The former Willow Street Station gas production and storage facility was approximately 5.5 acres in size and was located on three parcels of land. One parcel of the former Willow Street Station was located east of Kingsbury Street and the other two parcels were located west of Kingsbury Street adjacent to the North Branch of the Chicago River. The Site is located primarily on the western portion of the former Willow Street Station. The Site occupies approximately 3.4 acres and is bounded to the north and south by industrial/commercial properties (including Demco Metals, Inc. to the north and a storage yard to the south); to the east by the Chicago, Milwaukee and St. Paul Railroad and Kingsbury Street beyond which is a Commonwealth Edison transformer station, a Peoples Gas regulator station and commercial properties; and to the west by the North Branch of the Chicago River. The Site address is 1640 North Kingsbury Street, Chicago, Illinois. The Site is owned by GI North Property, LLC (GI North) and is occupied by General Iron Industries, Inc. (GI) for use as a laydown area for unprepared steel. The ground surface is unpaved, most of the original aboveground gas plant structures have been removed and a chain-link fence exists along Kingsbury Street.

According to available information, the Ogden Gas Company constructed the Willow Street Station between approximately 1895 and 1897. The coal gasification plant was operated to supply low British thermal unit (BTU) gas to residential, commercial and industrial customers. At that time, a 420,000-cubic foot (ft^3) gas holder, a 100,000-ft^3 gas holder, 70,000 gallon oil tank, 73,000 gallon oil tank, 158,000 gallon tar tank, hydrometers, a coal shed, generators and two (2) tar wells were on the Site. In 1907, Peoples Gas began leasing the property from Ogden Gas Company. Production and the station were shut down between 1910 and 1921. In 1938, most of the aboveground structures were dismantled and in 1944, the original gas holders were dismantled. Peoples Gas began leasing portions of the former Willow Street Station in 1944 and selling portions in 1947. Between 1949 and 1951, Peoples Gas leased a portion of the Site to Construction Aggregates Company, later Material Services Corporation and E. L. Hedstrom Coal Company for the storage of construction related materials and coal. In 1953, Peoples Gas began distributing natural gas, and the Site was reactivated as a storage and distribution station. A 17,000,000-ft^3 tar-sealed gas holder was constructed in 1953 over part of the former production facilities located on the western portion of the former Willow Street Station to accommodate the natural gas distribution system. The 17,000,000-ft^3 gas holder was retired in 1972. Underground portions of the gas holder may still be present. Since 1988, GI or GI North has owned the majority of the western portion of the former Willow Street Station, and GI has used the property as a laydown area for unprepared steel.

SI field activities were conducted in February and March 2002. A total of eighteen (18) soil probes and twenty-one (21) soil borings were advanced at various locations at the Site. Surface and subsurface soil samples were collected from soil probe and boring locations using direct push sampling equipment and hollow stem augering equipment. Soil samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), priority pollutant metals, barium and total cyanide. Certain samples were also analyzed for toxicity characteristic leaching procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals, reactive cyanide, reactive sulfide, flashpoint/BTU, and soil pH. In addition, eight (8) soil samples were analyzed for total petroleum hydrocarbons (TPH), one (1) surface soil sample (SP35-001) was analyzed for TCLP lead and synthetic precipitate leaching procedure (SPLP) lead, and one (1) subsurface soil sample (SB04-001) was analyzed for TCLP chromium and SPLP chromium. Physical laboratory tests were performed on two (2) subsurface soil samples. Five (5) two-inch temporary monitoring wells were installed at the Site. Groundwater samples were collected from three (3) of the five (5) temporary monitoring wells. Two (2) monitoring wells were not sampled due to insufficient volume during SI activities. The groundwater samples were analyzed for TCL VOCs, TCL SVOCs, PAHs, PCBs, priority pollutant metals, barium, total cyanide and pH.

The following two stratigraphic units, listed in descending order from ground surface, were identified at the Site: fill and silty clay. The fill material was encountered at all boring locations varying in thickness from 2 to 16 feet. Silty clay was found underlying the fill unit at depths of 2 to 20 feet below ground surface (bgs), the maximum depth of soil probes and borings. No bedrock was encountered during the SI. Physical laboratory tests and Site conditions were evaluated and support a Class II designation for shallow groundwater encountered at the Site.

During SI field activities, soil impacts were observed to varying degrees in samples obtained from the Site. Source material was identified at the Site based on visual observation and evaluation of analytical results. Nine (9) soil samples (SP10-011, SB18B-002, SB21-002, SB22-001, SB23-003, SB24-002, SB26-001, SP40-001, and SB45-002) met the regulatory definition of source material, according to Chapter 35 of the Illinois Administrative Code (IAC), Section 742.305. Based on analytical results, the following source material areas were identified:

- The former tar wells;
- The former 100,000-ft^3 gas holder;
- The former 420,000-ft^3 gas holder;
- The center of the former 17,000,000-ft^3 gas holder, north of the former tar wells;
- The vicinity of the possible location of the west valve/weir box; and
- A shallow, PCB surface soil area located on the southwestern portion of the Site, which has been subsequently remediated (see Section 5.4 below).

Exposure routes for the Site were evaluated against industrial/commercial Tiered Approach to Corrective Action Objectives (TACO) Tier 1 screening levels as follows:

- Benzo(a)pyrene, dibenzo(a,h)anthracene, aroclor 1242, aroclor 1254, and lead exceeded Tier 1 soil ingestion screening levels.
- Benzene, naphthalene, and chromium exceeded Tier 1 soil inhalation screening levels.
- Benzene, carbazole, benzo(a)anthracene, naphthalene, and selenium exceeded Tier 1 Class II soil migration to groundwater screening levels.
- Benzene, benzo(a)anthracene, copper, lead, and thallium exceeded the Tier 1 Class II groundwater ingestion levels.

The overall objective of the SI was to further characterize surface and subsurface conditions. The objectives of the SI were met and the nature and extent of impacted areas were defined to the extent practicable due to given Site constraints.

* * * * *

1.0 SITE CHARACTERIZATION

In conformance with the Illinois Environmental Protection Agency (Illinois EPA) Site Remediation Program (SRP), defined in Title 35, Part 740 of the Illinois Administrative Code (35 IAC Part 740), The Peoples Gas Light and Coke Company (Peoples Gas) engaged Burns & McDonnell to perform a comprehensive site investigation (SI) at the 1640 North Kingsbury Street portion of the former Willow Street Station manufactured gas plant (MGP) site in Chicago, Illinois (Site). This comprehensive SI report presents SI findings from field activities conducted in February and March 2002.

1.1 SITE DESCRIPTION

The Site is located at the intersection of Willow Street and North Kingsbury Street in Section 32, Township 40 North, Range 14 East in the City of Chicago, Cook County, Illinois. Figure 1 presents the Site location map. The former Willow Street Station gas production and storage facility was approximately 5.5 acres in size and was located on three parcels of land. One parcel of the former Willow Street Station was located east of Kingsbury Street and the other two parcels were located west of Kingsbury Street adjacent to the North Branch of the Chicago River. Figure 2 presents the former Willow Street Station layout map. The Site is located on the majority of the western portion of the former Willow Street Station. The Site occupies approximately 3.4 acres and is bounded to the north and south by industrial/commercial properties (including Demco Metals, Inc. to the north and a storage yard to the south); to the east by the Chicago, Milwaukee and St. Paul Railroad and Kingsbury Street beyond which is a Commonwealth Edison transformer station, a Peoples Gas regulator station and commercial properties; and to the west by the North Branch of the Chicago River. The Site address is 1640 North Kingsbury, Chicago, Illinois. The Site is currently owned by GI North Property, LLC (GI North) and is occupied by General Iron Industries, Inc. (GI) for use as a laydown area for unprepared steel. Appendix A contains the plat of survey of the Site.

1.2 SITE HISTORY

According to available information, the Ogden Gas Company constructed the Willow Street Station between approximately 1895 and 1897. The coal gasification plant was operated to supply low British thermal unit (BTU) gas to residential, commercial and industrial customers. At that time, a 420,000-cubic foot (ft^3) gas holder, a 100,000-ft^3 gas holder, a 70,000 gallon oil tank, a 73,000 gallon oil tank, a 158,000 gallon tar tank, hydrometers, a coal shed, generators and two (2) tar wells were on the Site. Appendix B contains available Sanborn maps. Gas was produced using the carburetted water gas method, which is a modification to the blue gas methods. In 1907, Peoples Gas began leasing the property from Ogden Gas Company. Production and the station were shut down between 1910 and 1921. In 1938, most of the aboveground structures were dismantled and in 1944, the original gas holders were dismantled. Peoples Gas began leasing portions of the former Willow Street Station in 1944 and selling portions in 1947. Between 1949 and 1951, Peoples Gas leased a portion of the Site to Construction Aggregates Company, later Material Services Corporation and E. L. Hedstrom Coal Company for the storage of construction related materials and coal.

In 1953, Peoples Gas began distributing natural gas, and the Site was reactivated as a storage and distribution station. A 17,000,000-ft^3 tar-sealed (waterless) gas holder was constructed over part of the former production facilities located on the western portion of the former Willow Street Station to accommodate the natural gas distribution system. The diameter of the gas holder was approximately 255 feet with a maximum height of approximately 339 feet. The 17,000,000-ft^3 gas holder was retired in 1972. Underground portions of the gas holder may still be present. Figure 3 presents the historical Site layout. Since 1988, GI or GI North has owned the majority of the western portion of the former Willow Street Station, and GI has used the property as a laydown area for unprepared steel.

1.3 PREVIOUS INVESTIGATIONS

In 1991, Hanson Engineers Incorporated (HEI) conducted a preliminary SI at the former Willow Street Station. The objective of the preliminary SI was to determine the potential for impacts, if any, associated with the former Willow Street Station. The investigation encompassed the entire 5.5 acres (including both the west and east portions). The investigation included a review of the environmental setting, historical documents provided by Peoples Gas, Sanborn maps and a water well survey. The report concluded that most of the original gas plant buildings had been removed at the Site; below ground portions of the gas holders could contain residual tars, if not removed during demolition of the gas plant; groundwater is not used within a one-mile radius of the Site; and no municipal wells are located within a one-mile radius (HEI 1991).

1.4 SITE PHYSIOGRAPHY AND SITE TOPOGRAPHY

The Site is bounded to the north and south by industrial/commercial properties (including Demco Metals, Inc. to the north and a storage yard to the south), to the east by the Chicago, Milwaukee and St. Paul Railroad and Kingsbury Street, and to the west by the North Branch of the Chicago River. The ground surface is unpaved. Most of the original aboveground gas plant structures have been removed and a chain-link fence exists along Kingsbury Street.

According to the United States Geological Survey (USGS) 7.5-Minute Chicago Loop Quadrangle, the Site is at an elevation of approximately 590 feet above mean sea level (USGS 1993). Regional surface water flow is northwesterly toward the North Branch of the Chicago River, which is adjacent to the west boundary of the Site.

1.5 GEOLOGICAL INFORMATION REVIEW

In the Chicago area, unconsolidated glacial deposits of Quaternary age overlie bedrock deposits of Silurian age (Willman 1971). Quaternary sediments in the region primarily consist of glaciofluvial and glaciolacustrine deposits of sand and gravel. Lacustrine deposits of silt and clay from ancestral Lake Chicago are also present in the area along with windblown loess (silt) deposits concentrated in the upland areas.

Surface soils in the vicinity consist of silts and clays associated with Carmi member of the Equality Formation (Lineback 1979). This unit is described as a well-bedded silt unit with some clay, and local lenses of sand. Unconsolidated deposits in the vicinity are expected to have a thickness of approximately 50 feet.

The Chicago area lies within the broad, sloping arch of Paleozoic bedrock called the Kankakee Arch (Willman 1971). The Kankakee arch separates two broad depressions, the Illinois basin to the southwest and the Michigan basin to the northeast. The Kankakee arch dictates the bedrock dip in the Chicago area gently to the east in the direction of Lake Michigan.

The regional bedrock stratigraphy consists of dolomite, limestone, shale, and sandstone and varies between 3,300 and 5,400 feet in thickness (Willman 1971). In general, the top of the bedrock sequence consists of Silurian dolomite of the Niagaran series ranging in thickness from approximately 50 to 500 feet (Willman 1971). The dolomites and limestones of the Niagaran series contain significant numbers of fractures and solution features.

1.6 HYDROGEOLOGICAL INFORMATION REVIEW

The shallow aquifers in the Chicago area are described as being limited to sand and gravel horizons in unconsolidated soil and fractured bedrock (Willman 1971). In the Chicago area, bedrock aquifers are found within Silurian, Ordovician and Cambrian formations, which are generally greater than 50 feet below ground surface (bgs) (Visocky et al. 1985). Precipitation and surface seepage recharge shallow groundwater aquifers in the Chicago area. The unconsolidated materials in the area of the Site consist primarily of silt and clay with isolated lenses of sand and are not considered aquifers (Lineback 1979). The typical range of hydraulic conductivities for silt is 1×10^{-6} to 1×10^{-4} centimeters per second (cm/sec) and for clay is 1×10^{-9} to 1×10^{-6} cm/sec (Fetter 1994).

A number of historic wells were identified within a one-mile radius of the Site. However, groundwater is not used as a potable water source within one (1) mile of the Site [Environmental Data Resources (EDR) 2003]. Appendix C contains the EDR Radius Map with GeoCheck® that was prepared for the Site. The City of Chicago obtains its municipal water supply from Lake Michigan. Upon reviewing a record well search, no wells were located within a 1,000-foot radius of the Site. In addition, no drinking water supply wells were observed during a drive around reconnaissance of the Site and surrounding area that was conducted in October 2002 by Burns & McDonnell. Figure 4 presents the surrounding area well location map.

The North Branch of the Chicago River is the closest major surface water body, located along the western edge of the Site. Natural surface water runoff is primarily controlled by multiple storm sewer inlets located around the Site which direct most of the surface water into the City of Chicago's combined sewer system. However, surface water not captured by the sewer system is primarily directed toward the west of the Site toward the river. The North Branch flows southeast along the western site boundary and enters the Chicago Ship and Sanitary Canal approximately five (5) miles downstream from the Site.

A review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM 2000) provided by EDR (2003), National Wetland Inventory (NWI) map (1988), and Cook County FSA Wetland Inventory Map (1988) indicated that the Site is not within the limits of a 100-year or 500-year floodplain, and is not within or adjacent to a wetland.

1.7 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 directions are common. Annual mean weather conditions are as follows:

Precipitation	37.2 inches
Temperature	51.8 degrees Fahrenheit (°F)
Last Spring Freeze	April 9
First Fall Freeze	Oct. 28

Average temperatures are warmest during the month of July at 75.4 °F and coolest during the month of January at 24.7 °F. 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 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 (mph).

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2.0 SITE SPECIFIC SAMPLING PLAN

SI field activities were performed in accordance with the work plan (Burns & McDonnell 2002) in February and March 2002. In general, field activities were completed as outlined in the work plan, except where field conditions warranted changes (e.g. boring/sample location(s) added, boring/sample location(s) moved due to field constraints, etc.). Appendix D contains photographs documenting field activities.

2.1 SOIL PROBE AND BORING SAMPLING PROCEDURES

A total of eighteen (18) soil probes and twenty-one (21) soil borings were advanced at various locations at the Site. Figure 5 presents the soil probe and boring sample location map. Surface and subsurface soil samples were collected from soil probe and boring locations using direct push sampling equipment and hollow stem augering equipment. Probe locations were continuously sampled using 4-foot long, 2-inch diameter macro sampler tubes with acetate liners. Two-foot long, 2-inch diameter split spoon samplers were used to collect continuous samples from the soil borings. Each sample interval was field screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID), and select samples were collected for laboratory analyses. Soil cuttings generated during sampling activities were collected in a roll-off box and disposed offsite.

A stainless steel knife was used to facilitate sample collection from acetate liners and split spoons. Surface vegetation and/or carryover material from previous sampling intervals was removed before sampling. Soil samples were picked up at the Site by the analytical laboratory for transport to the laboratory. Soil samples to be analyzed for target compound list (TCL) VOCs were collected immediately after sample retrieval in accordance with SW-846 Method 5035 following EnCore™ sampling procedures. The EnCore™ sampling procedures were as follows:

- Remove EnCore™ sampler and cap from its re-sealable pouch and attach T-handle to sampler body.
- Using the T-handle for leverage, push the sampler into a freshly exposed surface of soil until the sampler is full.
- Brush any soil off the sampler head and securely attach the sampler cap by pushing with a twisting motion.
- Complete the sample label and attach to the sampler body.
- Place labeled sampler in its re-sealable pouch and seal the pouch.

Soil samples to be analyzed for TCL semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), priority pollutant metals, barium and total cyanide were collected after collecting VOC samples. Soil was taken directly from the acetate liner or the split-spoon sampler and placed in a clean disposable aluminum mixing bowl. Soil was then mixed to homogenize it and placed in sampling jars. Jar lids were secured. All soil samples were labeled and designated with a unique identifier, placed in a

cooler packed with ice and received by the subcontracted laboratory under proper chain-of-custody procedures.

Visual observations of soil type and condition were recorded on drilling log forms. Field classification included observed moisture (if any), soil color, soil texture, PID readings and any impacts to the soil including signs of tar, if observed. Appendix E presents soil log forms, which summarize these findings. Soil probe and boring holes were backfilled to ground surface with bentonite chips.

2.2 SURFACE SOIL INVESTIGATION

Seventeen (17) surface soil samples were collected from soil probes and eighteen (18) surface soil samples were collected from soil borings to characterize surface soil quality at the Site. Surface soils were visually characterized and scanned for VOCs using a PID. Odors encountered were also noted. Appendix E presents soil logs that summarize these observations. The following subsections describe sampling locations, depths and chemical and physical analyses performed on surface soil samples.

2.2.1 Surface Soil Sample Locations and Depths

Surface soil samples were collected from varying depths within the upper 3 feet of the soil horizon. Generally, surface soil samples were collected from 0 to 0.5 foot, 1 to 2 feet or 2 to 3 feet bgs. Figure 5 presents soil probe and boring locations.

2.2.2 Chemical Analyses

Table 1 presents the analyses performed on each surface soil sample. Initially, surface soil samples were analyzed for the following parameters:

- TCL VOCs;
- TCL SVOCs;
- PCBs;
- Priority pollutant metals: antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium and zinc;
- Barium; and
- Total cyanide.

After review of the analytical data, additional analyses were performed. Two (2) surface soil samples (SP10-001 and SB22-001) located within former MGP structures were analyzed for total petroleum hydrocarbons (TPH). In addition, one (1) surface sample (SP35-001) was analyzed for toxicity characteristic leaching procedure (TCLP) lead and synthetic precipitate leaching procedure (SPLP) lead.

2.2.3 Physical Testing

Physical laboratory tests were performed on soil samples SP08-001, SP10-001, SB31-001, SP34-001, SP35-001 and SP37-001. The surface soil samples were tested for soil pH.

2.3 SUBSURFACE SOIL INVESTIGATION

Twenty-nine (29) subsurface soil samples were collected from soil probes and twenty-five (25) subsurface soil samples were collected from soil borings. Subsurface soils were visually characterized and scanned for VOCs using a PID. Odors encountered were also noted. Appendix E presents soil logs that summarize these observations. Three (3) subsurface soil samples were analyzed as potential source material based upon visual observations. The following subsections describe sampling locations, depths and chemical and physical analyses performed on subsurface soil samples.

2.3.1 Subsurface Soil Sample Locations and Depths

Subsurface soil samples were collected from probe and boring locations at varying depths from 3 feet bgs to 17 feet bgs. Figure 5 presents soil probe and boring sample locations.

2.3.2 Chemical Analyses

Table 2 presents the analyses performed on each subsurface sample. In general, subsurface soil samples were analyzed for TCL VOCs, TCL SVOCs, PCBs, priority pollutant metals, barium and total cyanide. Three (3) samples (SP06-003, SB23-003 and SP43-002) were analyzed for the following additional source material parameters:

- TCLP Resource Conservation and Recovery Act (RCRA) metals;
- Reactive cyanide;
- Reactive sulfide;
- Flashpoint;
- BTU; and
- Soil pH.

After review of the analytical results, additional analyses were performed. Six (6) subsurface soil samples (SB18B-002, SB21-002, SB23-003, SB24-002, SB26-001 and SB45-002) located within former MGP structures were analyzed for TPH. In addition, one (1) subsurface soil sample (SB04-001) was analyzed for TCLP chromium and SPLP chromium.

2.3.3 Physical Testing

Physical laboratory tests consisting of soil pH were performed on thirteen (13) subsurface soil samples.

In addition, Shelby tube samples were collected from soil borings advanced during the installation of temporary monitoring wells MW01 and MW05 at 18 to 20 feet bgs and analyzed for the following parameters:

- Hydraulic conductivity;
- Grain-size distribution;
- Specific gravity;
- Moisture content;

- Total organic content; and
- Soil pH.

2.4 GROUNDWATER INVESTIGATION

A total of five (5) 2-inch temporary monitoring wells were installed at the Site in February 2002. Figure 6 presents the monitoring well location map. Appendix F presents the well construction diagrams. Monitoring wells were installed with a truck-mounted hollow-stem auger rig with 4-1/4-inch (inside diameter) augers and were constructed of 2-inch diameter polyvinyl chloride (PVC) screen and riser materials. In general, the annulus around each screen was backfilled with sand filter pack to 2 feet above the top of the screened interval and then sealed with a hydrated bentonite pellet seal. The monitoring wells were developed using a decontaminated, submersible pump. All five (5) monitoring wells were removed and sealed on March 1, 2002. Appendix G presents well abandonment forms.

2.4.1 Field Measurements

Static water level was measured in each monitoring well using a hand held electric water level indicator marked in increments of 0.05 foot, with measurements recorded to the nearest 0.01 foot. All water levels were collected from an established survey point marked on each monitoring well casing. Table 3 presents the groundwater elevation measurements.

2.4.2 Groundwater Sampling Procedures

A peristaltic pump with polyethylene tubing was used to collect groundwater samples from three (3) of the five (5) monitoring wells. The remaining two (2) monitoring wells (MW03 and MW04) produced an insufficient volume of water for sampling. The tubing was slowly lowered into the monitoring well, the pump was turned on and a volume of groundwater was withdrawn from the well to remove standing water from the tubing and allow flow of formation water to begin. A volume of two (2) quarts to two (2) gallons of water was removed from each well, depending on the water elevation and total depth of each well. Water was collected from the tubing directly into sample containers. New tubing was used in each monitoring well.

All groundwater samples were designated with a unique identifier and were placed in a cooler, packed with ice and picked up at the Site by the subcontracted laboratory under proper chain-of-custody procedures.

2.4.3 Chemical Analyses

Table 4 presents the analyses performed on each groundwater sample. Groundwater samples were collected from three (3) of the five (5) temporary monitoring wells. The groundwater samples were analyzed for the following parameters:

- TCL VOCs;
- TCL SVOCs;
- PCBs;

- Priority pollutant metals: antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium and zinc;
- Barium;
- Total cyanide; and
- pH.

* * * * *

3.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section presents field observations made during SI field activities including surface and subsurface soil sampling, installation and removal of temporary groundwater monitoring wells and groundwater sampling activities. A summary of the results of chemical analyses performed on samples collected during SI activities is presented.

3.1 SITE GEOLOGY

During the SI, forty-two (42) soil probes and borings were advanced at the Site. Site geology was characterized during advancement of these soil probes and borings and recorded on drilling logs. Appendix E presents the soil logs. The unconsolidated materials identified at the site consist of silty clay overlain by fill material. No bedrock was encountered during the SI. The following subsections describe the unconsolidated material encountered.

Two (2) geological cross-sections showing subsurface soils encountered at the Site were prepared from soil probe and boring logs: one trending west to east across the width of the Site (A-A') and one trending north to south across the length of the Site (B-B') as shown on Figure 7. Figures 8 and 9 present the geological cross-sections.

To assist in characterizing the Site, two Shelby tubes were collected for geotechnical testing during SI field activities. The Shelby tubes were collected from MW01 and MW05 at 18 to 20 feet bgs to determine properties of the native soil at the Site. Appendix H presents the results of the geotechnical testing. Table 5 presents the physical soil results.

3.1.1 Fill Unit

The uppermost soil unit at the Site consists of 2 to 16 feet of previously disturbed fill material. The fill consisted primarily of clay, silty clay, silty sand, sand and gravel with smaller amounts of sandy clay, crushed brick, concrete, wood fragments, cinders, coal and glass fragments. Fill material was generally encountered to a depth of 2 and 6 feet bgs. Fill was encountered from 6 feet bgs within the area of the former 17,000,000-ft^3 gas holder to a maximum depth of 16 feet bgs.

3.1.2 Clay Unit

Underlying the fill unit is a native brown to gray silty clay unit with some brown to orange mottling. The silty clay unit was encountered at depths ranging from 2 to 20 feet bgs, the maximum depth of soil probes and borings. The unit contains a trace of some sand and a trace of some gravel. Discontinuous lenses of gravel, sand, silty sand or sandy silt were encountered in a few of the borings at various depths within this unit. The relative moisture of the silty clay was generally moist, but varied from dry to saturated. The relative consistency of the unit was variable, ranging from soft to very stiff, and appeared to decrease with depth. This unit was classified as lean clay (CL) according to the Unified Soil Classification System and was described as a brown silty clay, some/little coarse to fine sand, and trace fine gravel based on the

grain size analyses of soil samples MW01-001 and MW05-001. In addition, the hydraulic conductivities for these samples were 5.37 x 10^{-9} cm/sec and 2.43 x 10^{-9} cm/sec, respectively. These hydraulic conductivity rates are within parameters for typical clay (Fetter 1994). Table 5 presents the physical soil results and Appendix H contains the geophysical laboratory reports**.**

3.2 SITE HYDROGEOLOGY

During SI field activities, water was encountered in twenty-five (25) soil probe and boring locations. The depth to water throughout the Site varied from 3 to 16 feet bgs. Water was most often encountered in the silty clay and depth to water varied from 7.5 to 16 feet bgs. Water was encountered within fill in seven (7) of the soil probe or boring locations, all located within the former 17,000,000-ft^3 gas holder, at depths of 3 to 6 feet bgs. Water was encountered in silty sand or sand at depths from 4 and 5 feet bgs in three (3) probes outside the former 17,000,000-ft^3 gas holder. Current or former structures and roads are believed to have an effect on the overall hydrogeology of the Site.

A total of five (5) monitoring wells were installed at the Site in the native silty clay unit. Depth to water in the wells ranged from approximately 3.5 feet bgs to 14.6 feet bgs. Two (2) monitoring wells (MW03 and MW04) on the south portion of the Site produced insufficient water volume for sampling. Table 3 presents the monitoring well groundwater elevations.

The Site is currently used as a laydown area for unprepared steel, which allows for runoff and erosion to both the North Branch of the Chicago River and to the storm sewers on Kingsbury Street. In addition, the laydown area allows water from precipitation to collect between the piles of unprepared steel. Recharge of the fill and silty clay units is expected to occur locally and is presumed to be dependent on precipitation. Groundwater encountered at the Site is believed to be perched water, with limited groundwater in the native silty clay unit. As noted above, two of five wells installed in the silty clay had failed to recharge sufficiently for groundwater sampling two weeks after installation. The porous characteristic of the upper fill unit allows for adequate infiltration of water that then remains perched above the silty clay unit, which acts as an aquitard above the Silurian dolomite bedrock unit.

The water-bearing unit at the Site does not meet the definition of a Class I aquifer as defined in 35 IAC, Subtitle F, Chapter I, Part 620 – Groundwater Quality, Section 210 (1997). Depth to groundwater in the native silty clay ranges from approximately 3.5 to 14.6 feet bgs; however, the additional conditions required for Class I groundwater are not met by the silty clay. The Site is not located within the minimum setback zone of a potable water supply well and has a hydraulic conductivity between 5.37 x 10^{-9} and 2.43 x 10^{-9} cm/sec. Based on grain size distribution analyses performed on the silty clay soil samples, percent fines were 68.1 and 80 percent. Therefore, groundwater at the Site is considered to be Class II in accordance with the regulations.

3.3 AREAS OF IMPACT

During SI field activities, staining and odors were observed at sampling locations throughout the property. Staining was mainly observed within the top 8 feet, however staining was also noted as deep as 17 feet bgs in SP08, on the north portion of the Site. Odors were noted within the central and north areas of the former 17,000,000-ft^3 gas holder in the top 4 feet of material and in the center of the former 17,000,000-ft^3 gas holder from 4 to 17 feet bgs. Tar-saturated material was located at a depth of 12 to 16 feet bgs in SB23 (located in a former tar well) with PID readings ranging from 116 to 196 parts per million (ppm). Tar in voids or fractures, or a tar coating, was noted in several locations within the central and west areas of the former 17,000,000-ft^3 gas holder. Tar was observed in depths ranging from 3 feet bgs to 17 feet bgs, with PID readings from 2.0 ppm in SB45 (located inside of the former 420,000-ft^3 gas holder) to 239 ppm in SP10 (near the possible location of the west valve/weir box).

3.4 ANALYTICAL RESULTS

This section summarizes the analytical results from soil, potential source material and groundwater samples collected during SI activities at the Site. Information presented herein is based on field observations, chemical analyses and physical testing of samples.

STAT Analysis Corporation, (STAT) of Chicago, Illinois performed all primary analyses on soil samples, potential source material and groundwater samples. Analytical data was reduced and validated by the laboratory in accordance with Illinois SRP analytical data reduction and validation guidelines. Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the data was good. The document entitled *Comprehensive Site Investigation Sampling Data* (2005) contains a complete set of laboratory analytical result data sheets, data validation memoranda and summary tables for validated data.

3.4.1 Surface Soil Analytical Results

This section presents surface soil analytical results. All surface samples were collected between 0 and 3 feet bgs. Surface soil analytical results are presented in Table 6. A statistical summary of detected compounds/analytes in surface soils is presented in Table 7.

3.4.1.1 Surface Soil TCL VOCs

TCL VOCs were detected in twenty-seven (27) surface soil samples. The most frequently detected concentrations of VOCs were benzene, ethylbenzene, toluene, m,p-xylene and o-xylene (BTEX). Other TCL VOCs detected were acetone, 2-butanone, carbon disulfide, cis-1,2-dichloroethene, styrene, tetrachloroethene and trichloroethene.

3.4.1.2 Surface Soil TCL SVOCs

TCL SVOCs were detected in all thirty-five (35) surface soil samples. Polynuclear aromatic hydrocarbons (PAHs) were the most common of the TCL SVOCs detected in surface soils. The highest detected concentrations of PAHs, with the exception of naphthalene, were in SP10-001.

3.4.1.3 Surface Soil PCBs

PCBs were detected in twenty-seven (27) surface soil samples. Aroclor 1242 and aroclor 1254 were the only detected PCBs. The highest concentration of total PCBs was detected in surface soil sample SP40-001 with a concentration of 55.6 mg/kg.

3.4.1.4 Surface Soil Metals and Total Cyanide

Metals were detected in all thirty-five (35) surface samples. Total cyanide was detected in three (3) surface soil samples.

3.4.2 Subsurface Soil Analytical Results

This section presents the subsurface soil analytical results. Fifty-three (53) subsurface soil samples, including three (3) potential source material samples (SP06-003, SB23-003 and SP43-002) were collected at varying depths from 3 to 17 feet bgs. Subsurface soil sample analytical results are presented in Table 8. A statistical summary of detected compounds/analytes in subsurface soils is presented in Table 9.

3.4.2.1 Subsurface Soil TCL VOCs

TCL VOCs were detected in thirty-six (36) subsurface soil samples. The highest detected concentrations of VOCs were BTEX constituents. Other TCL VOCs detected were 2-butanone, carbon disulfide, chloroform and styrene.

3.4.2.2 Subsurface Soil TCL SVOCs

TCL SVOCs were detected in thirty-eight (38) subsurface soil samples. Among the TCL SVOCs detected in the subsurface soils, PAHs were the most common. The highest detected concentrations of PAHs were in subsurface soil sample SB23-003. SB23-003 was collected and analyzed for source material parameters.

3.4.2.3 Subsurface Soil PCBs

PCBs were detected in nine (9) subsurface soil samples. Aroclor 1242 and aroclor 1254 were the only detected PCBs. The highest concentration of total PCBs was detected in subsurface soil sample SB04-001 with a concentration of 9.7 mg/kg.

3.4.2.4 Subsurface Soil Metals and Total Cyanide

Metals were detected in all fifty (50) of the subsurface samples. In addition, total cyanide was detected in three (3) subsurface soil samples.

3.4.3 Physical Soil Testing Results

Since surface soil at the Site was comprised of fill, a soil sample representing native surface soil conditions was not collected for physical laboratory testing other than pH. Six (6) surface soil samples

were analyzed for soil pH. The surface soil pH ranged from 7.63 to 10.15. Thirteen (13) subsurface soil samples were analyzed for soil pH. The subsurface soil pH ranged from 7.6 to 9.99. Table 10 presents the pH results.

In addition, two (2) subsurface soil samples (MW01-001 and MW05-001) were collected and tested for moisture content, specific gravity (hydrometer), organic carbon content, pH, grain size and hydraulic conductivity (permeability). Table 5 presents the physical soil results, which are contained in Appendix H.

3.4.4 Potential Source Material Analytical Results

Three (3) subsurface soil samples (SP06-003, SB23-003 and SP43-002) were selected as potential source material samples based on field observations. These samples were selected based on visual observation of tar impact and odors. In addition, eight (8) soil samples located within former MGP structures were analyzed for TPH. TPH concentrations ranged from 3,840 mg/kg in SB21-002 to 104,100 mg/kg in SB23-003. Potential source material analytical results are presented in Table 11. Table 12 presents the TPH analytical results. The source material evaluation is presented in Section 4.0.

3.4.5 Groundwater Analytical Results

This section presents groundwater analytical results. A groundwater sample was collected from each of the three (3) temporary groundwater monitoring wells. Analytical results are presented in Table 13. A summary of detected compounds/analytes is presented in Table 14.

3.4.5.1 Groundwater TCL VOCs

TCL VOCs were detected in two (2) groundwater samples submitted for analysis. The TCL VOCs detected included benzene, m,p-xylene, o-xylene and acetone.

3.4.5.2 Groundwater TCL SVOCs

TCL SVOCs were detected in three (3) groundwater samples. PAHs were the only detected SVOCs, including acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perlyene, benzo(k)fluoranthene, fluorene, naphthalene, phenanthrene and pyrene.

3.4.5.3 Groundwater PCBs

No PCB constituents were detected in any of the groundwater samples.

3.4.5.4 Groundwater Metals and Total Cyanide

Metals were detected in all three (3) groundwater samples. The following metals were detected in the samples: arsenic, barium, beryllium, chromium, copper, lead, mercury, nickel, thallium and zinc. In

addition, total cyanide was detected in one (1) groundwater sample.

* * * * *

4.0 SOURCE MATERIAL EVALUATION

This section evaluates whether source material exists in accordance with criteria in the TACO (35 IAC Part 742) regulations. TACO requires the following general criteria to be met to demonstrate the absence of source material at a site:

- The sum of the concentrations of all organic contaminants of concern or the TPH concentration shall not exceed the attenuation capacity of the soil as determined under Section 742.215;
- The concentrations of any contaminants of concern remaining in the soil shall not exceed the soil saturation limit as determined under Section 742.220;
- The concentrations of any PCBs in the soil shall not exceed 50 mg/kg;
- Any soil which contains contaminants of concern shall not exhibit any of the characteristics of reactivity for hazardous waste or exhibit a pH less than 2.0 or greater than 12.5; and
- Any soil that contains contaminants of concern in the following list of inorganic chemicals and their salts shall not exhibit the characteristics of toxicity for hazardous waste for arsenic, barium, cadmium, chromium, lead, mercury, selenium or silver as defined under 35 IAC Part 721.124.

The soil attenuation capacity is equivalent to the natural organic carbon fraction (f_{oc}) of the soil. The f_{oc} of the soil may be determined on a site-specific basis or TACO default values of 6,000 mg/kg and 2,000 mg/kg may be used for surface (0 to 3 feet bgs) and subsurface (greater than 3 feet bgs) soil, respectively. Since site-specific f_{oc} data was limited, the TACO default values were used to screen the soil analytical data. Eight (8) soil samples were analyzed for TPH. TPH results were compared to the relevant f_{oc} value. Each of the soil samples analyzed for TPH exceeded the soil attenuation capacity. Table 15 presents the TPH evaluation.

In addition, all organic compound concentrations for each soil sample were summed and compared to the applicable TACO default values for f_{oc}. If a constituent was not detected in a given soil sample, the method detection limit was conservatively used as the constituent concentration for the sample. Four (4) subsurface soil samples (SB18B-002, SB23-003, SB24-002 and SB26-001) exceeded the TACO soil attenuation capacity of 2,000 mg/kg. Tables 16 and 17 present the TACO soil attenuation capacity calculations for surface soil and subsurface soil, respectively.

The soil saturation limit (C_{sat}) for each organic compound that has a melting point below 30 degrees Celsius (°C) was compared to corresponding concentrations in soil samples. The C_{sat} was not exceeded for any surface or subsurface sample. Tables 16 and 17 present the soil saturation limits screening for surface soil and subsurface soil, respectively.

PCB concentrations in soil sample SP40-001 exceeded the PCB source criteria of 50 mg/kg, with a total concentration of 55.6 mg/kg. Tables 16 and 17 present the total PCB concentration comparison for surface soil and subsurface soil, respectively.

It was determined from real-time air monitoring and visual observation that the material sampled at the Site was not unstable or explosive, did not generate toxic gases and did not respond violently with water. Table 18 presents reactive cyanide, reactive sulfide and flashpoint results. Sample SB23-003 failed the flashpoint limit of 140 °F with a flashpoint of 108 °F.

Table 10 presents the soil pH results in the samples. Sample pH ranged from 7.28 to 10.2; therefore, none of the samples exhibit the pH characteristics of source material or hazardous waste.

TCLP analysis was performed on RCRA metals. Results were compared to concentrations that exhibit the characteristics of toxic hazardous waste. Maximum concentration levels were not exceeded in any samples. Table 19 presents the toxicity characteristic evaluation.

Source material was identified at the Site based on visual observations and analytical results. The following source material areas were identified:

- The former tar wells;
- The former 100,000-ft^3 gas holder;
- The former 420,000-ft^3 gas holder;
- The center of the former 17,000,000-ft^3 gas holder, north of the former tar wells;
- The vicinity of the possible location of the west valve/weir box; and
- A shallow, PCB surface soil area located on the southwestern portion of the Site, which has been subsequently remediated (see Section 5.4 below).

Figure 10 presents the source areas identified during the SI, based on visual observations and analytical data.

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5.0 ENDANGERMENT ASSESSMENT

5.1 CURRENT AND FUTURE USE OF SITE AND SURROUNDING AREAS

Zoning at the Site is planned manufacturing district (PMD) and commercial planned development (CPD) (City of Chicago 2002). Figure 11 presents the zoning map for the Site and the surrounding properties. The northern and southern portions of the Site are zoned for a PMD/CPD. Land use in the area is commercial and industrial. At present, the Site is surrounded by CPD/restricted commercial planned district zoning to the south; the North Branch of the Chicago River to the west; PMD/business planned development to the east; and PMD to the north. The Site is currently used as a laydown area for unprepared steel and is unpaved. A chain-link fence exists along Kingsbury Street at the Site. The PMD allows certain recreational uses, as well as commercial and industrial uses. Future use of the Site and surrounding property is uncertain based on trends of development in the area.

5.2 IDENTIFICATION AND TIER 1 EVALUATION OF EXPOSURE ROUTES

The Illinois EPA developed a three-tiered procedure for evaluating data and developing the Site remediation objectives based on risks to human health and future use. The first tier evaluation, referred to as Tier 1, compares constituent concentrations detected at the Site to established screening levels that are based on conservative assumptions and have no site-specific information factored into their development. This section presents a Tier 1 evaluation of all analytical data results in accordance with TACO for an industrial/commercial property.

Both soil and groundwater data were evaluated. Soil data was screened against three separate exposure routes: soil ingestion, soil inhalation and soil migration to groundwater (also referred to as the soil component of the groundwater ingestion exposure route). Groundwater data from the Site was compared to Tier 1 screening levels for the groundwater component of the groundwater ingestion exposure route.

Constituent concentrations in Site soil were evaluated using the Tier 1 screening levels pertaining to industrial/commercial properties for the soil ingestion and inhalation exposure routes. Ingestion and inhalation via the construction worker were also evaluated. Since groundwater at the Site has been established as a Class II aquifer, constituent concentrations in soil and groundwater were evaluated using the Tier 1 screening levels for Class II groundwater for both the soil and groundwater components of the groundwater ingestion pathway.

Nine (9) soil samples (SP10-001, SB18B-002, SB21-002, SB22-001, SB23-003, SB24-002, SB26-001, SP40-001, and SB45-002) met the regulatory definition of source material as described in Section 4.0. Soil samples identified as source material were not included in the Tier 1 screening.

5.2.1 Soil Ingestion Exposure Route

The following subsections evaluate the soil ingestion exposure route for an industrial/commercial worker and construction worker.

5.2.1.1 Industrial/Commercial Worker

The Tier 1 soil ingestion exposure route was evaluated for the industrial/commercial worker with surface soil samples collected between 0 and 3 feet bgs. Table 20 presents the surface soil data compared to industrial/commercial Tier 1 screening levels for the soil ingestion exposure route.

Of the thirty-four (34) samples collected between 0 and 3 feet bgs, none of the samples exceeded the Tier 1 industrial/commercial worker screening levels for TCL VOCs or total cyanide. All TCL SVOC exceedences were PAHs. The benzo(a)pyrene screening level of 0.8 mg/kg was exceeded in nineteen (19) samples at detected concentrations ranging from 0.91 mg/kg in SB31-001 to 5.1 mg/kg in SB25-001. Six (6) samples exceeded the 0.8 mg/kg screening level for dibenzo(a,h)anthracene with concentrations ranging from 0.81 mg/kg in SP02-001 to 1.8 mg/kg in SB33-001.

The total PCBs screening level of 1.0 mg/kg was exceeded in twenty (20) samples with concentrations ranging from 1.004 mg/kg in SB15-001 to 15.014 mg/kg in SP35-001.

Arsenic and lead were the only priority pollutant metals detected at concentrations exceeding their industrial/commercial worker soil ingestion screening levels. An arsenic exceedence occurred in one (1) sample, SP35-001, with a concentration of 20 mg/kg. Lead exceedences of the Tier 1 screening level of 400 mg/kg occurred in two (2) samples with concentrations of 450 mg/kg in SP06-001 and 1,400 mg/kg in SP35-001.

5.2.1.2 Construction Worker

The Tier 1 soil ingestion exposure route was evaluated for the construction worker with soil samples collected between 0 and 10 feet bgs. Table 21 presents the soil data compared to construction worker Tier 1 screening levels for the soil ingestion exposure route.

Of the sixty-four (64) relevant samples screened, none of the samples exceeded the Tier 1 construction worker screening levels for TCL VOCs, TCL SVOCs and total cyanide. Twenty-three (23) samples exceeded the 1.0 mg/kg screening level for total PCBs with concentrations ranging from 1.04 mg/kg in SB15-001 to 15.0 mg/kg in SB35-001.

Lead was the only metal to exceed the Tier 1 screening level of 400 mg/kg in two (2) samples with concentrations ranging from 450 mg/kg in SP06-001 to 1,400 mg/kg in SB35-001.

5.2.2 Soil Inhalation Exposure Route

The following subsections evaluate the soil inhalation exposure route for an industrial/commercial worker and construction worker.

5.2.2.1 Industrial/Commercial Worker

The Tier 1 inhalation exposure route was evaluated for the industrial/commercial worker with soil samples collected between 0 and 10 feet bgs. Table 22 presents the soil data compared against industrial/commercial Tier 1 screening levels for the soil inhalation exposure route.

Of the sixty-four (64) relevant samples screened, two (2) samples exceeded the Tier 1 industrial/commercial worker screening levels for TCL VOCs. The benzene screening level of 1.6 mg/kg was exceeded in SP10-002 and SB32-001 at concentrations of 3.6 mg/kg and 5.2 mg/kg, respectively. No soil samples screened exceeded screening levels pertaining to TCL SVOCs.

Chromium was the only metal to exceed Tier 1 soil inhalation screening levels. One (1) sample (SB04-001) contained 570 mg/kg of chromium, exceeding the 420 mg/kg screening level.

5.2.2.2 Construction Worker

The Tier 1 inhalation exposure route was evaluated for the construction worker with soil samples collected between 0 and 10 feet bgs. Table 23 presents the soil data compared to construction worker Tier 1 screening levels for the soil inhalation exposure route.

Of the sixty-four (64) relevant samples screened, two (2) samples exceeded the Tier 1 construction worker screening levels for at least one (1) TCL VOC. The benzene screening level of 2.2 mg/kg was exceeded in two (2) samples with concentrations of 3.6 mg/kg in SP10-002 and 5.2 mg/kg in SB32-001. The only SVOC that was detected above Tier 1 construction worker screening levels was naphthalene. The naphthalene screening level of 1.8 mg/kg was exceeded in twelve (12) samples with concentrations ranging from 2.0 mg/kg in SB38-001 to 28 mg/kg in SB25-002. None of the samples exceeded screening levels for metals or total cyanide.

5.2.3 Soil Migration to Groundwater Exposure Route

The Tier 1 soil migration to groundwater exposure route was conservatively evaluated using all soil samples. Section 3.2 presents the rationale for the Class II groundwater determination. Measured values for soil pH tested in non-impacted soil samples ranged from 7.52 at SP03-002 to 8.82 at SP16-002, and were used to determine the pH-specific screening levels used for the screening of several SVOCs (2-chlorophenol, 2,4-dichlorophenol, pentachlorophenol, 2,4,5-trichlorophenol and 2,4,6-trichlorophenol) and total inorganic chemical concentrations. Screening levels for total concentrations of several SVOCs and inorganic chemicals are based on Table C, Appendix B of TACO, which lists screening levels for inorganic chemicals in soil with a pH range of 4.5 to 9.0. The pH-specific soil migration to Class I groundwater screening level was used to evaluate silver because TACO has not established a Class II value for this constituent. Table 24 presents the results for samples compared to the Tier 1 screening levels for the soil migration to groundwater exposure route.

Of the seventy-nine (79) relevant samples screened, the benzene screening level of 0.17 mg/kg was exceeded in eight (8) samples with concentrations ranging from 0.19 mg/kg in SB09-001 to 5.2 mg/kg in SB32-001. The carbazole screening level of 2.8 mg/kg was exceeded in five (5) samples with concentrations ranging from 2.9 mg/kg in SP03-001 to 4.1 mg/kg in SB24-001. Three (3) samples exceeded the 18 mg/kg screening level for naphthalene, with concentrations ranging from 27 mg/kg in SP06-002 and SP10-002 to 28 mg/kg in SB25-002. In addition, the benzo(a)anthracene screening level of 8 mg/kg was exceeded at a concentration of 14 mg/kg in SB25-002. Selenium exceeded the 1.3 mg/kg screening level in sample SP07-001 at a concentration of 2.8 mg/kg.

SPLP chromium analysis was conducted on SB04-001, which contained a high chromium concentration of 570 mg/kg, to evaluate the potential chromium soil migration to groundwater. SPLP chromium was not detected. In addition, TCLP chromium analysis was conducted on soil samples SB04-001, SP06-003, SB23-003 and SP35-001 and was detected below the standard of 5.0 mg/l in all four (4) samples. TCLP chromium was detected in only one (1) sample, SB04-001, at a concentration of 0.062 mg/l. Since both SPLP and TCLP chromium results are below associated screening levels, chromium is not of concern for the soil migration to groundwater exposure route.

SPLP lead analysis was conducted on SP35-001, which contained a high lead concentration of 1,400 mg/kg, to evaluate the potential lead soil migration to groundwater. SPLP lead was detected at a concentration of 0.02 mg/l, which is below the screening level of 0.1 mg/l. In addition, TCLP lead analysis was conducted on soil samples SP06-003, SB23-003, SP35-001, and SP43-002 and was detected below the standard of 5.0 mg/l in all four (4) samples. TCLP lead was detected in all four (4) samples concentrations ranging from 0.2 mg/l at SP06-003 to 0.37 mg/l at SP35-001. Since the SPLP lead results are below associated screening levels, lead is not of concern for the soil migration to groundwater exposure route.

5.2.4 Class II Groundwater Ingestion Exposure Route

The Tier 1 screening levels for the Class II groundwater ingestion exposure were compared to groundwater sample results. Table 25 presents the Tier 1 evaluation for the groundwater ingestion exposure route.

All three (3) groundwater samples screened were below the Tier 1 screening levels for PCBs and total cyanide. The benzene screening level of 0.025 mg/l was exceeded in one (1) sample at a detected concentration of 0.21 mg/l in MW01-001. The benzo(a)anthracene screening level of 0.00065 mg/l was exceeded in sample MW05-001 at a concentration of 0.00076 mg/l. Sample MW05-001 exceeded Tier 1 screening levels of 0.65 mg/l, 0.1 mg/l, and 0.02 mg/l for copper, lead and thallium at concentrations of 1.2 mg/l, 0.96 mg/l and 0.024 mg/l, respectively.

5.3 FATE AND TRANSPORT OF CONSTITUENTS OF CONCERN

This section presents a qualitative evaluation of potential chemical migration pathways and describes the environmental behavior of chemicals that exceeded Tier 1 screening levels. Factors that influence

chemical migration include location and extent of the source areas and the degree of concentration, physical integrity of source structures, geologic and hydrogeologic conditions and chemical and physical characteristics. This section, which is based on criteria discussed in the preceding sections, focuses on constituents that exceeded Tier 1 screening levels.

5.3.1 Potential Migration Pathways

The main migration pathway to the subsurface is through the fill material, which typically lies from 0 to 16 feet bgs. The highly permeable fill material consists of gravel and sand with smaller amounts of silt, clay and wood. A soft to very stiff brown to gray silty clay unit lies directly below the fill unit. This silty clay unit restricts downward migration of constituents due to the density and low permeability of the silty clay; however, some migration into the subsurface may occur through minimal fractures in the silty clay. Constituents migrating downward through the fill material may spread laterally upon reaching the silty clay interface due to the low permeability of the silty clay unit. During light to moderate precipitation events, infiltration of precipitation is likely to occur in the fill unit.

No underground utilities are known to exist on the Site. The closest underground utility is a storm sewer that lies along Kingsbury Street to the east of the Site. The stormwater sewer is a potential migration pathway. In addition, a potential migration pathway is via surface water to the North Branch of the Chicago River, which borders the western portion of the Site. Most of the Site is stockpiled with unprepared steel, which allows for significant runoff and erosion to both the North Branch of the Chicago River and the storm sewer, and allows for pooling of water between stockpiles.

5.3.2 Environmental Behavior of Chemicals of Interest

Chemicals of interest detected at the Site are grouped into five basic categories: VOCs, SVOCs, PCBs, priority pollutant metals and cyanide. The following subsections describe how chemical properties of the compounds affect the behavior and distribution of the compounds in the environment.

5.3.2.1 VOCs

The main VOCs of concern are BTEX. The discussion in this section will address VOC fate and transport primarily based on benzene data because BTEX compounds are similar in chemical and physical characteristics and more information is available concerning the fate and transport of benzene.

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. Because of these properties, the presence of benzene in water is expected and will be of greater interest than the presence of PAHs in water.

Advection is the most probable transport mechanism for benzene and other light aromatic compounds in the subsurface because most of the 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 (Walker 1975).

5.3.2.2 SVOCs

SVOCs consist of two (2) separate groups of compounds: phenols (also known as acid extractable compounds) and base/neutral compounds including the subclass PAHs. The SVOC compounds from these two groups that are included in the United States Environmental Protection Agency (USEPA) TCL were analyzed in each soil and water sample collected during the SI.

Phenols are aromatic alcohols, which have lower molecular weights, higher water solubilities, higher vapor pressures and lower soil affinity than PAHs. Phenol is the indicator compound used in the discussion of environmental behavior of phenols because all phenolic compounds have similar chemical and physical properties.

Although the vapor pressures of phenols are higher than those of PAHs, they are relatively low. Phenols have high solubilities, and, therefore, tend not to volatize from solution, especially at low concentrations. Advection is the primary transport mechanism of phenol because of its high water solubility. Phenol is, however, rapidly and virtually completely biodegraded in soils and waters under both aerobic and anaerobic conditions.

PAHs, a subset of SVOCs, are a class of organic compounds formed during incomplete combustion of organic material containing carbon and hydrogen (USEPA 1985). PAHs are multi-ringed aromatic hydrocarbons, which generally have the following characteristics (ATSDR 1995):

- Densities greater than water;
- Low solubility in water;
- Low vapor pressures and; therefore, low volatility;
- Generally, low Henry's Law constants;
- High partition coefficients, explaining affinity for organic matter; and
- Relatively low mobility.

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).

5.3.2.3 PCBs

PCBs are present in all environmental media and enter the atmosphere from volatilization from both soil and water surfaces. The most important mechanism for dispersion of PCBs is atmospheric transport.

PCBs present in soil tend to strongly adsorb to soil, especially for higher chlorinated congeners; therefore, PCBs are unlikely to migrate from soil to groundwater. Volatilization of PCBs from soil most likely is an important loss mechanism; especially for the lower chlorinated congeners than for the higher chlorinated congeners. Biodegradation of PCBs in the environment occurs slowly both under aerobic and anaerobic conditions and is considered a major degradation process for PCBs in both soil and sediment. Photolysis and base-catalyzed dechlorination are processes that remove PCBs in surface soil and sediment, but both processes do not contribute to significant removal (ATSDR 2000).

5.3.2.4 Metals

Metals in soils are expected to be less 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).

5.3.2.5 Cyanide

Cyanides are associated with spent oxides at MGP sites and generally exist in the environment as complex cyanide compounds. In water, cyanide occurs most commonly in the form of hydrogen cyanide, although, it can occur in ionic forms such as metallic cyanides. Volatilization and biodegradation are significant fate processes of hydrogen cyanide.

5.4 RECOGNIZED ENVIRONMENTAL CONDITIONS

Based on laboratory analytical results and field observations, source material (as defined under 35 IAC Part 742.305) was identified in nine (9) locations at the Site. Figure 10 presents the summary of findings map. Source material areas identified were as follows:

- The former tar wells;
- The former 100,000-ft^3 gas holder;
- The former 420,000-ft^3 gas holder;
- The center of the former 17,000,000-ft^3 gas holder, north of the former tar wells;
- The vicinity of the possible location of the west valve/weir box; and
- A shallow, PCB surface soil area located on the southwestern portion of the Site containing PCBs, which was subsequently remediated on behalf of the Site owner in April 2004 pursuant to the United States Environmental Protection Agency's self-implementing cleanup and disposal option under 40 CFR 761.61. Appendix I contains the *PCB Remediation Documentation Report* prepared by Free Flow Technologies, Ltd. (Free Flow Technologies 2004).

Although organic compounds and inorganic chemicals were observed at varying concentrations in soil samples obtained from the Site, the higher levels of these constituents of concern appear to be located within or near the areas of source material. Tier 1 exceedences pertaining to soil inhalation are generally limited to the source areas. In general, shallow soil samples collected across the Site contain levels of

PAHs that exceed Tier 1 screening levels pertaining to ingestion, but the concentrations generally decrease with depth.

* * * * *

6.0 CONCLUSIONS

The overall objective of the SI was to define the nature and extent of the impacted areas that have resulted from all historic and current activities. The objectives of the SI were met to the extent practicable given constraints of Site obstructions (i.e. piles of unprepared steel, debris, etc.) at the time of the investigation and access issues on the area located immediately north of the Site.

6.1 SUFFICIENCY OF DATA

The nature and extent of impacted areas have been defined, with the exception of the following areas that may require further investigation:

- The tar seal tanks located around the 17,000,000-ft^3 gas holder;
- The northeastern portion of the Site that included the former 10,000-gallon tar storage tank and former 2,000-gallon drip liquor tank;
- The western portion of the Site that includes the former 158,000-gallon tar tank, the former 70,000-gallon oil tank and the former 73,000-gallon oil tank; and
- The depth of the bottom of the former gas holders.

6.2 RECOMMENDATIONS FOR FURTHER INVESTIGATION

Based on the results of the SI, further investigation may be needed to better define some areas. However, additional investigation activities may be completed concurrently with remediation activities. The SI data results will be further evaluated based on current and future Site usage, in the forthcoming *Remediation Objectives Report/Remedial Action Plan*.

* * * * *

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TABLES
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

Table 1 Surface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB01-001	1-2	Fill	Target Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semivolatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), Priority Pollutant Metals, Barium and Total Cyanide.
SP02-001	2-3	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP03-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP05-001	2-3	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP06-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP07-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP08-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP10-001	0-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide, Total Petroleum Hydrocarbon (TPH) and pH.
SB10-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP11-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP13-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.

Table 1 (Continued) Surface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB14-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB15-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP16-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB17-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB18B-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB19-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB20-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB21-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB22-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and TPH.
SB23-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB24-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB25-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB28-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.

Table 1 (Continued) Surface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB31-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SB32-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB33-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP34-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP35-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Toxicity Characteristic Leaching Procedure (TCLP) Lead, Synthetic Precipitate Leaching Procedure (SPLP) Lead, Total Cyanide and pH.
SP37-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP39-001	1-2	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP40-001	2-3	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP43-001	2-3	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP44-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB45-001	0-0.5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.

Table 2 Subsurface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB01-002	8-10	Silty Clay	Target Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semivolatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP02-002	3-4	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP03-002	4-5	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SB04-001	5-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Toxicity Characteristic Leaching Procedure (TCLP) Chromium, Synthetic Precipitate Leaching Procedure (SPLP) Chromium and Total Cyanide.
SP05-002	9-10	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP06-002	3-4	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP06-003	8-10	Fill	TCL VOCs, TCL SVOCs, PCBs, Total Cyanide, pH, Reactive Cyanide and Sulfide, TCLP Resource Conservation & Recovery Act (RCRA) Metals and Flashpoint/BTU.
SP07-002	9-10	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP07-003	16-17	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP08-002	7-8	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB09-001	3-5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.

Table 2 (Continued) Subsurface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SP10-002	6-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP10-003	13-14	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP11-002	9-10	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP13-002	6-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP13-003	15-16	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB14-002	6-8	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB15-002	6-8	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB15-003	10-12	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP16-002	9-10	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP16-003	15-16	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB18B-002	5-7	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Petroleum Hydrocarbon (TPH) and Total Cyanide.

Table 2 (Continued) Subsurface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB21-002	5-7	Fill & Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, TPH and Total Cyanide.
SB22-002	8-10	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB23-003	14-16	Fill	TCL VOCs, TCL SVOCs, PCBs, pH, Reactive Cyanide and Sulfide, TCLP RCRA Metals, TPH and Flashpoint/BTU.
SB24-002	5-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, TPH and Total Cyanide.
SB25-002	3-5	Fill & Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB25-003	12-14	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB26-001	3-5	Fill & Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, TPH and Total Cyanide.
SB27-001	5-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB27-002	10-12	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB28-002	5-7	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB29-001	3-5	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB29-002	12-14	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.

Table 2 (Continued) Subsurface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SB31-002	6-8	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB32-002	3-5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SB33-002	5-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB33-003	10-12	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP34-002	5-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP35-002	6-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP35-003	12-13	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP37-002	8-9	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP37-003	12-13	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB38-001	5-7	Fill & Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP39-002	5-6	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP39-003	10-11	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.

Table 2 (Continued) Subsurface Soil Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion			
Sample Number	Sample Depth (feet below ground surface)	Sample Description	Analyses
SP40-002	7-8	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP40-003	14-15	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP43-002	3.5-4.5	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, pH, Reactive Cyanide and Sulfide, TCLP RCRA Metals and Flashpoint/BTU.
SP43-003	11-12	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SP44-002	6-7	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
SP44-003	12-13	Silty Clay	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium and Total Cyanide.
SB45-002	3-5	Fill	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, TPH and Total Cyanide.
MW01-001	18-20	Silty Clay	*Permeability, pH, Total Organic Carbon (TOC), Moisture Content, Grain size and Hydrometer.
MW05-001	18-20	Silty Clay	*Permeability, pH, TOC, Moisture Content, Grain size and Hydrometer.

NOTE:
1) *Sample tested for geotechnical/physical properties only – No chemical analyses.

Table 3 Groundwater Elevations The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion				
Monitoring Well Number	Date Sampled	Relative Well Elevation (feet)	Depth to Water bgs(1) (feet)	Relative Groundwater Elevation (feet)
MW01	2/21/02	96.98	3.52	93.46
MW02	2/21/02	100.17	6.01	94.16
MW03	NA	95.82	NA	NA
MW04	NA	100.01	NA	NA
MW05	2/21/02	103.45	14.67	88.78

NOTES:
(1) bgs – Below ground surface.
(2) NA – Insufficient volume of water in well to develop and sample after several days.

Table 4 Groundwater Samples Collected for Chemical Analysis The Former Willow Street Station Manufactured Gas Plant Site, 1640 North Kingsbury Portion	
Sample Number	Analyses
MW01-001	Target Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semivolatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), Priority Pollutant Metals, Barium, Total Cyanide and pH.
MW02-001	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.
MW05-001	TCL VOCs, TCL SVOCs, PCBs, Priority Pollutant Metals, Barium, Total Cyanide and pH.

Table 5
Physical Soil Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

	Sample Location and Depth (feet below ground surface)	
	MW01-001 18-20	MW05-001 18-20
Specific Gravity	2.57	2.69
Organic Carbon Content	3.94%	2.27%
Moisture Content	27.43%	21.16%
Hydraulic Conductivity (cm/sec)	5.37E-09	2.43E-09

NOTES:
(1) Hydraulic Conductivity - ASTM D5084.
(2) Organic Matter - ASTM 2974-87C.
(3) Moisture Content - ASTM-2216.
(4) cm/sec - centimeters per second.

Table 6
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Volatiles (mg/kg)					
Acetone	0.099	0.17	0.051	0.067	0.073
Benzene	0.0097 U	0.055	0.0072 U	0.015	0.079
Bromodichloromethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromoform	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromomethane	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
2-Butanone	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Carbon Disulfide	0.0097 U	0.023	0.0072 U	0.012 U	0.013 U
Carbon Tetrachloride	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chlorobenzene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloroethane	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Chloroform	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloromethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Dibromochloromethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloroethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloropropane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Ethylbenzene	0.0097 U	0.044	0.0072 U	0.012 U	0.15
2-Hexanone	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
4-Methyl-2-Pentanone	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Methylene Chloride	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Styrene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Tetrachloroethene	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Toluene	0.0097 U	0.036	0.0072 U	0.012 U	0.041
1,1,1-Trichloroethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2-Trichloroethane	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Trichloroethene	0.0097 U	0.021	0.0072 U	0.012 U	0.013 U
Vinyl Chloride	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
m,p-Xylene	0.0097 U	0.028	0.0072 U	0.012 U	0.11
o-Xylene	0.0097 U	0.025	0.0096	0.012 U	0.12

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-chloroethyl)ether	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-ethylhexyl)phthalate	0.37 U	0.37 U	0.49	0.38 U	0.38 U
4-Bromophenyl phenyl ether	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Butyl benzyl phthalate	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Carbazole	0.37 U	0.52	2.9	0.67	2.2
4-Chloro-3-methylphenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chloronaphthalene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chlorophenyl phenyl ether	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dibenzofuran	0.37 U	0.37 U	0.36 U	0.38 U	0.4
1,2-Dichlorobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,3-Dichlorobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,4-Dichlorobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
3,3´-Dichlorobenzidine	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4-Dichlorophenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Diethyl phthalate	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dimethyl phthalate	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-butyl phthalate	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4-Dimethylphenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4,6-Dinitro-2-methylphenol	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrophenol	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrotoluene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,6-Dinitrotoluene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-octyl phthalate	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobutadiene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorocyclopentadiene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachloroethane	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Isophorone	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	0.37 U	0.85	0.57	0.54	2.7
2-Methylphenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Methylphenol	0.37 U	0.56	0.36 U	0.38 U	0.38 U
2-Nitroaniline	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
3-Nitroaniline	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitroaniline	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Nitrobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Nitrophenol	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitrophenol	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
N-Nitrosodiphenylamine	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.016 U	0.015 U	0.016 U	0.016 U
Pentachlorophenol	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Phenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,2,4-Trichlorobenzene	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4,5-Trichlorophenol	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4,6-Trichlorophenol	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
PAHs (mg/kg)					
Acenaphthene	0.037	0.45	0.69	0.84	1.4
Acenaphthylene	0.032	1.2	0.32	1.3	0.59
Anthracene	0.27	1.5	0.75	1.1	1.7
Benzo(a)anthracene	0.34	3.5	2.5	3	3.3
Benzo(b)fluoranthene	0.44	2.2	1.8	1.9	2
Benzo(k)fluoranthene	0.44	2.7	1.6	2.5	2.4
Benzo(g,h,i)perylene	0.31	2	0.94	1.2	1.4
Benzo(a)pyrene	0.32	3.1	2.3	3.3	3.3
Chrysene	0.71	4.1	2.5	3.5	4.2
Dibenzo(a,h)anthracene	0.16	0.81	0.39	0.55	0.71
Fluoranthene	1.4	6.2	4.1	4.3	7.2
Fluorene	0.067	0.63	0.65	0.77	1.5
Indeno(1,2,3-cd)pyrene	0.31	2	0.93	1.3	1.6
Naphthalene	0.36	0.84	0.75	0.22	4.2
Phenanthrene	0.64	3.8	3.7	2.9	7
Pyrene	1.5	8.6	4.5	6.6	6.1
PCBs (mg/kg)					
Aroclor 1016	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1221	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1232	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1242	0.09 U	0.094	0.4	0.092 U	0.29
Aroclor 1248	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1254	0.18 U	0.18 U	0.33	0.19 U	0.29
Aroclor 1260	0.18 U	0.18 U	0.16 U	0.19 U	0.18 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	0.97 UJ	1 U	1.1 U	1.1 U	1.1 UJ
Arsenic	8.1	6.5	7.2	9	7.3
Barium	61 J	82 J	68 J	78 J	160 J
Beryllium	0.75	1.1	1	1.1	0.95
Cadmium	0.91	0.79	1.1	1.1	1.2
Chromium	14 J	15 J	20 J	14 J	13 J
Copper	66 J	43 J	110 J	140 J	35 J
Lead	380 J	130 J	150 J	160 J	450 J
Mercury	0.35	0.15	0.076	0.32	0.22
Nickel	17	20	23	20	17
Selenium	0.97 U	1 U	1.1 U	1.1 U	1.1 U
Silver	0.97 U	1 U	1.1 U	1.1 U	1.1 U
Thallium	0.97 U	1	1.1 U	1.1 U	1.1 U
Zinc	160 J	90 J	290 J	240 J	320 J
Total Cyanide	0.31 U	0.26 U	0.23 U	0.27 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP07-001 1-2	SP08-001 0-0.5	SP10-001 0-2	SB10-001 1-2	SP11-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	0.06 U	0.047 U	0.23 J	0.062	0.057 U
Benzene	0.012 U	0.0095 U	15 J	0.0092	0.011 U
Bromodichloromethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Bromoform	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Bromomethane	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
2-Butanone	0.024 U	0.019 U	0.056 J	0.015 U	0.023 U
Carbon Disulfide	0.04	0.0095 U	0.014 U	0.0074 U	0.011 U
Carbon Tetrachloride	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Chlorobenzene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Chloroethane	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
Chloroform	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Chloromethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Dibromochloromethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloroethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
cis-1,2-Dichloroethene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
trans-1,2-Dichloroethene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloropropane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
cis-1,3-Dichloropropene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
trans-1,3-Dichloropropene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Ethylbenzene	0.013	0.0095 U	67 J	0.014	0.011 U
2-Hexanone	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
4-Methyl-2-Pentanone	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
Methylene Chloride	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
Styrene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,1,2,2-Tetrachloroethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Tetrachloroethene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Toluene	0.012	0.0095 U	28 J	0.0087	0.011 U
1,1,1-Trichloroethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
1,1,2-Trichloroethane	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Trichloroethene	0.012 U	0.0095 U	0.014 U	0.0074 U	0.011 U
Vinyl Chloride	0.024 U	0.019 U	0.028 U	0.015 U	0.023 U
m,p-Xylene	0.016	0.0095 U	53 J	0.021	0.011 U
o-Xylene	0.012 U	0.0095 U	31 J	0.014	0.011 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP07-001 1-2	SP08-001 0-0.5	SP10-001 0-2	SB10-001 1-2	SP11-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Bis(2-chloroethyl)ether	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Bis(2-ethylhexyl)phthalate	0.37 U	2.9	1.7 U	2.1	1.1
4-Bromophenyl phenyl ether	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Butyl benzyl phthalate	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Carbazole	0.47	0.41 U	1.7 U	1.1	0.38 U
4-Chloro-3-methylphenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
4-Chloroaniline	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2-Chloronaphthalene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2-Chlorophenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
4-Chlorophenyl phenyl ether	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Dibenzofuran	0.37 U	0.41 U	61	2	0.38 U
1,2-Dichlorobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
1,3-Dichlorobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
1,4-Dichlorobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
3,3´-Dichlorobenzidine	0.74 U	0.81 U	3.5 U	0.72 U	0.76 U
2,4-Dichlorophenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Diethyl phthalate	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Dimethyl phthalate	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Di-n-butyl phthalate	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2,4-Dimethylphenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
4,6-Dinitro-2-methylphenol	1.8 U	2 U	8.4 U	1.8 U	1.8 U
2,4-Dinitrophenol	1.8 U	2 U	8.4 U	1.8 U	1.8 U
2,4-Dinitrotoluene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2,6-Dinitrotoluene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Di-n-octyl phthalate	0.37 U	0.71	1.7 U	0.36 U	0.38 U
Hexachlorobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Hexachlorobutadiene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Hexachlorocyclopentadiene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Hexachloroethane	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
Isophorone	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2-Methylnaphthalene	0.4	0.41 U	1200	27	1.1
2-Methylphenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
4-Methylphenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2-Nitroaniline	1.8 U	2 U	8.4 U	1.8 U	1.8 U
3-Nitroaniline	1.8 U	2 U	8.4 U	1.8 U	1.8 U
4-Nitroaniline	1.8 U	2 U	8.4 U	1.8 U	1.8 U
Nitrobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2-Nitrophenol	1.8 U	2 U	8.4 U	1.8 U	1.8 U
4-Nitrophenol	1.8 U	2 U	8.4 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
N-Nitrosodiphenylamine	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.017 U	0.074 U	0.015 U	0.016 U
Pentachlorophenol	1.8 U	2 U	8.4 U	1.8 U	1.8 U
Phenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
1,2,4-Trichlorobenzene	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U
2,4,5-Trichlorophenol	0.74 U	0.81 U	3.5 U	0.72 U	0.76 U
2,4,6-Trichlorophenol	0.37 U	0.41 U	1.7 U	0.36 U	0.38 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP07-001 1-2	SP08-001 0-0.5	SP10-001 0-2	SB10-001 1-2	SP11-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	0.28 U	0.031 U	260	2.4	1.1
Acenaphthylene	0.39	0.28	170	1.9	0.86
Anthracene	0.54	0.4	150	7.1	2.5
Benzo(a)anthracene	1.5	1.4	44	1.6	0.9
Benzo(b)fluoranthene	1.3	1.2	20	3.5	1.7
Benzo(k)fluoranthene	0.98	0.9	18	3.4	1.6
Benzo(g,h,i)perylene	0.77	0.9	15	3.6	0.62
Benzo(a)pyrene	1.6	1.7	24	3.9	1.8
Chrysene	1.6	1.5	140	9	3.1
Dibenzo(a,h)anthracene	0.28 U	0.33	9.7	1.2	0.3
Fluoranthene	2.5	1.7	130	11	3.7
Fluorene	0.28 U	0.078	140	6.9	1.3
Indeno(1,2,3-cd)pyrene	0.71	0.83	16	2.6	0.44
Naphthalene	0.28	0.041	580	10	1.5
Phenanthrene	2.1	1	490	24	6.5
Pyrene	2.8	2.1	200	14	7.8
PCBs (mg/kg)					
Aroclor 1016	0.091 U	0.099 U	0.083 U	0.09 U	0.092 U
Aroclor 1221	0.091 U	0.099 U	0.083 U	0.09 U	0.092 U
Aroclor 1232	0.091 U	0.099 U	0.083 U	0.09 U	0.092 U
Aroclor 1242	1.5	0.37	0.15	3.9	0.49
Aroclor 1248	0.091 U	0.099 U	0.083 U	0.09 U	0.092 U
Aroclor 1254	0.91 U	0.28	0.17 U	3.3	0.45
Aroclor 1260	0.18 U	0.2 U	0.17 U	0.18 U	0.18 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1.2 UJ	1.4 J	1.1 J	1.1 UJ
Arsenic	4.4	7.2	4.3	7.2	5.4
Barium	370 J	76 J	82 J	140 J	120 J
Beryllium	5.7	1.1	0.62	0.84	1.1
Cadmium	1.4	0.75	0.59	1.9	1.2
Chromium	120 J	15 J	11 J	26 J	16 J
Copper	400 J	50 J	19 J	120 J	90 J
Lead	180 J	200 J	120 J	260 J	140 J
Mercury	0.091	1.4	0.67	0.3	0.1
Nickel	17 J	19 J	7.3 J	25 J	26 J
Selenium	2.8	1.2 U	1.3	0.9 U	1.1 U
Silver	1 U	1.2 U	1 U	0.9 U	1.1 U
Thallium	1 U	1.2 U	1.4	1.3	1.5
Zinc	180 J	170 J	81 J	830 J	220 J
Total Cyanide	0.26 U	0.33 U	0.22 U	0.36	0.89

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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
TCL Volatiles (mg/kg)					
Acetone	0.062	0.051 U	0.037 U	0.053 U	0.06 U
Benzene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromodichloromethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromoform	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromomethane	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
2-Butanone	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Carbon Disulfide	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Carbon Tetrachloride	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chlorobenzene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chloroethane	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Chloroform	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chloromethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Dibromochloromethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloroethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	0.012 U	0.01 U	0.0074 U	0.053	0.012 U
trans-1,2-Dichloroethene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloropropane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Ethylbenzene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
2-Hexanone	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
4-Methyl-2-Pentanone	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Methylene Chloride	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Styrene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Tetrachloroethene	0.012 U	0.01 U	0.0074 U	0.1	0.012 U
Toluene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,1-Trichloroethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,2-Trichloroethane	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Trichloroethene	0.012 U	0.01 U	0.0074 U	0.017	0.012 U
Vinyl Chloride	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
m,p-Xylene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
o-Xylene	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Bis(2-chloroethyl)ether	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Bis(2-ethylhexyl)phthalate	0.36 U	0.49	0.58	1.6	0.94 J
4-Bromophenyl phenyl ether	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Butyl benzyl phthalate	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Carbazole	0.36 U	0.35 U	0.4 U	0.75	0.36 U
4-Chloro-3-methylphenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Chloroaniline	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Chloronaphthalene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Chlorophenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Chlorophenyl phenyl ether	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Dibenzofuran	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,2-Dichlorobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,3-Dichlorobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,4-Dichlorobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
3,3´-Dichlorobenzidine	0.73 U	0.71 U	0.81 U	0.73 U	0.73 U
2,4-Dichlorophenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Diethyl phthalate	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Dimethyl phthalate	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Di-n-butyl phthalate	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,4-Dimethylphenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4,6-Dinitro-2-methylphenol	1.8 U	1.7 U	2 U	1.8 U	1.8 U
2,4-Dinitrophenol	1.8 U	1.7 U	2 U	1.8 U	1.8 U
2,4-Dinitrotoluene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,6-Dinitrotoluene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Di-n-octyl phthalate	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorobutadiene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorocyclopentadiene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachloroethane	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Isophorone	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Methylnaphthalene	0.86	0.35 U	0.4 U	0.64	0.36 U
2-Methylphenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Methylphenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Nitroaniline	1.8 U	1.7 U	2 U	1.8 U	1.8 U
3-Nitroaniline	1.8 U	1.7 U	2 U	1.8 U	1.8 U
4-Nitroaniline	1.8 U	1.7 U	2 U	1.8 U	1.8 U
Nitrobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Nitrophenol	1.8 U	1.7 U	2 U	1.8 U	1.8 U
4-Nitrophenol	1.8 U	1.7 U	2 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
N-Nitrosodiphenylamine	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	0.015 U	0.015 U	0.017 U	0.015 U	0.015 U
Pentachlorophenol	1.8 U	1.7 U	2 U	1.8 U	1.8 U
Phenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	0.73 U	0.71 U	0.81 U	0.73 U	0.73 U
2,4,6-Trichlorophenol	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
PAHs (mg/kg)					
Acenaphthene	0.16	0.15	0.031 U	0.5	0.036
Acenaphthylene	0.069	0.18	0.13	0.15	0.049
Anthracene	0.13	0.25	0.031 U	0.81	0.21
Benzo(a)anthracene	0.037	3.5	0.15	0.36	0.089
Benzo(b)fluoranthene	0.13	1.8	0.13	0.92	0.15
Benzo(k)fluoranthene	0.11	1.6	0.13	1.1	0.12
Benzo(g,h,i)perylene	0.2	0.66	0.17	0.81	0.034
Benzo(a)pyrene	0.094	3	0.2	0.75	0.069
Chrysene	0.26	3.2	0.21	2.3	0.087 J
Dibenzo(a,h)anthracene	0.084	0.35	0.057	0.28	0.028 U
Fluoranthene	0.21	4.2	0.24	1.8	0.12
Fluorene	0.15	0.15	0.031 U	0.44	0.046
Indeno(1,2,3-cd)pyrene	0.14	0.67	0.14	0.54	0.034
Naphthalene	0.83	0.19	0.031 U	0.64	0.051
Phenanthrene	0.34	0.3	0.17	2.2	0.21
Pyrene	0.28	11	0.33	2.7	0.18
PCBs (mg/kg)					
Aroclor 1016	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1221	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1232	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1242	0.98	0.12	0.22	4.7	0.15
Aroclor 1248	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1254	0.9 U	0.17 U	0.2 U	4.3	0.18 U
Aroclor 1260	0.18 U	0.17 U	0.2 U	0.18 U	0.18 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 J	0.98 UJ	1 UJ	1.1 J	1 UJ
Arsenic	7.3	3.3	9.3	6.7	1.4
Barium	86 J	32 J	150 J	130 J	9.4 J
Beryllium	0.79	0.61	0.99	1.3	0.54
Cadmium	0.7	0.59	2.2	2.3	0.5 U
Chromium	14 J	12 J	33 J	47 J	5.3 J
Copper	40 J	18 J	120 J	170 J	4.9 J
Lead	250 J	85 J	340 J	150 J	7.3 J
Mercury	2.9	0.06	0.23	0.43	0.04
Nickel	19 J	10 J	31 J	40 J	3.3 J
Selenium	1 U	0.98 U	1 U	1 U	1 U
Silver	1 U	0.98 U	1 U	1 U	1 U
Thallium	1.5	0.98 U	1	1.4	1 U
Zinc	94 J	91 J	550 J	600 J	55 J
Total Cyanide	0.26 U	0.28 U	0.32 U	0.26 U	0.28 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
TCL Volatiles (mg/kg)					
Acetone	0.062 U	0.05	0.12	0.036	0.11 J
Benzene	0.012 U	0.039	0.0084 U	0.077	13 J
Bromodichloromethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Bromoform	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Bromomethane	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
2-Butanone	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Carbon Disulfide	0.012 U	0.0081 U	0.011	0.0065 U	0.034 J
Carbon Tetrachloride	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chlorobenzene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chloroethane	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Chloroform	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chloromethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Dibromochloromethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1-Dichloroethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,2-Dichloroethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1-Dichloroethene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
cis-1,2-Dichloroethene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
trans-1,2-Dichloroethene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,2-Dichloropropane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
cis-1,3-Dichloropropene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
trans-1,3-Dichloropropene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Ethylbenzene	0.012 U	0.22	0.014	0.12	120
2-Hexanone	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
4-Methyl-2-Pentanone	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Methylene Chloride	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Styrene	0.012 U	0.0081 U	0.0084 U	0.0065 U	15
1,1,2,2-Tetrachloroethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Tetrachloroethene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Toluene	0.012 U	0.064	0.0097	0.018	74
1,1,1-Trichloroethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1,2-Trichloroethane	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Trichloroethene	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Vinyl Chloride	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
m,p-Xylene	0.012 U	0.2	0.031	0.034	180
o-Xylene	0.012 U	0.12	0.011	0.036	110

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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Bis(2-chloroethyl)ether	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Bis(2-ethylhexyl)phthalate	1.2	0.63	2.7	0.59 J	1.8 U
4-Bromophenyl phenyl ether	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Butyl benzyl phthalate	0.35 U	0.36 U	0.58	0.38 U	1.8 U
Carbazole	0.35 U	3.2	0.53	0.91 J	7.3 J
4-Chloro-3-methylphenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Chloroaniline	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Chloronaphthalene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Chlorophenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Chlorophenyl phenyl ether	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Dibenzofuran	0.35 U	0.94	0.38 U	0.9 J	45 J
1,2-Dichlorobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,3-Dichlorobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,4-Dichlorobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
3,3´-Dichlorobenzidine	0.7 U	0.72 U	0.75 U	0.75 U	3.7 U
2,4-Dichlorophenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Diethyl phthalate	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Dimethyl phthalate	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Di-n-butyl phthalate	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,4-Dimethylphenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4,6-Dinitro-2-methylphenol	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
2,4-Dinitrophenol	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
2,4-Dinitrotoluene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,6-Dinitrotoluene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Di-n-octyl phthalate	1.6	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorobutadiene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorocyclopentadiene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachloroethane	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Isophorone	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Methylnaphthalene	0.47	20	0.59	2.3 J	920 J
2-Methylphenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Methylphenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Nitroaniline	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
3-Nitroaniline	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
4-Nitroaniline	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
Nitrobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Nitrophenol	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
4-Nitrophenol	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
N-Nitrosodi-n-propylamine	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
N-Nitrosodiphenylamine	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2, 2'-Oxybis(1-Chloropropane)	0.015 U	0.015 U	0.016 U	0.38 U	1.8 U
Pentachlorophenol	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
Phenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,2,4-Trichlorobenzene	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,4,5-Trichlorophenol	0.7 U	0.72 U	0.75 U	0.75 U	3.7 U
2,4,6-Trichlorophenol	0.35 U	0.36 U	0.38 U	0.38 U	1.8 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
PAHs (mg/kg)					
Acenaphthene	0.19	3.1	0.31	3.3 J	110 J
Acenaphthylene	0.12	2.3	0.19	2.5 J	68 J
Anthracene	0.67	3.1	0.78	5 J	94 J
Benzo(a)anthracene	0.31	1.4	0.26	1.6 J	18 J
Benzo(b)fluoranthene	0.57	3.4	2	3.1 J	15 J
Benzo(k)fluoranthene	0.6	3	1.9	3.5 J	17 J
Benzo(g,h,i)perylene	0.8	3	0.89	3.7 J	12 J
Benzo(a)pyrene	0.41	2.7	0.67	4 J	14 U
Chrysene	1.7	5.4	1.4	5.6 J	95 J
Dibenzo(a,h)anthracene	0.25	1.3	0.3	1.1 J	4.8 J
Fluoranthene	1.2	7.4	2.4	8.1 J	72 J
Fluorene	0.3	3.2	0.31	3.6 J	130 J
Indeno(1,2,3-cd)pyrene	0.52	2.5	0.62	2.5 J	8.7 J
Naphthalene	0.42	13	0.47	2.4 J	600 J
Phenanthrene	1.9	9.7	2.5	13 J	350 J
Pyrene	1.8	8.9	1.9	14 J	150 J
PCBs (mg/kg)					
Aroclor 1016	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1221	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1232	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1242	1.9	0.55	1.3	0.1	0.13
Aroclor 1248	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1254	1.6	0.52	0.91 U	0.18 U	0.18 U
Aroclor 1260	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 J	0.98 J	1 J	0.97 UJ	1.1 UJ
Arsenic	4	2.5	4.3	6.9	6.3
Barium	99 J	69 J	150 J	76 J	86 J
Beryllium	0.79	0.5	0.87	0.48 U	0.53 U
Cadmium	1.1	0.44	1.3	0.89	1.2
Chromium	12 J	9.2 J	15 J	15 J	14 J
Copper	67 J	33 J	37 J	48 J	40 J
Lead	130 J	46 J	94 J	120 J	440 J
Mercury	0.2	0.1	0.53	0.33	0.25
Nickel	11 J	12 J	14 J	22 J	17 J
Selenium	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Silver	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Thallium	1.2	1.1	1.5	0.97 U	1.1 U
Zinc	240 J	98 J	210 J	150 J	320 J
Total Cyanide	0.26 U	0.25 U	0.32 U	0.3 U	0.27 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
TCL Volatiles (mg/kg)					
Acetone	0.056 U	0.056 U	0.12	0.093	0.03
Benzene	0.011 U	0.011 U	1.5	0.041	0.024
Bromodichloromethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Bromoform	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Bromomethane	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
2-Butanone	0.022 U	0.022 U	0.026	0.017 U	0.0084 U
Carbon Disulfide	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Carbon Tetrachloride	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chlorobenzene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chloroethane	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Chloroform	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chloromethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Dibromochloromethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1-Dichloroethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,2-Dichloroethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1-Dichloroethene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
cis-1,2-Dichloroethene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
trans-1,2-Dichloroethene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,2-Dichloropropane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
cis-1,3-Dichloropropene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
trans-1,3-Dichloropropene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Ethylbenzene	0.011 U	0.016	2.8	0.059	0.038
2-Hexanone	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
4-Methyl-2-Pentanone	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Methylene Chloride	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Styrene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1,2,2-Tetrachloroethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Tetrachloroethene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Toluene	0.011 U	0.011 U	0.03	0.0087 U	0.032
1,1,1-Trichloroethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1,2-Trichloroethane	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Trichloroethene	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Vinyl Chloride	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
m,p-Xylene	0.011 U	0.011 U	0.068	0.012	0.047
o-Xylene	0.011 U	0.011 U	0.72	0.015	0.029

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Bis(2-chloroethyl)ether	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Bis(2-ethylhexyl)phthalate	2.1	1.7 U	0.36 U	0.45	0.33 U
4-Bromophenyl phenyl ether	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Butyl benzyl phthalate	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Carbazole	1.8 U	4.1	1.9	0.39 U	0.33 U
4-Chloro-3-methylphenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Chloroaniline	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Chloronaphthalene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Chlorophenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Chlorophenyl phenyl ether	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Dibenzofuran	1.8 U	1.7 U	0.84	0.5	0.33 U
1,2-Dichlorobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
1,3-Dichlorobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
1,4-Dichlorobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
3,3´-Dichlorobenzidine	3.7 U	3.5 U	0.72 U	0.78 U	0.33 U
2,4-Dichlorophenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Diethyl phthalate	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Dimethyl phthalate	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Di-n-butyl phthalate	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,4-Dimethylphenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4,6-Dinitro-2-methylphenol	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
2,4-Dinitrophenol	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
2,4-Dinitrotoluene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,6-Dinitrotoluene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Di-n-octyl phthalate	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorobutadiene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorocyclopentadiene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachloroethane	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Isophorone	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Methylnaphthalene	1.8 U	1.7 U	4.1	1.1	0.33 U
2-Methylphenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Methylphenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Nitroaniline	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
3-Nitroaniline	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
4-Nitroaniline	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
Nitrobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Nitrophenol	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
4-Nitrophenol	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
N-Nitrosodi-n-propylamine	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
N-Nitrosodiphenylamine	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2, 2'-Oxybis(1-Chloropropane)	0.078 U	0.073 U	0.015 U	0.39 U	0.33 U
Pentachlorophenol	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
Phenol	1.8 U	1.7 U	0.36 U	0.39 U	15
1,2,4-Trichlorobenzene	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,4,5-Trichlorophenol	3.7 U	3.5 U	0.72 U	0.78 U	0.66 U
2,4,6-Trichlorophenol	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
PAHs (mg/kg)					
Acenaphthene	2.1	0.63	8.3	1.7	0.44
Acenaphthylene	5	0.34	6.1	1.4	0.13 U
Anthracene	4.1	2.1	8.1	3.5	0.7
Benzo(a)anthracene	5.9	0.29	8	1.1	0.2
Benzo(b)fluoranthene	3.1	1.5	4	1.8	0.84
Benzo(k)fluoranthene	3.2	1.3	3.3	1.9	0.48
Benzo(g,h,i)perylene	1.6	1.5	2.3	3	1.5
Benzo(a)pyrene	5	1.7	5.1	2.6	0.91
Chrysene	6.6	3.6	9.1	3.8	1.5
Dibenzo(a,h)anthracene	1.4 U	0.72	0.84	0.89	0.13 U
Fluoranthene	9.4	6.4	16	0.051	0.67
Fluorene	2.4	0.67	7	1.1	0.53
Indeno(1,2,3-cd)pyrene	1.4 U	1.4	2.1	1.9	1.1
Naphthalene	1.8	0.65	6.7	1.4	0.68
Phenanthrene	10	5.4	30	0.038	2
Pyrene	14	7	24	0.097	1.1
PCBs (mg/kg)					
Aroclor 1016	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1221	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1232	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1242	0.95	1.1	0.086 U	0.34	3.7
Aroclor 1248	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1254	0.72	0.9	0.17 U	0.2	1.8
Aroclor 1260	0.18 U	0.17 U	0.17 U	0.19 U	0.17 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1 UJ
Arsenic	5	2.5	3.2	6.1	5
Barium	98 J	110 J	130 J	67 J	43 J
Beryllium	0.76	0.62	0.76	0.55 U	0.62
Cadmium	0.88	1.2	0.59	0.71	1.2
Chromium	10 J	13 J	7.8 J	14 J	16 J
Copper	41 J	60 J	18 J	42 J	33 J
Lead	140 J	150 J	61 J	120 J	120 J
Mercury	0.21	0.2	0.17	0.53	0.25
Nickel	13 J	12 J	6.9 J	20 J	18 J
Selenium	0.99 U	0.96 U	1.1 U	1.1 U	1 U
Silver	0.99 U	0.96 U	1.1 U	1.1 U	1 U
Thallium	1.4	1.3	1.4	1.1 U	1 U
Zinc	120 J	270 J	73 J	150 J	200 J
Total Cyanide	0.28 U	0.22 U	0.27 U	0.29 U	0.24 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Volatiles (mg/kg)					
Acetone	0.067 U	0.042 U	0.041 U	0.14	0.044 U
Benzene	5.2	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromodichloromethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromoform	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromomethane	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
2-Butanone	0.027 U	0.017 U	0.017 U	0.015	0.018 U
Carbon Disulfide	0.013 U	0.0084 U	0.0083 U	0.013	0.0088 U
Carbon Tetrachloride	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chlorobenzene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloroethane	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Chloroform	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloromethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Dibromochloromethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloroethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,2-Dichloroethene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,2-Dichloroethene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloropropane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,3-Dichloropropene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,3-Dichloropropene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Ethylbenzene	1.5	0.01	0.015	0.0071 U	0.0088 U
2-Hexanone	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
4-Methyl-2-Pentanone	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Methylene Chloride	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Styrene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2,2-Tetrachloroethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Tetrachloroethene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Toluene	0.77	0.0084 U	0.013	0.0071 U	0.0088 U
1,1,1-Trichloroethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2-Trichloroethane	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Trichloroethene	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Vinyl Chloride	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
m,p-Xylene	0.62	0.0084 U	0.043	0.0071 U	0.0088 U
o-Xylene	0.47	0.0084 U	0.033	0.0071 U	0.0088 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Bis(2-chloroethyl)ether	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Bis(2-ethylhexyl)phthalate	0.99	2 U	2	5.6	0.42 U
4-Bromophenyl phenyl ether	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Butyl benzyl phthalate	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Carbazole	0.46	2 U	1.8 U	0.47	0.67
4-Chloro-3-methylphenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Chloroaniline	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Chloronaphthalene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Chlorophenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Chlorophenyl phenyl ether	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Dibenzofuran	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,2-Dichlorobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,3-Dichlorobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,4-Dichlorobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
3,3´-Dichlorobenzidine	0.66 U	4.1 U	3.5 U	0.71 U	0.85 U
2,4-Dichlorophenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Diethyl phthalate	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Dimethyl phthalate	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Di-n-butyl phthalate	0.33 U	6.3	1.8 U	0.36 U	0.42 U
2,4-Dimethylphenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4,6-Dinitro-2-methylphenol	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrophenol	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrotoluene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2,6-Dinitrotoluene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Di-n-octyl phthalate	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobutadiene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorocyclopentadiene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachloroethane	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Isophorone	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Methylnaphthalene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Methylphenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Methylphenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Nitroaniline	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
3-Nitroaniline	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitroaniline	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
Nitrobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Nitrophenol	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitrophenol	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
N-Nitrosodi-n-propylamine	0.33 U	2 U	1.8 U	0.36 U	0.42 U
N-Nitrosodiphenylamine	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2, 2'-Oxybis(1-Chloropropane)	0.014 U	0.087 U	0.075 U	0.015 U	0.018 U
Pentachlorophenol	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
Phenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,2,4-Trichlorobenzene	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2,4,5-Trichlorophenol	0.66 U	4.1 U	3.5 U	0.71 U	0.85 U
2,4,6-Trichlorophenol	0.33 U	2 U	1.8 U	0.36 U	0.42 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
PAHs (mg/kg)					
Acenaphthene	0.8	1.5 U	0.13 U	0.11	0.13
Acenaphthylene	1.2	1.6	0.19	0.082	0.074
Anthracene	1.5	1.8	0.36	0.15	0.33
Benzo(a)anthracene	2.7	2.8	0.13 U	0.19	0.17
Benzo(b)fluoranthene	1.2	1.7	0.24	0.47	0.38
Benzo(k)fluoranthene	0.76	1.5 U	0.24	0.53	0.87
Benzo(g,h,i)perylene	0.61	1.5 U	0.57	0.57	0.35
Benzo(a)pyrene	1.7	1.8	0.13	0.33	0.32
Chrysene	2.5	3.2	0.75	0.71	1.1
Dibenzo(a,h)anthracene	0.25 U	1.5 U	0.13 U	0.076	0.19
Fluoranthene	3.4	3.7	0.21	0.55	2
Fluorene	1	1.5 U	0.13 U	0.086	0.12
Indeno(1,2,3-cd)pyrene	0.56	1.5 U	0.29	0.18	0.36
Naphthalene	0.25 U	2.1	0.38	0.16	0.18
Phenanthrene	3.8	4.1	1.3	0.7	1
Pyrene	4.6	5.5	0.36	0.63	2.1
PCBs (mg/kg)					
Aroclor 1016	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1221	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1232	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1242	1.3	2.5	0.87 U	8.5	0.1 U
Aroclor 1248	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1254	1.1	2.2	1.7 U	6	0.2 U
Aroclor 1260	0.17 U	0.18 U	1.7 U	0.17 U	0.2 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 J	1.1 UJ	1 UJ	6.5 J	1.2 UJ
Arsenic	4.8	5.9	1.2	20	7.2
Barium	110 J	100 J	59 J	520 J	120 J
Beryllium	1	0.86	0.57	1.4	1.1
Cadmium	1.2	0.59	0.54	8.1	0.72
Chromium	29 J	11 J	5.1 J	320 J	19 J
Copper	91 J	43 J	6.8 J	480 J	28 J
Lead	190 J	140 J	25 J	1400 J	61 J
Mercury	0.21	0.28	0.026 U	2.6	0.33
Nickel	18 J	12 J	7.4 J	210 J	26 J
Selenium	0.98 U	1.1 U	1 U	0.99 U	1.2 U
Silver	0.98 U	1.1 U	1 U	1	1.2 U
Thallium	1.3	1.5	1.3	1.3	2
Zinc	260 J	69 J	29 J	1600 J	73 J
Total Cyanide	0.25 U	0.29 U	0.27 U	0.28 U	0.35 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.

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	0.036 U	0.13	0.15	0.079 U	0.065
Benzene	0.0071 U	0.015 U	0.013 U	0.016 U	0.12
Bromodichloromethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Bromoform	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Bromomethane	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
2-Butanone	0.014 U	0.029 U	0.031	0.031 U	0.034
Carbon Disulfide	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Carbon Tetrachloride	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chlorobenzene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chloroethane	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Chloroform	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chloromethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Dibromochloromethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloroethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
cis-1,2-Dichloroethene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
trans-1,2-Dichloroethene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloropropane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
cis-1,3-Dichloropropene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
trans-1,3-Dichloropropene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Ethylbenzene	0.0071 U	0.015 U	0.013 U	0.016 U	0.37
2-Hexanone	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
4-Methyl-2-Pentanone	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Methylene Chloride	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Styrene	0.0071 U	0.015 U	0.013 U	0.016 U	0.014
1,1,2,2-Tetrachloroethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Tetrachloroethene	0.0071 U	0.015 U	0.013 U	0.023	0.0094 U
Toluene	0.008	0.015 U	0.013 U	0.016 U	0.025
1,1,1-Trichloroethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1,2-Trichloroethane	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Trichloroethene	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Vinyl Chloride	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
m,p-Xylene	0.0071 U	0.015 U	0.013 U	0.016 U	0.057
o-Xylene	0.0071 U	0.015 U	0.013 U	0.016 U	0.17

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Bis(2-chloroethyl)ether	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Bis(2-ethylhexyl)phthalate	1.7 U	170	0.43 U	9.7	2.1
4-Bromophenyl phenyl ether	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Butyl benzyl phthalate	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Carbazole	1.7 U	1.9 U	0.43 U	1.9 U	0.87
4-Chloro-3-methylphenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Chloroaniline	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Chloronaphthalene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Chlorophenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Chlorophenyl phenyl ether	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Dibenzofuran	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,2-Dichlorobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,3-Dichlorobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,4-Dichlorobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
3,3´-Dichlorobenzidine	3.5 U	3.8 U	0.85 U	3.9 U	0.69 U
2,4-Dichlorophenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Diethyl phthalate	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Dimethyl phthalate	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Di-n-butyl phthalate	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,4-Dimethylphenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4,6-Dinitro-2-methylphenol	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrophenol	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrotoluene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,6-Dinitrotoluene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Di-n-octyl phthalate	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorobutadiene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorocyclopentadiene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachloroethane	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Isophorone	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Methylnaphthalene	1.7 U	1.9 U	0.43 U	1.9 U	1.7
2-Methylphenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Methylphenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Nitroaniline	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
3-Nitroaniline	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
4-Nitroaniline	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
Nitrobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Nitrophenol	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
4-Nitrophenol	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
N-Nitrosodi-n-propylamine	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
N-Nitrosodiphenylamine	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	0.074 U	0.08 U	0.018 U	0.082 U	0.015 U
Pentachlorophenol	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
Phenol	1.7 U	2.3	0.43 U	1.9 U	0.35 U
1,2,4-Trichlorobenzene	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,4,5-Trichlorophenol	3.5 U	3.8 U	0.85 U	3.9 U	0.69 U
2,4,6-Trichlorophenol	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U

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

Table 6 (Continued)
Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	1.3 U	0.38	0.072	0.15 U	0.74
Acenaphthylene	1.3 U	0.47	0.17	0.15 U	0.65
Anthracene	1.3 U	0.45	0.032 U	0.16	1.9
Benzo(a)anthracene	1.3 U	0.14	0.045	0.15 U	2.5
Benzo(b)fluoranthene	1.3 U	1.8	0.12	0.78	2
Benzo(k)fluoranthene	1.3 U	1.5	0.098	0.81	1.9
Benzo(g,h,i)perylene	1.3 U	1.5	0.062	1.1	1.3
Benzo(a)pyrene	1.3 U	1.2	0.056	0.45	2.4
Chrysene	1.3 U	2.9	0.3	0.83	3.9
Dibenzo(a,h)anthracene	1.3 U	0.57	0.032 U	0.25	0.37
Fluoranthene	1.3 U	3.8	0.15	0.45	4.1
Fluorene	1.3 U	0.32	0.032 U	0.15 U	1.2
Indeno(1,2,3-cd)pyrene	1.3 U	0.98	0.043	0.69	0.94
Naphthalene	1.3 U	0.25	0.062	0.15 U	1.8
Phenanthrene	1.3	1.7	0.19	0.42	3.6
Pyrene	2	5	0.14	0.64	6.8
PCBs (mg/kg)					
Aroclor 1016	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1221	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1232	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1242	0.087 U	31	0.1 U	1.5	5.2 U
Aroclor 1248	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1254	0.17 U	24	0.21 U	1	5.2 U
Aroclor 1260	0.17 U	0.19 U	0.21 U	0.19 U	0.17 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	1.6 J	1.3 UJ	0.98 J	0.95 UJ
Arsenic	1.7	16	9.5	3.8	7.6
Barium	57 J	240 J	170 J	140 J	59 J
Beryllium	0.59	1.5	1.2	1.1	0.63
Cadmium	0.95	6.6	0.85	1.5	1.1
Chromium	5.6 J	150 J	16 J	21 J	13 J
Copper	9.1 J	660 J	73 J	79 J	42 J
Lead	23 J	380 J	69 J	210 J	240 J
Mercury	0.025 U	0.84	0.18	0.38	0.3
Nickel	8.8 J	54 J	20 J	16 J	17 J
Selenium	1.1 U	1.1 U	1.3 U	0.94 U	0.95 U
Silver	1.1 U	1.1 U	1.3 U	0.94 U	0.95 U
Thallium	1.4	1.6	1.9	1.3	0.95 U
Zinc	33 J	1300 J	100 J	290 J	140 J
Total Cyanide	0.28 U	0.27 U	0.35 U	0.28 U	1.3

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.

Table 7
Statistical Summary of Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Boring/Probe Location	Maximum Detected Concentration	Maximum Concentration Boring/Probe Location	Number of Detected Samples	Number of Samples
TCL Volatiles (mg/kg)						
Acetone	0.03	SB31-001	0.23	SP10-001	19	35
Benzene	0.0092	SB10-001	15	SP10-001	13	35
2-Butanone	0.015	SP35-001	0.056	SP10-001	5	35
Carbon Disulfide	0.011	SB20-001	0.04	SP07-001	5	35
cis-1,2-Dichloroethene	0.053	SP16-001	--	--	1	35
Ethylbenzene	0.01	SB33-001	120	SB22-001	17	35
Styrene	0.014	SB45-001	15	SB22-001	2	35
Tetrachloroethene	0.023	SP44-001	0.1	SP16-001	2	35
Toluene	0.008	SP39-001	74	SB22-001	15	35
Trichloroethene	0.017	SP16-001	0.021	SP02-001	2	35
m,p-Xylene	0.012	SB28-001	180	SB22-001	15	35
o-Xylene	0.0096	SP03-001	110	SB22-001	15	35
TCL Semivolatiles (mg/kg)						
Bis(2-ethylhexyl)phthalate	0.45	SB28-001	170	SP40-001	19	35
Butyl benzyl phthalate	0.58	SB20-001	--	--	1	35
Carbazole	0.46	SB32-001	7.3	SB22-001	17	35
Dibenzofuran	0.4	SP06-001	61	SP10-001	8	35
Di-n-butyl phthalate	6.3	SB33-001	--	--	1	35
Di-n-octyl phthalate	0.71	SP08-001	1.6	SB18-001	2	35
2-Methylnaphthalene	0.4	SP07-001	1200	SP10-001	18	35
4-Methylphenol	0.56	SP02-001	--	--	1	35
Phenol	2.3	SP40-001	15	SB31-001	2	35
PAHs (mg/kg)						
Acenaphthene	0.036	SB17-001	260	SP10-001	28	35
Acenaphthylene	0.032	SB01-001	170	SP10-001	32	35
Anthracene	0.13	SP13-001	150	SP10-001	32	35
Benzo(a)anthracene	0.037	SP13-001	44	SP10-001	32	35
Benzo(b)fluoranthene	0.12	SP43-001	20	SP10-001	34	35
Benzo(k)fluoranthene	0.098	SP13-001	18	SP10-001	33	35
Benzo(g,h,i)perylene	0.034	SB17-001	15	SP10-001	33	35
Benzo(a)pyrene	0.056	SP43-001	24	SP10-001	32	35
Chrysene	0.087	SB17-001	140	SP10-001	34	35
Dibenzo(a,h)anthracene	0.057	SB15-001	9.7	SP10-001	26	35
Fluoranthene	0.051	SB28-001	130	SP10-001	34	35
Fluorene	0.046	SB17-001	140	SP10-001	28	35
Indeno(1,2,3-cd)pyrene	0.034	SB17-001	16	SP10-001	32	35
Naphthalene	0.041	SP08-001	600	SB22-001	31	35
Phenanthrene	0.038	SB28-001	490	SP10-001	35	35
Pyrene	0.097	SB28-001	200	SP10-001	35	35
PCBs (mg/kg)						
Aroclor 1242	0.094	SP02-001	31	SP40-001	27	35
Aroclor 1254	0.2	SB28-001	24	SP40-001	17	35

NOTES:
(1) * - Compounds/analytes detected in at least one sample.
(2) Compounds not detected were excluded from table.
(3) -- Compound/analyte detected in only one sample.

Table 7 (Continued)
Statistical Summary of Surface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Boring/Probe Location	Maximum Detected Concentration	Maximum Concentration Boring/Probe Location	Number of Detected Samples	Number of Samples
Priority Pollutant Metals (mg/kg)						
Antimony	0.98	SB19-001 SP44-001	6.5	SP35-001	13	35
Arsenic	1.2	SP34-001	20	SP35-001	35	35
Barium	9.4	SB17-001	520	SP35-001	35	35
Beryllium	0.5	SB19-001	5.7	SP07-001	32	35
Cadmium	0.44	SB19-001	8.1	SP35-001	34	35
Chromium	5.1	SP34-001	320	SP35-001	35	35
Copper	4.9	SB17-001	660	SP40-001	35	35
Lead	7.3	SB17-001	1400	SP35-001	35	35
Mercury	0.04	SB17-001	2.9	SP13-001	33	35
Nickel	3.3	SB17-001	210	SP35-001	35	35
Selenium	1.3	SP10-001	2.8	SP07-001	2	35
Silver	1	SP35-001	--	--	1	35
Thallium	1	SP02-001 SB15-001	2	SP37-001	22	35
Zinc	29	SP34-001	1600	SP35-001	35	35
Total Cyanide	0.36	SB10-001	1.3	SB45-001	3	35

NOTES:
(1) * - Compounds/analytes detected in at least one sample.
(2) Compounds not detected were excluded from table.
(3) -- Compound/analyte detected in only one sample.

Table 8
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
TCL Volatiles (mg/kg)					
Acetone	0.041 U	0.091	0.32	0.061 U	0.061
Benzene	0.0082 U	0.015	0.017 U	0.012 U	0.012 U
Bromodichloromethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Bromoform	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Bromomethane	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
2-Butanone	0.016 U	0.02	0.072	0.025 U	0.023 U
Carbon Disulfide	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Carbon Tetrachloride	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chlorobenzene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chloroethane	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Chloroform	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chloromethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Dibromochloromethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1-Dichloroethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,2-Dichloroethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1-Dichloroethene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,2-Dichloropropane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Ethylbenzene	0.0082 U	0.049	0.017 U	0.012 U	0.012 U
2-Hexanone	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
4-Methyl-2-Pentanone	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Methylene Chloride	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Styrene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Tetrachloroethene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Toluene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,1-Trichloroethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,2-Trichloroethane	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Trichloroethene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Vinyl Chloride	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
m,p-Xylene	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
o-Xylene	0.0082 U	0.012	0.017 U	0.012 U	0.012 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Bis(2-chloroethyl)ether	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.45	0.38 U	0.44 U	1.1	0.39 U
4-Bromophenyl phenyl ether	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Butyl benzyl phthalate	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Carbazole	0.38 U	0.47	0.44 U	0.41 U	0.39 U
4-Chloro-3-methylphenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Chloroaniline	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Chloronaphthalene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Chlorophenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Chlorophenyl phenyl ether	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Dibenzofuran	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,2-Dichlorobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,3-Dichlorobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,4-Dichlorobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
3,3´-Dichlorobenzidine	0.76 U	0.75 U	0.89 U	0.82 U	0.78 U
2,4-Dichlorophenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Diethyl phthalate	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Dimethyl phthalate	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Di-n-butyl phthalate	0.38 U	0.38 U	0.44 U	0.45	0.39 U
2,4-Dimethylphenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4,6-Dinitro-2-methylphenol	1.8 U	1.8 U	2.1 U	2 U	1.9 U
2,4-Dinitrophenol	1.8 U	1.8 U	2.1 U	2 U	1.9 U
2,4-Dinitrotoluene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2,6-Dinitrotoluene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Di-n-octyl phthalate	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorobutadiene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorocyclopentadiene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachloroethane	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Isophorone	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Methylnaphthalene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Methylphenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Methylphenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Nitroaniline	1.8 U	1.8 U	2.1 U	2 U	1.9 U
3-Nitroaniline	1.8 U	1.8 U	2.1 U	2 U	1.9 U
4-Nitroaniline	1.8 U	1.8 U	2.1 U	2 U	1.9 U
Nitrobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Nitrophenol	1.8 U	1.8 U	2.1 U	2 U	1.9 U
4-Nitrophenol	1.8 U	1.8 U	2.1 U	2 U	1.9 U
N-Nitrosodi-n-propylamine	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
N-Nitrosodiphenylamine	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.016 U	0.019 U	0.017 U	0.017 U
Pentachlorophenol	1.8 U	1.8 U	2.1 U	2 U	1.9 U
Phenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,2,4-Trichlorobenzene	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2,4,5-Trichlorophenol	0.76 U	0.75 U	0.89 U	0.82 U	0.78 U
2,4,6-Trichlorophenol	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
PAHs (mg/kg)					
Acenaphthene	0.029 U	0.19	0.034 U	0.17	0.03 U
Acenaphthylene	0.029 U	0.13	0.034 U	0.13	0.03 U
Anthracene	0.16	0.3	0.034 U	0.7	0.03 U
Benzo(a)anthracene	0.34	0.43	0.034 U	0.78	0.03 U
Benzo(b)fluoranthene	0.32	0.36	0.034 U	1.1	0.03 U
Benzo(k)fluoranthene	0.26	0.39	0.034 U	0.91	0.03 U
Benzo(g,h,i)perylene	0.23	0.48	0.034 U	1.2	0.03 U
Benzo(a)pyrene	0.21	0.52	0.034 U	0.75	0.03 U
Chrysene	0.67	0.62	0.034 U	1.7	0.03 U
Dibenzo(a,h)anthracene	0.099	0.13	0.034 U	0.41	0.03 U
Fluoranthene	1.1	0.85	0.034 U	2.4	0.03 U
Fluorene	0.029 U	0.21	0.034 U	0.31	0.03 U
Indeno(1,2,3-cd)pyrene	0.2	0.35	0.034 U	0.74	0.03 U
Naphthalene	0.044	0.28	0.034 U	0.15	0.03 U
Phenanthrene	0.35	1	0.034 U	1.5	0.03 U
Pyrene	1.2	1.1	0.034 U	3.4	0.03 U
PCBs (mg/kg)					
Aroclor 1016	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1221	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1232	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1242	0.093 U	0.09 U	0.1 U	5.8	0.095 U
Aroclor 1248	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1254	0.19 U	0.18 U	0.2 U	3.4	0.19 U
Aroclor 1260	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1 U	1.2 U	1.4 J	1.1 U
Arsenic	9.2	2.5	3.6	8.1	5.8 U
Barium	47	19	58	260 J	18
Beryllium	0.87	0.63	1.3	0.72	0.97
Cadmium	0.54	0.52 U	0.6 U	3	0.55 U
Chromium	20	6.9	20	570	15
Copper	32	8.9	18	220	19
Lead	41	31	17	280	13
Mercury	0.28	0.035	0.031 U	0.31	0.027 U
Nickel	33	5.5	24	76 J	23
Selenium	1 U	1 U	1.2 U	1.2 U	1.1 U
Silver	1 U	1 U	1.2 U	1.3 J	1.1 U
Thallium	4.2	1 U	1.2	1.2 U	1.5
Zinc	70 J	23	63	780	37
Total Cyanide	0.27 U	0.26 U	0.31 U	0.33 U	0.31 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP06-002 3-4	SP06-003* 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
TCL Volatiles (mg/kg)					
Acetone	0.16	0.092 U	0.068 U	0.046 U	0.097
Benzene	0.78	0.056	0.014 U	0.0093 U	0.011 U
Bromodichloromethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Bromoform	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Bromomethane	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
2-Butanone	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Carbon Disulfide	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Carbon Tetrachloride	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chlorobenzene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chloroethane	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Chloroform	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chloromethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Dibromochloromethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1-Dichloroethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,2-Dichloroethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1-Dichloroethene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
cis-1,2-Dichloroethene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
trans-1,2-Dichloroethene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,2-Dichloropropane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
cis-1,3-Dichloropropene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
trans-1,3-Dichloropropene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Ethylbenzene	3	0.38	0.014 U	0.0093 U	0.011 U
2-Hexanone	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
4-Methyl-2-Pentanone	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Methylene Chloride	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Styrene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1,2,2-Tetrachloroethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Tetrachloroethene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Toluene	0.79	0.044	0.014 U	0.0093 U	0.011 U
1,1,1-Trichloroethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1,2-Trichloroethane	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Trichloroethene	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Vinyl Chloride	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
m,p-Xylene	3	0.098	0.014 U	0.0093 U	0.011 U
o-Xylene	2	0.17	0.014 U	0.0093 U	0.011 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(2) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP06-002 3-4	SP06-003* 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Bis(2-chloroethyl)ether	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Bis(2-ethylhexyl)phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Bromophenyl phenyl ether	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Butyl benzyl phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Carbazole	0.39 U	1.4	0.38 U	0.39 U	0.4 U
4-Chloro-3-methylphenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Chloroaniline	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Chloronaphthalene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Chlorophenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Chlorophenyl phenyl ether	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Dibenzofuran	1.3	1.6	0.38 U	0.39 U	0.4 U
1,2-Dichlorobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,3-Dichlorobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,4-Dichlorobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
3,3´-Dichlorobenzidine	0.78 U	2.2 U	0.76 U	0.79 U	0.8 U
2,4-Dichlorophenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Diethyl phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Dimethyl phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Di-n-butyl phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,4-Dimethylphenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4,6-Dinitro-2-methylphenol	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,6-Dinitrotoluene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Di-n-octyl phthalate	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorobutadiene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorocyclopentadiene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachloroethane	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Isophorone	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Methylnaphthalene	20	17	0.38 U	0.39 U	0.4 U
2-Methylphenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Methylphenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Nitroaniline	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Nitrophenol	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
N-Nitrosodiphenylamine	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	0.017 U	0.046 U	0.016 U	0.017 U	0.017 U
Pentachlorophenol	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
Phenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,2,4-Trichlorobenzene	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,4,5-Trichlorophenol	0.78 U	2.2 U	0.76 U	0.79 U	0.8 U
2,4,6-Trichlorophenol	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(2) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP06-002 3-4	SP06-003* 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
PAHs (mg/kg)					
Acenaphthene	10	4.5	0.029 U	0.03 U	0.003 U
Acenaphthylene	2	4.2	0.029 U	0.03 U	0.0052
Anthracene	9.6	4.9	0.029 U	0.03 U	0.011
Benzo(a)anthracene	3.9	4.2	0.029 U	0.03 U	0.029
Benzo(b)fluoranthene	1.1	1.3	0.029 U	0.03 U	0.035
Benzo(k)fluoranthene	0.89	1.1	0.029 U	0.03 U	0.027
Benzo(g,h,i)perylene	1.2	0.82 U	0.029 U	0.03 U	0.015
Benzo(a)pyrene	2.7	0.97	0.029 U	0.03 U	0.031
Chrysene	5.1	4.3	0.029 U	0.03 U	0.035
Dibenzo(a,h)anthracene	0.52	0.82 U	0.029 U	0.03 U	0.006
Fluoranthene	9.1	6.8	0.029 U	0.03 U	0.043
Fluorene	10	6.5	0.029 U	0.03 U	0.0052
Indeno(1,2,3-cd)pyrene	1.2	0.82 U	0.029 U	0.03 U	0.014
Naphthalene	27	13	0.029 U	0.03 U	0.004
Phenanthrene	34	21	0.029 U	0.03 U	0.032
Pyrene	15	10	0.029 U	0.03 U	0.056
PCBs (mg/kg)					
Aroclor 1016	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1221	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1232	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1242	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1248	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1254	0.19 U	0.18 U	0.18 U	0.19 U	0.2 U
Aroclor 1260	0.19 U	0.18 U	0.18 U	0.19 U	0.2 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	NA	1.1 UJ	1.1 UJ	1.1 U
Arsenic	6.5 J	NA	7.7 J	8.1 J	2.8 J
Barium	67 J	NA	38 J	98 J	31 J
Beryllium	1	NA	0.98	1.2	1.1
Cadmium	0.98	NA	0.54 U	0.57 U	0.54 U
Chromium	12 J	NA	17 J	21 J	18 J
Copper	71 J	NA	28 J	24 J	22 J
Lead	190	NA	55	16	18
Mercury	0.15	NA	0.029 U	0.032 U	0.033
Nickel	17 J	NA	33 J	31 J	24 J
Selenium	1.1 U	NA	1.1 U	1.1 U	1.1 U
Silver	1.1 U	NA	1.1 U	1.1 U	1.1 U
Thallium	1.1 U	NA	1.4	2.1	1.5
Zinc	190 J	NA	69 J	39 J	42 J
Total Cyanide	0.26 U	NA	0.27 U	0.29 U	0.3 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) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
TCL Volatiles (mg/kg)					
Acetone	0.12	0.071 U	0.053 U	0.078	0.12
Benzene	0.19	3.6	0.92	0.013 U	0.012 U
Bromodichloromethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Bromoform	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Bromomethane	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
2-Butanone	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Carbon Disulfide	0.013	0.014 U	0.011 U	0.013 U	0.012 U
Carbon Tetrachloride	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chlorobenzene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chloroethane	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Chloroform	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chloromethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Dibromochloromethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1-Dichloroethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,2-Dichloroethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1-Dichloroethene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
cis-1,2-Dichloroethene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
trans-1,2-Dichloroethene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,2-Dichloropropane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
cis-1,3-Dichloropropene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
trans-1,3-Dichloropropene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Ethylbenzene	0.07	8.2	9	0.013 U	0.012 U
2-Hexanone	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
4-Methyl-2-Pentanone	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Methylene Chloride	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Styrene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1,2,2-Tetrachloroethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Tetrachloroethene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Toluene	0.011 U	0.014 U	0.6	0.013 U	0.012 U
1,1,1-Trichloroethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1,2-Trichloroethane	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Trichloroethene	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Vinyl Chloride	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
m,p-Xylene	0.013	5	3.8	0.013 U	0.012 U
o-Xylene	0.087	1.4	12	0.013 U	0.012 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Bis(2-chloroethyl)ether	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Bis(2-ethylhexyl)phthalate	0.75	0.39 U	0.38 U	0.38 U	0.4 U
4-Bromophenyl phenyl ether	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Butyl benzyl phthalate	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Carbazole	3.7	0.39 U	0.38 U	0.38 U	0.4 U
4-Chloro-3-methylphenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Chloroaniline	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Chloronaphthalene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Chlorophenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Chlorophenyl phenyl ether	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Dibenzofuran	0.65	1.2	0.75	0.38 U	0.4 U
1,2-Dichlorobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,3-Dichlorobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,4-Dichlorobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
3,3´-Dichlorobenzidine	0.75 U	0.77 U	0.77 U	0.77 U	0.8 U
2,4-Dichlorophenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Diethyl phthalate	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Dimethyl phthalate	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Di-n-butyl phthalate	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,4-Dimethylphenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4,6-Dinitro-2-methylphenol	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,6-Dinitrotoluene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Di-n-octyl phthalate	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorobutadiene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorocyclopentadiene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachloroethane	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Isophorone	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Methylnaphthalene	0.37 U	23	20	0.42	0.53
2-Methylphenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Methylphenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Nitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
N-Nitrosodiphenylamine	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.016 U	0.016 U	0.016 U	0.017 U
Pentachlorophenol	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,2,4-Trichlorobenzene	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,4,5-Trichlorophenol	0.75 U	0.77 U	0.77 U	0.77 U	0.8 U
2,4,6-Trichlorophenol	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
PAHs (mg/kg)					
Acenaphthene	0.51	8.6	5.5	0.046	0.056
Acenaphthylene	0.36	5.1	3.7	0.029 U	0.03 U
Anthracene	2.3	8.6	3.1	0.029 U	0.03 U
Benzo(a)anthracene	3.3	1.7	0.37	0.029 U	0.03 U
Benzo(b)fluoranthene	2.3	2.5	0.42	0.029 U	0.03 U
Benzo(k)fluoranthene	2.3	1.7	0.49	0.029 U	0.03 U
Benzo(g,h,i)perylene	0.74	1.6	0.51	0.029 U	0.03 U
Benzo(a)pyrene	1.6	2.2	0.45	0.029 U	0.03 U
Chrysene	3.8	11	2.2	0.032	0.03 U
Dibenzo(a,h)anthracene	0.31	0.59	0.13	0.029 U	0.03 U
Fluoranthene	5.3	6.8	1.8	0.037	0.03 U
Fluorene	0.92	6.7	3.8	0.029 U	0.03 U
Indeno(1,2,3-cd)pyrene	0.69	1.1	0.26	0.029 U	0.03 U
Naphthalene	0.52	18	27	0.73	0.99
Phenanthrene	5.2	26	9.3	0.092	0.04
Pyrene	5.1	14	3	0.063	0.03 U
PCBs (mg/kg)					
Aroclor 1016	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1221	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1232	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1242	0.39	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1248	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1254	0.41	0.19 U	0.18 U	0.19 U	0.19 U
Aroclor 1260	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	7.8 J	13 J	7.5 J	11 J	9.4 J
Barium	140 J	80 J	83 J	100 J	86 J
Beryllium	0.6	1.1	1.1	1.1	1.2
Cadmium	1.1	0.55 U	0.55 U	0.56 U	0.57 U
Chromium	98 J	18 J	19 J	20 J	20 J
Copper	68 J	32 J	31 J	32 J	34 J
Lead	340	25	18	19	20
Mercury	0.21	0.027 U	0.028	0.028 U	0.03
Nickel	38 J	35 J	39 J	37 J	34 J
Selenium	1 U	1.1 U	1.1 U	1.1 U	1.1 U
Silver	1 U	1.1 U	1.1 U	1.1 U	1.1 U
Thallium	1 U	2	2.5	2	2
Zinc	240 J	53 J	49 J	47 J	45 J
Total Cyanide	0.29 U	0.31 U	0.25 U	0.27 U	0.3 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
TCL Volatiles (mg/kg)					
Acetone	0.055 U	0.078	0.051 U	0.1	0.1
Benzene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromodichloromethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromoform	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromomethane	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
2-Butanone	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Carbon Disulfide	0.011 U	0.015 U	0.018	0.011 U	0.0098 U
Carbon Tetrachloride	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chlorobenzene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chloroethane	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Chloroform	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chloromethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Dibromochloromethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1-Dichloroethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,2-Dichloroethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1-Dichloroethene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
cis-1,2-Dichloroethene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
trans-1,2-Dichloroethene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,2-Dichloropropane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
cis-1,3-Dichloropropene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
trans-1,3-Dichloropropene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Ethylbenzene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
2-Hexanone	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
4-Methyl-2-Pentanone	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Methylene Chloride	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Styrene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,2,2-Tetrachloroethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Tetrachloroethene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Toluene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,1-Trichloroethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,2-Trichloroethane	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Trichloroethene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Vinyl Chloride	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
m,p-Xylene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
o-Xylene	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Bis(2-chloroethyl)ether	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Bromophenyl phenyl ether	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Butyl benzyl phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Carbazole	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chloro-3-methylphenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chloroaniline	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Chloronaphthalene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Chlorophenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Dibenzofuran	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,2-Dichlorobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,3-Dichlorobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,4-Dichlorobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
3,3´-Dichlorobenzidine	0.78 U	0.84 U	0.78 U	0.85 U	0.77 U
2,4-Dichlorophenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Diethyl phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Dimethyl phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Di-n-butyl phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,4-Dimethylphenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4,6-Dinitro-2-methylphenol	1.9 U	2 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrophenol	1.9 U	2 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,6-Dinitrotoluene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Di-n-octyl phthalate	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorobutadiene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorocyclopentadiene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachloroethane	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Isophorone	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Methylnaphthalene	0.79	0.42 U	0.39 U	0.42 U	0.39 U
2-Methylphenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Methylphenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Nitroaniline	1.9 U	2 U	1.9 U	2.1 U	1.9 U
3-Nitroaniline	1.9 U	2 U	1.9 U	2.1 U	1.9 U
4-Nitroaniline	1.9 U	2 U	1.9 U	2.1 U	1.9 U
Nitrobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Nitrophenol	1.9 U	2 U	1.9 U	2.1 U	1.9 U
4-Nitrophenol	1.9 U	2 U	1.9 U	2.1 U	1.9 U
N-Nitrosodi-n-propylamine	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
N-Nitrosodiphenylamine	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	0.017 U	0.018 U	0.017 U	0.018 U	0.016 U
Pentachlorophenol	1.9 U	2 U	1.9 U	2.1 U	1.9 U
Phenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,2,4-Trichlorobenzene	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,4,5-Trichlorophenol	0.78 U	0.84 U	0.78 U	0.85 U	0.77 U
2,4,6-Trichlorophenol	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
PAHs (mg/kg)					
Acenaphthene	0.077	0.032 U	0.03 U	0.032 U	0.029 U
Acenaphthylene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Anthracene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(a)anthracene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(b)fluoranthene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(k)fluoranthene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(g,h,i)perylene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(a)pyrene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Chrysene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Dibenzo(a,h)anthracene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Fluoranthene	0.03 U	0.035	0.087	0.032 U	0.029 U
Fluorene	0.036	0.032 U	0.03 U	0.032 U	0.029 U
Indeno(1,2,3-cd)pyrene	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Naphthalene	1.1	0.11 J	0.051	0.032 U	0.029 U
Phenanthrene	0.063	0.071 J	0.083	0.032 U	0.029 U
Pyrene	0.03 U	0.056 J	0.13	0.032 U	0.029 U
PCBs (mg/kg)					
Aroclor 1016	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1221	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1232	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1242	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1248	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1254	0.19 U	0.2 U	0.19 U	0.21 U	0.19 U
Aroclor 1260	0.19 U	0.2 U	0.19 U	0.21 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1.1 U	1.1 U	1.1 U	1 UJ
Arsenic	9.6 J	15 J	12 J	5 J	12 J
Barium	74 J	31 J	26 J	22 J	79 J
Beryllium	1	1.2	1.1	1.2	1.1
Cadmium	0.66	0.57 U	0.57 U	0.57 U	0.52 U
Chromium	17 J	19 J	16 J	19 J	17 J
Copper	34 J	32 J	18 J	31 J	39 J
Lead	19	26	13	16	21
Mercury	0.061	0.031 U	0.027	0.032 U	0.027 U
Nickel	30 J	43 J	27 J	30 J	37 J
Selenium	1 U	1.1 U	1.1 U	1.1 U	1 U
Silver	1 U	1.1 U	1.1 U	1.1 U	1 U
Thallium	1.9	1.2	1.1	2.5	1.8
Zinc	42 J	47 J	36 J	42 J	40 J
Total Cyanide	0.26 U	0.32 U	0.27 U	0.28 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-003 15-16	SB18-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003* 14-16
TCL Volatiles (mg/kg)					
Acetone	0.062 U	1.9 J	0.05 U	0.065	3.6 U
Benzene	0.012 U	12 J	0.5 J	0.0089 U	620
Bromodichloromethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Bromoform	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Bromomethane	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
2-Butanone	0.025 U	0.57 J	0.02 U	0.018 U	1.4 U
Carbon Disulfide	0.012 U	27 J	0.01 U	0.0089 U	0.71 U
Carbon Tetrachloride	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chlorobenzene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chloroethane	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Chloroform	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chloromethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Dibromochloromethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1-Dichloroethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,2-Dichloroethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1-Dichloroethene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
cis-1,2-Dichloroethene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
trans-1,2-Dichloroethene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,2-Dichloropropane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
cis-1,3-Dichloropropene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
trans-1,3-Dichloropropene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Ethylbenzene	0.012 U	8.1 J	0.83 J	0.0089 U	150
2-Hexanone	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
4-Methyl-2-Pentanone	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Methylene Chloride	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Styrene	0.012 U	0.03 UJ	0.15 J	0.0089 U	64
1,1,2,2-Tetrachloroethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Tetrachloroethene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Toluene	0.012 U	15 J	1 J	0.0089 U	650
1,1,1-Trichloroethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1,2-Trichloroethane	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Trichloroethene	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Vinyl Chloride	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
m,p-Xylene	0.012 U	26 J	0.84 J	0.0089 U	310
o-Xylene	0.012 U	15 J	0.46 J	0.0089 U	150

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) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-003 15-16	SB18-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003* 14-16
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Bis(2-chloroethyl)ether	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Bis(2-ethylhexyl)phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Bromophenyl phenyl ether	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Butyl benzyl phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Carbazole	0.39 U	4.7 U	2	0.39 U	460
4-Chloro-3-methylphenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Chloroaniline	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Chloronaphthalene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Chlorophenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Chlorophenyl phenyl ether	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Dibenzofuran	0.39 U	41 J	12	0.39 U	300
1,2-Dichlorobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
1,3-Dichlorobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
1,4-Dichlorobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
3,3´-Dichlorobenzidine	0.77 U	9.4 U	0.79 U	0.78 U	28 U
2,4-Dichlorophenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Diethyl phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Dimethyl phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Di-n-butyl phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,4-Dimethylphenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4,6-Dinitro-2-methylphenol	1.9 U	23 U	1.9 U	1.9 U	69 U
2,4-Dinitrophenol	1.9 U	23 U	1.9 U	1.9 U	69 U
2,4-Dinitrotoluene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,6-Dinitrotoluene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Di-n-octyl phthalate	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorobutadiene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorocyclopentadiene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachloroethane	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Isophorone	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Methylnaphthalene	0.39 U	5400 J	280	0.39 U	9700
2-Methylphenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Methylphenol	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Nitroaniline	1.9 U	23 U	1.9 U	1.9 U	69 U
3-Nitroaniline	1.9 U	23 U	1.9 U	1.9 U	69 U
4-Nitroaniline	1.9 U	23 U	1.9 U	1.9 U	69 U
Nitrobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Nitrophenol	1.9 U	23 U	1.9 U	1.9 U	69 U
4-Nitrophenol	1.9 U	23 U	1.9 U	1.9 U	69 U
N-Nitrosodi-n-propylamine	0.39 U	4.7 U	0.39 U	0.39 U	14 U
N-Nitrosodiphenylamine	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.2 U	0.39 U	0.39 U	0.6 U
Pentachlorophenol	1.9 U	23 U	1.9 U	1.9 U	69 U
Phenol	0.39 U	4.7 U	0.49	0.39 U	14 U
1,2,4-Trichlorobenzene	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,4,5-Trichlorophenol	0.77 U	9.4 U	0.79 U	0.78 U	28 U
2,4,6-Trichlorophenol	0.39 U	4.7 U	0.39 U	0.39 U	14 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) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-003 15-16	SB18-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003* 14-16
PAHs (mg/kg)					
Acenaphthene	0.029 U	99 J	11	0.031	310
Acenaphthylene	0.029 U	100 J	10	0.029 U	2000
Anthracene	0.029 U	75 J	13	0.047	1000
Benzo(a)anthracene	0.029 U	14 J	4.4	0.029 U	810
Benzo(b)fluoranthene	0.029 U	14 J	3.5	0.029 U	110 U
Benzo(k)fluoranthene	0.029 U	12 J	3.9	0.029 U	230
Benzo(g,h,i)perylene	0.029 U	8.8 J	2.4	0.029 U	340
Benzo(a)pyrene	0.029 U	9.9 J	4.3	0.029 U	470
Chrysene	0.029 U	130 J	15	0.04	770
Dibenzo(a,h)anthracene	0.029 U	7.1 J	1.1	0.029 U	130
Fluoranthene	0.029 U	61 J	18	0.029 U	610
Fluorene	0.029 U	160 J	27	0.033	1500
Indeno(1,2,3-cd)pyrene	0.029 U	7.1 J	1.7	0.029 U	300
Naphthalene	0.029 U	4700 J	200	0.2	12000
Phenanthrene	0.029 U	360 J	77	0.13	3900
Pyrene	0.029 U	110 J	29	0.029 U	740
PCBs (mg/kg)					
Aroclor 1016	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1221	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1232	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1242	0.095 U	0.12 U	0.28	0.094 U	0.35 U
Aroclor 1248	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1254	0.19 U	0.23 U	0.19 U	0.19 U	0.69 U
Aroclor 1260	0.19 U	0.23 U	0.19 U	0.19 U	0.69 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	5 J	1.1 UJ	1.1 UJ	NA
Arsenic	9.6 J	43 J	7.7 J	5.7 J	NA
Barium	84 J	100 J	65 J	34 J	NA
Beryllium	1.1	0.69	0.54 U	0.57 U	NA
Cadmium	0.56 U	1.2	0.54 U	0.57 U	NA
Chromium	17 J	65 J	17 J	18 J	NA
Copper	28 J	220 J	35 J	26 J	NA
Lead	17	240	380	22	NA
Mercury	0.033	0.82	0.18	0.029	NA
Nickel	24 J	46 J	28 J	31 J	NA
Selenium	1.1 U	1.3 U	1.1 U	1.1 U	NA
Silver	1.1 U	1.3 U	1.1 U	1.1 U	NA
Thallium	1.7	1.7	1.1 U	1.2	NA
Zinc	33 J	250 J	91 J	46 J	NA
Total Cyanide	0.28 U	66	0.28 U	0.3 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) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
TCL Volatiles (mg/kg)					
Acetone	4.1 U	0.11	0.058 U	0.09 J	0.046 J
Benzene	61	0.22	0.012 U	50 J	0.0084 U
Bromodichloromethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Bromoform	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Bromomethane	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
2-Butanone	1.7 U	0.034 U	0.023 U	0.043 J	0.017 U
Carbon Disulfide	0.83 U	0.017 U	0.012 U	0.036 J	0.0084 U
Carbon Tetrachloride	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Chlorobenzene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Chloroethane	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Chloroform	0.83 U	0.017 U	0.012 U	0.023 J	0.0084 U
Chloromethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Dibromochloromethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1-Dichloroethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,2-Dichloroethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1-Dichloroethene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
cis-1,2-Dichloroethene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
trans-1,2-Dichloroethene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,2-Dichloropropane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
cis-1,3-Dichloropropene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
trans-1,3-Dichloropropene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Ethylbenzene	120	4.6	0.012 U	240 J	0.0084 U
2-Hexanone	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
4-Methyl-2-Pentanone	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Methylene Chloride	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Styrene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1,2,2-Tetrachloroethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Tetrachloroethene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Toluene	5.2	0.54	0.012 U	180 J	0.0084 U
1,1,1-Trichloroethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1,2-Trichloroethane	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Trichloroethene	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Vinyl Chloride	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
m,p-Xylene	98	6.7	0.012 U	340 J	0.0084 U
o-Xylene	55	6.8	0.012 U	190 J	0.0084 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Bis(2-chloroethyl)ether	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Bis(2-ethylhexyl)phthalate	0.41 U	1.2	0.42	2.1 U	0.38 U
4-Bromophenyl phenyl ether	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Butyl benzyl phthalate	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Carbazole	30	5.7	0.4 U	25	0.38 U
4-Chloro-3-methylphenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Chloroaniline	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Chloronaphthalene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Chlorophenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Chlorophenyl phenyl ether	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Dibenzofuran	19	4.7	0.4 U	49	0.38 U
1,2-Dichlorobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,3-Dichlorobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,4-Dichlorobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
3,3´-Dichlorobenzidine	0.82 U	0.81 U	0.8 U	4.2 U	0.76 U
2,4-Dichlorophenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Diethyl phthalate	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Dimethyl phthalate	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Di-n-butyl phthalate	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,4-Dimethylphenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4,6-Dinitro-2-methylphenol	2 U	2 U	1.9 U	10 U	1.8 U
2,4-Dinitrophenol	2 U	2 U	1.9 U	10 U	1.8 U
2,4-Dinitrotoluene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,6-Dinitrotoluene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Di-n-octyl phthalate	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorobutadiene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorocyclopentadiene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachloroethane	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Isophorone	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Methylnaphthalene	530	58	0.4	680	0.38 U
2-Methylphenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Methylphenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Nitroaniline	2 U	2 U	1.9 U	10 U	1.8 U
3-Nitroaniline	2 U	2 U	1.9 U	10 U	1.8 U
4-Nitroaniline	2 U	2 U	1.9 U	10 U	1.8 U
Nitrobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Nitrophenol	2 U	2 U	1.9 U	10 U	1.8 U
4-Nitrophenol	2 U	2 U	1.9 U	10 U	1.8 U
N-Nitrosodi-n-propylamine	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
N-Nitrosodiphenylamine	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	0.017 U	0.017 U	0.017 U	0.09 U	0.38 U
Pentachlorophenol	2 U	2 U	1.9 U	10 U	1.8 U
Phenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,2,4-Trichlorobenzene	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,4,5-Trichlorophenol	0.82 U	0.81 U	0.8 U	4.2 U	0.76 U
2,4,6-Trichlorophenol	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
PAHs (mg/kg)					
Acenaphthene	52	19	0.03 U	86	0.029 U
Acenaphthylene	40	8.9	0.03 U	49	0.029 U
Anthracene	41	16	0.03 U	120	0.029 U
Benzo(a)anthracene	32	14	0.03 U	16	0.029 U
Benzo(b)fluoranthene	15	7	0.03 U	16 U	0.029 U
Benzo(k)fluoranthene	12	7	0.03 U	19	0.029 U
Benzo(g,h,i)perylene	4.8	3.7	0.03 U	17	0.029 U
Benzo(a)pyrene	18	9.2	0.03 U	19	0.029 U
Chrysene	31	15	0.03 U	53	0.029 U
Dibenzo(a,h)anthracene	0.4	0.94	0.03 U	6.9	0.029 U
Fluoranthene	37	20	0.03 U	110	0.029 U
Fluorene	71	26	0.067	95	0.029 U
Indeno(1,2,3-cd)pyrene	4.3	3.1 U	0.03 U	13	0.029 U
Naphthalene	380	28	0.6	190	0.029 U
Phenanthrene	190	62	0.15	270	0.031
Pyrene	91	32	0.03 U	140	0.029 U
PCBs (mg/kg)					
Aroclor 1016	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1221	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1232	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1242	0.1 U	0.098 U	0.096 U	2.9	0.094 U
Aroclor 1248	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1254	0.2 U	0.2 U	0.19 U	2	0.19 U
Aroclor 1260	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.2 J	1.1 UJ	1.1 UJ	1.5 J	1.1 UJ
Arsenic	12 J	7.8 J	11 J	7.8 J	7.1 J
Barium	140 J	92 J	110 J	190 J	32 J
Beryllium	0.94	1.3	1.2	1	0.53 U
Cadmium	1	0.56 U	0.57 U	3.5	0.53 U
Chromium	17 J	17 J	18 J	41 J	16 J
Copper	81 J	25 J	26 J	370 J	39 J
Lead	1600	58	17 J	270	20
Mercury	0.15	0.35	0.03 U	1.8	0.028 U
Nickel	21 J	29 J	28 J	41 J	31 J
Selenium	6.6	1.1 U	1.1 U	1.2 U	1.1 U
Silver	1.1 U	1.1 U	1.1 U	1.2 U	12
Thallium	1.9	1.8	1.9	1.8	1.1 U
Zinc	170 J	58 J	41 J	730 J	50 J
Total Cyanide	0.25 U	0.26 U	0.31 U	0.59	0.28 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
TCL Volatiles (mg/kg)					
Acetone	0.035 U	0.048	0.055 U	0.067 U	0.064 U
Benzene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromodichloromethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromoform	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromomethane	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
2-Butanone	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Carbon Disulfide	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Carbon Tetrachloride	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chlorobenzene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chloroethane	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Chloroform	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chloromethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Dibromochloromethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1-Dichloroethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,2-Dichloroethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1-Dichloroethene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
cis-1,2-Dichloroethene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
trans-1,2-Dichloroethene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,2-Dichloropropane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
cis-1,3-Dichloropropene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
trans-1,3-Dichloropropene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Ethylbenzene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
2-Hexanone	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
4-Methyl-2-Pentanone	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Methylene Chloride	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Styrene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,2,2-Tetrachloroethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Tetrachloroethene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Toluene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,1-Trichloroethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,2-Trichloroethane	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Trichloroethene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Vinyl Chloride	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
m,p-Xylene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
o-Xylene	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Bis(2-chloroethyl)ether	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Bis(2-ethylhexyl)phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Bromophenyl phenyl ether	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Butyl benzyl phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Carbazole	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chloro-3-methylphenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chloroaniline	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Chloronaphthalene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Chlorophenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chlorophenyl phenyl ether	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Dibenzofuran	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,2-Dichlorobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,3-Dichlorobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,4-Dichlorobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
3,3´-Dichlorobenzidine	0.76 U	0.79 U	0.78 U	0.78 U	0.74 U
2,4-Dichlorophenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Diethyl phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Dimethyl phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Di-n-butyl phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,4-Dimethylphenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrotoluene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,6-Dinitrotoluene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Di-n-octyl phthalate	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorobutadiene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorocyclopentadiene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachloroethane	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Isophorone	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Methylnaphthalene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Methylphenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Methylphenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
3-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
4-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
Nitrobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Nitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
4-Nitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
N-Nitrosodiphenylamine	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2, 2'-Oxybis(1-Chloropropane)	0.38 U	0.4 U	0.39 U	0.39 U	0.016 U
Pentachlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
Phenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,2,4-Trichlorobenzene	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,4,5-Trichlorophenol	0.76 U	0.79 U	0.78 U	0.78 U	0.74 U
2,4,6-Trichlorophenol	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
PAHs (mg/kg)					
Acenaphthene	0.029 U	0.03 U	0.035	0.029 U	0.028 U
Acenaphthylene	0.029 U	0.03 U	0.029 U	0.029 U	0.029
Anthracene	0.029 U	0.03 U	0.038	0.029 U	0.047
Benzo(a)anthracene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(b)fluoranthene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(k)fluoranthene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(g,h,i)perylene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(a)pyrene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Chrysene	0.029 U	0.03 U	0.052	0.029 U	0.075
Dibenzo(a,h)anthracene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Fluoranthene	0.029 U	0.03 U	0.029	0.029 U	0.075
Fluorene	0.029 U	0.03 U	0.033	0.029 U	0.03
Indeno(1,2,3-cd)pyrene	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Naphthalene	0.029 U	0.03 U	0.094	0.029 U	0.11
Phenanthrene	0.047	0.03 U	0.14	0.036	0.17
Pyrene	0.029 U	0.03 U	0.044	0.029 U	0.13
PCBs (mg/kg)					
Aroclor 1016	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1221	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1232	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1242	0.093 U	0.14	0.094 U	0.095 U	0.093 U
Aroclor 1248	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1254	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	7 J	9.2 J	11 J	7.2 J	12 J
Barium	39 J	41 J	41 J	38 J	31 J
Beryllium	0.55 U	0.57 U	0.57 U	0.55 U	0.93
Cadmium	0.55 U	0.57 U	0.57 U	0.55 U	0.55 U
Chromium	17 J	18 J	18 J	17 J	19 J
Copper	29 J	27 J	30 J	27 J	29 J
Lead	19	31	23	18	18
Mercury	0.028 U	0.049	0.031	0.032	0.037
Nickel	30 J	33 J	38 J	32 J	31 J
Selenium	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Silver	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Thallium	1.1 U	1.1 U	1.1 U	1.1 U	1.2
Zinc	42 J	61 J	46 J	50 J	45 J
Total Cyanide	0.27 U	0.3 U	0.28 U	0.29 U	0.27 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
TCL Volatiles (mg/kg)					
Acetone	0.081 U	0.12	0.064 U	0.14	0.13
Benzene	0.77	0.012 U	0.013 U	0.012 U	0.012 U
Bromodichloromethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Bromoform	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Bromomethane	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
2-Butanone	0.033 U	0.027	0.026 U	0.024 U	0.027
Carbon Disulfide	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Carbon Tetrachloride	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chlorobenzene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chloroethane	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Chloroform	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chloromethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Dibromochloromethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,2-Dichloroethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,2-Dichloropropane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Ethylbenzene	2	0.012 U	0.013 U	0.012 U	0.012 U
2-Hexanone	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
4-Methyl-2-Pentanone	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Methylene Chloride	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Styrene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Tetrachloroethene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Toluene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,1-Trichloroethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,2-Trichloroethane	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Trichloroethene	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Vinyl Chloride	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
m,p-Xylene	0.057	0.012 U	0.013 U	0.012 U	0.012 U
o-Xylene	0.034	0.025	0.013 U	0.012 U	0.012 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Bis(2-chloroethyl)ether	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.87	0.4 U	0.39 U	0.4 U	0.39 U
4-Bromophenyl phenyl ether	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Butyl benzyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Carbazole	1.3	0.4 U	0.39 U	0.4 U	0.39 U
4-Chloro-3-methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Chloroaniline	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Chloronaphthalene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Chlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Chlorophenyl phenyl ether	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Dibenzofuran	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,2-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,3-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,4-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
3,3´-Dichlorobenzidine	0.78 U	0.81 U	0.79 U	0.8 U	0.79 U
2,4-Dichlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Diethyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Dimethyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Di-n-butyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,4-Dimethylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4,6-Dinitro-2-methylphenol	1.9 U	2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.9 U	2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,6-Dinitrotoluene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Di-n-octyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorobutadiene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorocyclopentadiene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachloroethane	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Isophorone	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Methylnaphthalene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Nitroaniline	1.9 U	2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	1.9 U	2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	1.9 U	2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Nitrophenol	1.9 U	2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	1.9 U	2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
N-Nitrosodiphenylamine	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Pentachlorophenol	1.9 U	2 U	1.9 U	1.9 U	1.9 U
Phenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,2,4-Trichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,4,5-Trichlorophenol	0.78 U	0.81 U	0.79 U	0.8 U	0.79 U
2,4,6-Trichlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
PAHs (mg/kg)					
Acenaphthene	0.84	0.031 U	0.03 U	0.12	0.03 U
Acenaphthylene	0.99	0.031 U	0.03 U	0.086	0.03 U
Anthracene	0.98	0.031 U	0.03 U	0.17	0.03 U
Benzo(a)anthracene	1.8	0.031 U	0.03 U	0.094	0.064
Benzo(b)fluoranthene	0.87	0.031 U	0.03 U	0.13	0.041
Benzo(k)fluoranthene	0.75	0.031 U	0.03 U	0.14	0.056
Benzo(g,h,i)perylene	0.38	0.031 U	0.03 U	0.36	0.037
Benzo(a)pyrene	1.1	0.031 U	0.03 U	0.14	0.072
Chrysene	1.7	0.031 U	0.041	0.39	0.066
Dibenzo(a,h)anthracene	0.3 U	0.031 U	0.03 U	0.11	0.03 U
Fluoranthene	2.8	0.031 U	0.039	0.33	0.074
Fluorene	0.87	0.031 U	0.03 U	0.31	0.03 U
Indeno(1,2,3-cd)pyrene	0.34	0.031 U	0.03 U	0.24	0.036
Naphthalene	2.1	0.14	0.042	0.03 U	0.03 U
Phenanthrene	3.7	0.076	0.083	0.13	0.03 U
Pyrene	4	0.047	0.033	1.2	0.074
PCBs (mg/kg)					
Aroclor 1016	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1221	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1232	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1242	0.15	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1248	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1254	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Aroclor 1260	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 J	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	3.4 J	5.1 J	17 J	7.5 J	5.8 J
Barium	80 J	97 J	63 J	100 J	98 J
Beryllium	0.9	1.2	1	1.3	0.83
Cadmium	0.7	0.59	0.54 U	0.59 U	0.56 U
Chromium	13 J	17 J	16 J	21 J	11 J
Copper	35 J	31 J	55 J	28 J	11 J
Lead	65	17	30	19	36
Mercury	0.052	0.046	0.023 U	0.031 U	0.14
Nickel	11 J	26 J	30 J	33 J	12 J
Selenium	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Silver	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Thallium	1.5	1.9	2	2.1	2
Zinc	88 J	54 J	43 J	53 J	40 J
Total Cyanide	0.27 U	0.34 U	0.29 U	0.31 U	0.29 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
TCL Volatiles (mg/kg)					
Acetone	0.042 U	0.082	0.066 J	0.12 J	0.11
Benzene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromodichloromethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromoform	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromomethane	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
2-Butanone	0.017 U	0.02 U	0.023 U	0.029 UJ	0.027
Carbon Disulfide	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Carbon Tetrachloride	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chlorobenzene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chloroethane	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Chloroform	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chloromethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Dibromochloromethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1-Dichloroethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,2-Dichloroethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1-Dichloroethene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
cis-1,2-Dichloroethene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
trans-1,2-Dichloroethene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,2-Dichloropropane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
cis-1,3-Dichloropropene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
trans-1,3-Dichloropropene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Ethylbenzene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
2-Hexanone	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
4-Methyl-2-Pentanone	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Methylene Chloride	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Styrene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,2,2-Tetrachloroethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Tetrachloroethene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Toluene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,1-Trichloroethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,2-Trichloroethane	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Trichloroethene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Vinyl Chloride	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
m,p-Xylene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
o-Xylene	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Bis(2-chloroethyl)ether	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Bis(2-ethylhexyl)phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Bromophenyl phenyl ether	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Butyl benzyl phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Carbazole	0.39 U	0.39 U	0.38 U	0.53	0.4 U
4-Chloro-3-methylphenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Chloroaniline	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Chloronaphthalene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Chlorophenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Chlorophenyl phenyl ether	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Dibenzofuran	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,2-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,3-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,4-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
3,3´-Dichlorobenzidine	0.77 U	0.77 U	0.75 U	0.83 U	0.8 U
2,4-Dichlorophenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Diethyl phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Dimethyl phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Di-n-butyl phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,4-Dimethylphenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	1.8 U	2 U	1.9 U
2,4-Dinitrophenol	1.9 U	1.9 U	1.8 U	2 U	1.9 U
2,4-Dinitrotoluene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,6-Dinitrotoluene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Di-n-octyl phthalate	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorobutadiene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorocyclopentadiene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachloroethane	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Isophorone	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Methylnaphthalene	0.39 U	0.39 U	0.38 U	1.7	0.4 U
2-Methylphenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Methylphenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Nitroaniline	1.9 U	1.9 U	1.8 U	2 U	1.9 U
3-Nitroaniline	1.9 U	1.9 U	1.8 U	2 U	1.9 U
4-Nitroaniline	1.9 U	1.9 U	1.8 U	2 U	1.9 U
Nitrobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Nitrophenol	1.9 U	1.9 U	1.8 U	2 U	1.9 U
4-Nitrophenol	1.9 U	1.9 U	1.8 U	2 U	1.9 U
N-Nitrosodi-n-propylamine	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
N-Nitrosodiphenylamine	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.016 U	0.016 U	0.018 U	0.017 U
Pentachlorophenol	1.9 U	1.9 U	1.8 U	2 U	1.9 U
Phenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,2,4-Trichlorobenzene	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,4,5-Trichlorophenol	0.77 U	0.77 U	0.75 U	0.83 U	0.8 U
2,4,6-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
PAHs (mg/kg)					
Acenaphthene	0.029 U	0.029 U	0.028 U	0.42	0.056
Acenaphthylene	0.029 U	0.029 U	0.028 U	0.37	0.03 U
Anthracene	0.029 U	0.029 U	0.028 U	1.7	0.29
Benzo(a)anthracene	0.029 U	0.029 U	0.028 U	1.9	0.13
Benzo(b)fluoranthene	0.029 U	0.029 U	0.028 U	1.1	0.58
Benzo(k)fluoranthene	0.029 U	0.029 U	0.028 U	0.96	0.65
Benzo(g,h,i)perylene	0.029 U	0.029 U	0.028 U	0.46	0.31
Benzo(a)pyrene	0.029 U	0.029 U	0.028 U	0.89	0.64
Chrysene	0.029 U	0.029 U	0.028 U	2.3	1.1
Dibenzo(a,h)anthracene	0.029 U	0.029 U	0.028 U	0.15	0.23
Fluoranthene	0.029 U	0.029 U	0.028 U	4.1	1.6
Fluorene	0.029 U	0.029 U	0.028 U	0.7	0.056
Indeno(1,2,3-cd)pyrene	0.029 U	0.029 U	0.028 U	0.38	0.3 U
Naphthalene	0.029 U	0.056	0.028 U	2	0.032
Phenanthrene	0.029 U	0.029 U	0.028 U	5.7	0.81
Pyrene	0.029 U	0.029 U	0.028 U	4.7	1.7
PCBs (mg/kg)					
Aroclor 1016	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1221	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1232	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1242	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1248	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1254	0.19 U	0.18 U	0.18 U	0.2 U	0.2 U
Aroclor 1260	0.19 U	0.18 U	0.18 U	0.2 U	0.2 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	0.97 UJ	1.2 UJ	1.3 UJ	6 J
Arsenic	12 J	15 J	7.7 J	7.7 J	10 J
Barium	89 J	98 J	85 J	49 J	140 J
Beryllium	1.1	1.2	1.1	1.1	1.1
Cadmium	0.56 U	0.53	0.59 U	0.69	1
Chromium	20 J	20 J	19 J	22 J	11 J
Copper	30 J	38 J	25 J	33 J	59 J
Lead	25	22	17	40	970
Mercury	0.024 U	0.026 U	0.029 U	0.051	6.2
Nickel	35 J	38 J	25 J	28 J	13 J
Selenium	1.1 U	0.97 U	1.2 U	1.3 U	1.1 U
Silver	1.1 U	0.97 U	1.2 U	1.3 U	1.1 U
Thallium	2.2	2	1.8	1.5	1.6
Zinc	49 J	46 J	37 J	88 J	200 J
Total Cyanide	0.24 U	0.25 U	0.31 U	0.33 U	0.31 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002* 3.5-4.5	SP43-003 11-12
TCL Volatiles (mg/kg)					
Acetone	0.047 U	0.071	0.043 U	0.063 U	0.041 U
Benzene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromodichloromethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromoform	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromomethane	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
2-Butanone	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Carbon Disulfide	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Carbon Tetrachloride	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chlorobenzene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chloroethane	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Chloroform	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chloromethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Dibromochloromethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1-Dichloroethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,2-Dichloroethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1-Dichloroethene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
cis-1,2-Dichloroethene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
trans-1,2-Dichloroethene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,2-Dichloropropane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
cis-1,3-Dichloropropene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
trans-1,3-Dichloropropene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Ethylbenzene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
2-Hexanone	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
4-Methyl-2-Pentanone	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Methylene Chloride	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Styrene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,2,2-Tetrachloroethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Tetrachloroethene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Toluene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,1-Trichloroethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,2-Trichloroethane	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Trichloroethene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Vinyl Chloride	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
m,p-Xylene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
o-Xylene	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 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.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002* 3.5-4.5	SP43-003 11-12
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Carbazole	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chloro-3-methylphenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dichlorobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
3,3´-Dichlorobenzidine	0.77 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4-Dichlorophenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,6-Dinitrotoluene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Di-n-octyl phthalate	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Isophorone	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	0.38 U	0.39 U	0.39 U	1.6	0.39 U
2-Methylphenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Pentachlorophenol	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	0.77 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4,6-Trichlorophenol	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(2) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002* 3.5-4.5	SP43-003 11-12
PAHs (mg/kg)					
Acenaphthene	0.029 U	0.029 U	0.029 U	0.062	0.029 U
Acenaphthylene	0.029 U	0.029 U	0.029 U	0.074	0.029 U
Anthracene	0.03	0.029 U	0.029 U	0.029	0.029 U
Benzo(a)anthracene	0.029 U	0.029 U	0.029 U	0.09	0.029 U
Benzo(b)fluoranthene	0.029 U	0.029 U	0.029 U	0.13	0.029 U
Benzo(k)fluoranthene	0.029 U	0.029 U	0.029 U	0.11	0.029 U
Benzo(g,h,i)perylene	0.029 U	0.029 U	0.029 U	0.087	0.029 U
Benzo(a)pyrene	0.029 U	0.029 U	0.029 U	0.13	0.029 U
Chrysene	0.056	0.029 U	0.029 U	0.16	0.029 U
Dibenzo(a,h)anthracene	0.029 U	0.029 U	0.029 U	0.038	0.029 U
Fluoranthene	0.081	0.029 U	0.029 U	0.17	0.029 U
Fluorene	0.029 U	0.029 U	0.029 U	0.16	0.029 U
Indeno(1,2,3-cd)pyrene	0.029 U	0.029 U	0.029 U	0.076	0.029 U
Naphthalene	0.029 U	0.029 U	0.029 U	0.22	0.029 U
Phenanthrene	0.071	0.029 U	0.029 U	0.38	0.029 U
Pyrene	0.076	0.029 U	0.029 U	0.088	0.029 U
PCBs (mg/kg)					
Aroclor 1016	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1221	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1232	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1242	0.14	0.093 U	0.094 U	0.28	0.097 U
Aroclor 1248	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1254	0.19 U	0.19 U	0.19 U	0.26	0.19 U
Aroclor 1260	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1.1 UJ	1 UJ	NA	1 UJ
Arsenic	8.1 J	10 J	8.3 J	NA	9 J
Barium	83 J	88 J	87 J	NA	91 J
Beryllium	1.1	1.1	1.1	NA	1.1
Cadmium	0.51 U	0.56 U	0.52 U	NA	0.5 U
Chromium	19 J	16 J	19 J	NA	21 J
Copper	30 J	33 J	28 J	NA	30 J
Lead	19	19	17	NA	19
Mercury	0.027	0.029 U	0.028 U	NA	0.03 U
Nickel	29 J	36 J	28 J	NA	33 J
Selenium	1 U	1.1 U	1 U	NA	1 U
Silver	1 U	1.1 U	1 U	NA	1 U
Thallium	1.9	2.2	1.9	NA	1.9
Zinc	40 J	52 J	45 J	NA	46 J
Total Cyanide	0.3 U	0.32 U	0.27 U	NA	0.27 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) * Sample collected for source evaluation and complete results are presented in Table 10.

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
TCL Volatiles (mg/kg)			
Acetone	0.082	0.069 U	0.09 U
Benzene	0.0089 U	0.014 U	0.48
Bromodichloromethane	0.0089 U	0.014 U	0.018 U
Bromoform	0.0089 U	0.014 U	0.018 U
Bromomethane	0.018 U	0.028 U	0.036 U
2-Butanone	0.018 U	0.028 U	0.036 U
Carbon Disulfide	0.0089 U	0.014 U	0.037
Carbon Tetrachloride	0.0089 U	0.014 U	0.018 U
Chlorobenzene	0.0089 U	0.014 U	0.018 U
Chloroethane	0.018 U	0.028 U	0.036 U
Chloroform	0.0089 U	0.014 U	0.018 U
Chloromethane	0.0089 U	0.014 U	0.018 U
Dibromochloromethane	0.0089 U	0.014 U	0.018 U
1,1-Dichloroethane	0.0089 U	0.014 U	0.018 U
1,2-Dichloroethane	0.0089 U	0.014 U	0.018 U
1,1-Dichloroethene	0.0089 U	0.014 U	0.018 U
cis-1,2-Dichloroethene	0.0089 U	0.014 U	0.018 U
trans-1,2-Dichloroethene	0.0089 U	0.014 U	0.018 U
1,2-Dichloropropane	0.0089 U	0.014 U	0.018 U
cis-1,3-Dichloropropene	0.0089 U	0.014 U	0.018 U
trans-1,3-Dichloropropene	0.0089 U	0.014 U	0.018 U
Ethylbenzene	0.0089 U	0.014 U	5.1
2-Hexanone	0.018 U	0.028 U	0.036 U
4-Methyl-2-Pentanone	0.018 U	0.028 U	0.036 U
Methylene Chloride	0.018 U	0.028 U	0.036 U
Styrene	0.0089 U	0.014 U	2.2
1,1,2,2-Tetrachloroethane	0.0089 U	0.014 U	0.018 U
Tetrachloroethene	0.0089 U	0.014 U	0.018 U
Toluene	0.0089 U	0.014 U	4.4
1,1,1-Trichloroethane	0.0089 U	0.014 U	0.018 U
1,1,2-Trichloroethane	0.0089 U	0.014 U	0.018 U
Trichloroethene	0.0089 U	0.014 U	0.018 U
Vinyl Chloride	0.018 U	0.028 U	0.036 U
m,p-Xylene	0.0089 U	0.014 U	11
o-Xylene	0.0089 U	0.014 U	6

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
TCL Semivolatiles (mg/kg)			
Bis(2-chloroethoxy)methane	0.4 U	0.39 U	1.2 U
Bis(2-chloroethyl)ether	0.4 U	0.39 U	1.2 U
Bis(2-ethylhexyl)phthalate	0.4 U	0.39 U	1.2 U
4-Bromophenyl phenyl ether	0.4 U	0.39 U	1.2 U
Butyl benzyl phthalate	0.4 U	0.39 U	1.2 U
Carbazole	0.4 U	0.39 U	28
4-Chloro-3-methylphenol	0.4 U	0.39 U	1.2 U
4-Chloroaniline	0.4 U	0.39 U	1.2 U
2-Chloronaphthalene	0.4 U	0.39 U	1.2 U
2-Chlorophenol	0.4 U	0.39 U	1.2 U
4-Chlorophenyl phenyl ether	0.4 U	0.39 U	1.2 U
Dibenzofuran	0.4 U	0.39 U	22
1,2-Dichlorobenzene	0.4 U	0.39 U	1.2 U
1,3-Dichlorobenzene	0.4 U	0.39 U	1.2 U
1,4-Dichlorobenzene	0.4 U	0.39 U	1.2 U
3,3´-Dichlorobenzidine	0.79 U	0.77 U	2.4 U
2,4-Dichlorophenol	0.4 U	0.39 U	1.2 U
Diethyl phthalate	0.4 U	0.39 U	1.2 U
Dimethyl phthalate	0.4 U	0.39 U	1.2 U
Di-n-butyl phthalate	0.4 U	0.39 U	1.2 U
2,4-Dimethylphenol	0.4 U	0.39 U	1.2 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	5.8 U
2,4-Dinitrophenol	1.9 U	1.9 U	5.8 U
2,4-Dinitrotoluene	0.4 U	0.39 U	1.2 U
2,6-Dinitrotoluene	0.4 U	0.39 U	1.2 U
Di-n-octyl phthalate	0.4 U	0.39 U	1.2 U
Hexachlorobenzene	0.4 U	0.39 U	1.2 U
Hexachlorobutadiene	0.4 U	0.39 U	1.2 U
Hexachlorocyclopentadiene	0.4 U	0.39 U	1.2 U
Hexachloroethane	0.4 U	0.39 U	1.2 U
Isophorone	0.4 U	0.39 U	1.2 U
2-Methylnaphthalene	0.4 U	0.39 U	5.3
2-Methylphenol	0.4 U	0.39 U	1.2 U
4-Methylphenol	0.4 U	0.39 U	1.2 U
2-Nitroaniline	1.9 U	1.9 U	5.8 U
3-Nitroaniline	1.9 U	1.9 U	5.8 U
4-Nitroaniline	1.9 U	1.9 U	5.8 U
Nitrobenzene	0.4 U	0.39 U	1.2 U
2-Nitrophenol	1.9 U	1.9 U	5.8 U
4-Nitrophenol	1.9 U	1.9 U	5.8 U
N-Nitrosodi-n-propylamine	0.4 U	0.39 U	1.2 U
N-Nitrosodiphenylamine	0.4 U	0.39 U	1.2 U
2, 2'-Oxybis(1-Chloropropane)	0.017 U	0.016 U	1.2 U
Pentachlorophenol	1.9 U	1.9 U	5.8 U
Phenol	0.4 U	0.39 U	1.2 U
1,2,4-Trichlorobenzene	0.4 U	0.39 U	1.2 U
2,4,5-Trichlorophenol	0.79 U	0.77 U	2.4 U
2,4,6-Trichlorophenol	0.4 U	0.39 U	1.2 U

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

Table 8 (Continued)
Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
PAHs (mg/kg)			
Acenaphthene	0.03 U	0.029 U	12
Acenaphthylene	0.03 U	0.029 U	21
Anthracene	0.03 U	0.029 U	47
Benzo(a)anthracene	0.03 U	0.029 U	14
Benzo(b)fluoranthene	0.03 U	0.029 U	7
Benzo(k)fluoranthene	0.03 U	0.029 U	6.2
Benzo(g,h,i)perylene	0.03 U	0.029 U	3.4
Benzo(a)pyrene	0.03 U	0.029 U	7
Chrysene	0.03 U	0.029 U	25
Dibenzo(a,h)anthracene	0.03 U	0.029 U	1.1
Fluoranthene	0.03 U	0.029 U	33
Fluorene	0.03 U	0.029 U	60
Indeno(1,2,3-cd)pyrene	0.03 U	0.029 U	2.8
Naphthalene	0.03 U	0.029 U	360
Phenanthrene	0.03 U	0.029 U	170
Pyrene	0.03 U	0.029 U	60
PCBs (mg/kg)			
Aroclor 1016	0.096 U	0.093 U	0.095 U
Aroclor 1221	0.096 U	0.093 U	0.095 U
Aroclor 1232	0.096 U	0.093 U	0.095 U
Aroclor 1242	0.096 U	0.093 U	0.16
Aroclor 1248	0.096 U	0.093 U	0.095 U
Aroclor 1254	0.19 U	0.19 U	0.19 U
Aroclor 1260	0.19 U	0.19 U	0.19 U
Priority Pollutant Metals and Total Cyanide (mg/kg)			
Antimony	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	13 J	9.3 J	19 J
Barium	79 J	94 J	37 J
Beryllium	1.2	1.2	0.54 U
Cadmium	0.57 U	0.58 U	0.67
Chromium	20 J	20 J	28 J
Copper	31 J	33 J	61 J
Lead	19	20	210
Mercury	0.03 U	0.026 U	0.39
Nickel	39 J	35 J	25 J
Selenium	1.1 U	1.2 U	1.1 U
Silver	1.1 U	1.2 U	1.1 U
Thallium	1.8	2.3	1.1 U
Zinc	52 J	45 J	140 J
Total Cyanide	0.32 U	0.31 U	0.62

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.

Table 9
Statistical Summary of Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Boring/Probe Location	Maximum Detected Concentration	Maximum Concentration Boring/Probe Location	Number of Detected Samples	Number of Samples
TCL Volatiles (mg/kg)						
Acetone	0.046	SB27-001	1.9	SB18-002	26	53
Benzene	0.015	SP02-002	620	SB23-003	14	53
2-Butanone	0.02	SP02-002	0.57	SB18-002	7	53
Carbon Disulfide	0.013	SB09-001	27	SB18-002	5	53
Chlorform	0.023	SB26-001	--	--	1	53
Ethylbenzene	0.049	SP02-002	240	SB26-001	14	53
Styrene	0.15	SB21-002	64	SB23-003	3	53
Toluene	0.044	SP06-003	650	SB23-003	10	53
m,p-Xylene	0.013	SB09-001	340	SB26-001	13	53
o-Xylene	0.012	SP02-002	190	SB26-001	15	53
TCL Semivolatiles (mg/kg)						
Bis(2-ethylhexyl)phthalate	0.42	SB25-003	1.2	SB25-002	6	53
Carbazole	0.47	SP02-002	460	SB23-003	11	53
Dibenzofuran	0.65	SB09-001	300	SB23-003	12	53
Di-n-butyl phthalate	0.45	SB04-001	--	--	1	53
2-Methylnaphthalene	0.4	SB25-003	9,700	SB23-003	17	53
Phenol	0.49	SB21-002	--	--	1	53
PAHs (mg/kg)						
Acenaphthene	0.031	SB22-002	310	SB23-003	24	53
Acenaphthylene	0.0052	SP08-002	2,000	SB23-003	20	53
Anthracene	0.011	SP08-002	1,000	SB23-003	25	53
Benzo(a)anthracene	0.029	SP08-002	810	SB23-003	22	53
Benzo(b)fluoranthene	0.035	SP08-002	15	SB24-002	20	53
Benzo(k)fluoranthene	0.027	SP08-002	230	SB23-003	22	53
Benzo(g,h,i)perylene	0.015	SP08-002	340	SB23-003	21	53
Benzo(a)pyrene	0.031	SP08-002	470	SB23-003	22	53
Chrysene	0.032	SP11-002	770	SB23-003	28	53
Dibenzo(a,h)anthracene	0.006	SP08-002	130	SB23-003	19	53
Fluoranthene	0.029	SB29-001	610	SB23-003	29	53
Fluorene	0.0052	SP08-002	1,500	SB23-003	25	53
Indeno(1,2,3-cd)pyrene	0.014	SP08-002	300	SB23-003	19	53
Naphthalene	0.004	SP08-002	12,000	SB23-003	32	53
Phenanthrene	0.031	SB27-001	3,900	SB23-003	36	53
Pyrene	0.033	SB33-003	740	SB23-003	30	53
PCBs (mg/kg)						
Aroclor 1242	0.14	SB28-002 SP39-003	5.8	SB04-001	9	53
Aroclor 1254	0.26	SP43-002	3.4	SB04-001	4	53

NOTES:
(1) * - Compounds/analytes detected in at least one sample.
(2) Compounds not detected were excluded from table.

Table 9 (Continued)
Statistical Summary of Subsurface Soil Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Boring/Probe Location	Maximum Detected Concentration	Maximum Concentration Boring/Probe Location	Number of Detected Samples	Number of Samples
Priority Pollutant Metals (mg/kg)						
Antimony	1.1	SB32-002	6	SP39-002	6	53
Arsenic	2.5	SP02-002	43	SB18-002	48	53
Barium	18	SP05-002	260	SB04-001	50	53
Beryllium	0.6	SB09-001	1.3	SP03-002 SB25-002 SP34-002	42	53
Cadmium	0.53	SP37-002	3.5	SB26-001	14	53
Chromium	6.9	SP02-002	570	SB04-001	50	53
Copper	8.9	SP02-002	370	SB26-001	50	53
Lead	13	SP05-002 SB15-002	1,600	SB24-002	50	53
Mercury	0.027	SB15-002 SP39-003	6.2	SP39-002	28	53
Nickel	5.5	SP02-002	76	SB04-001	50	53
Selenium	6.6	SB24-002	--	--	1	53
Silver	1.3	SB04-001	12	SB27-001	2	53
Thallium	1.1	SP15-002	4.2	SB01-002	39	53
Zinc	23	SP02-002	780	SB04-001	50	53
Total Cyanide	0.59	SB26-001	66	SB18-002	3	53

NOTES:
(1) * - Compounds/analytes detected in at least one sample.
(2) Compounds not detected were excluded from table.

Table 10
Soil pH Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Sample Location	Depth (feet below ground surface)	pH
SB01-002	8-10	8.49
SP03-002	4-5	7.52
SP05-002	9-10	7.6
SP06-003*	8-10	9.44
SP08-001	0-0.5	7.80
SB09-001	3-5	10.2
SP10-001	0-2	8.67
SP13-002	6-7	8.43
SP16-002	9-10	8.82
SB23-003*	14-16	9.99
SB31-001	2-3	8.21
SB32-002	3-5	8.59
SP34-001	0-0.5	9.81
SP35-001	1-2	10.15
SP37-001	1-2	7.63
SB38-001	5-7	8.67
SP39-002	5-6	8.79
SP43-002*	3.5-4.5	8.6
SP44-002	6-7	7.78
MW01-001	18-20	7.53
MW05-001	18-20	7.28

NOTES:
(1) *This sample was collected for source characterization.
(2) pH - Method 9045C.

Table 11
Potential Source Material Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP06-003	SB23-003	SP43-002
	8-10	14-16	3.5-4.5
TCL Volatiles (mg/kg)			
1,1,1-Trichloroethane	0.018 U	0.71 U	0.013 U
1,1,2,2-Tetrachloroethane	0.018 U	0.71 U	0.013 U
1,1,2-Trichloroethane	0.018 U	0.71 U	0.013 U
1,1-Dichloroethane	0.018 U	0.71 U	0.013 U
1,1-Dichloroethene	0.018 U	0.71 U	0.013 U
1,2-Dichloroethane	0.018 U	0.71 U	0.013 U
1,2-Dichloropropane	0.018 U	0.71 U	0.013 U
2-Butanone	0.037 U	1.4 U	0.025 U
2-Hexanone	0.037 U	1.4 U	0.025 U
4-Methyl-2-Pentanone	0.037 U	1.4 U	0.025 U
Acetone	0.092 U	3.6 U	0.063 U
Benzene	0.056	620	0.013 U
Bromodichloromethane	0.018 U	0.71 U	0.013 U
Bromoform	0.018 U	0.71 U	0.013 U
Bromomethane	0.037 U	1.4 U	0.025 U
Carbon Disulfide	0.018 U	0.71 U	0.013 U
Carbon Tetrachloride	0.018 U	0.71 U	0.013 U
Chlorobenzene	0.018 U	0.71 U	0.013 U
Chloroethane	0.037 U	1.4 U	0.025 U
Chloroform	0.018 U	0.71 U	0.013 U
Chloromethane	0.018 U	0.71 U	0.013 U
cis-1,2-Dichloroethene	0.018 U	0.71 U	0.013 U
cis-1,3-Dichloropropene	0.018 U	0.71 U	0.013 U
Dibromochloromethane	0.018 U	0.71 U	0.013 U
Ethylbenzene	0.38	150	0.013 U
m,p-Xylene	0.098	310	0.013 U
Methylene Chloride	0.037 U	1.4 U	0.025 U
o-Xylene	0.17	150	0.013 U
Styrene	0.018 U	64	0.013 U
Tetrachloroethene	0.018 U	0.71 U	0.013 U
Toluene	0.044	650	0.013 U
trans-1,2-Dichloroethene	0.018 U	0.71 U	0.013 U
trans-1,3-Dichloropropene	0.018 U	0.71 U	0.013 U
Trichloroethene	0.018 U	0.71 U	0.013 U
Vinyl Chloride	0.037 U	1.4 U	0.025 U
TCL Semivolatiles (mg/kg)			
1,2,4-Trichlorobenzene	0.037 U	14 U	0.39 U
1,2-Dichlorobenzene	0.037 U	14 U	0.39 U
1,3-Dichlorobenzene	0.037 U	14 U	0.39 U
1,4-Dichlorobenzene	0.037 U	14 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	0.037 U	0.6 U	0.016 U
2,4,5-Trichlorophenol	0.037 U	28 U	0.78 U
2,4,6-Trichlorophenol	0.037 U	14 U	0.39 U
2,4-Dichlorophenol	0.037 U	14 U	0.39 U
2,4-Dimethylphenol	0.037 U	14 U	0.39 U
2,4-Dinitrophenol	0.037 U	69 U	1.9 U
2,4-Dinitrotoluene	0.037 U	14 U	0.39 U
2,6-Dinitrotoluene	0.037 U	14 U	0.39 U
2-Chloronaphthalene	0.037 U	14 U	0.39 U
2-Chlorophenol	0.037 U	14 U	0.39 U
2-Methylnaphthalene	0.037 U	9700	1.6

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

Table 11 (Continued)
Potential Source Material Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP06-003 8-10	SB23-003 14-16	SP43-002 3.5-4.5
TCL Semivolatiles - Continued (mg/kg)			
2-Methylphenol	0.037 U	14 U	0.39 U
2-Nitroaniline	0.037 U	69 U	1.9 U
2-Nitrophenol	0.037 U	69 U	1.9 U
3,3´-Dichlorobenzidine	2.2 U	28 U	0.78 U
3-Nitroaniline	5.2 U	69 U	1.9 U
4,6-Dinitro-2-methylphenol	5.2 U	69 U	1.9 U
4-Bromophenyl phenyl ether	1.1 U	14 U	0.39 U
4-Chloro-3-methylphenol	1.1 U	14 U	0.39 U
4-Chloroaniline	1.1 U	14 U	0.39 U
4-Chlorophenyl phenyl ether	1.1 U	14 U	0.39 U
4-Methylphenol	1.1 U	14 U	0.39 U
4-Nitroaniline	5.2 U	69 U	1.9 U
4-Nitrophenol	5.2 U	69 U	1.9 U
Bis(2-chloroethoxy)methane	1.1 U	14 U	0.39 U
Bis(2-chloroethyl)ether	1.1 U	14 U	0.39 U
Bis(2-ethylhexyl)phthalate	1.1 U	14 U	0.39 U
Butyl benzyl phthalate	1.1 U	14 U	0.39 U
Carbazole	1.4	460	0.39 U
Di-n-butyl phthalate	1.1 U	14 U	0.39 U
Di-n-octyl phthalate	1.1 U	14 U	0.39 U
Dibenzofuran	1.6	300	0.39 U
Diethyl phthalate	1.1 U	14 U	0.39 U
Dimethyl phthalate	1.1 U	14 U	0.39 U
Hexachlorobenzene	1.1 U	14 U	0.39 U
Hexachlorobutadiene	1.1 U	14 U	0.39 U
Hexachlorocyclopentadiene	1.1 U	14 U	0.39 U
Hexachloroethane	1.1 U	14 U	0.39 U
Isophorone	1.1 U	14 U	0.39 U
N-Nitrosodi-n-propylamine	1.1 U	14 U	0.39 U
N-Nitrosodiphenylamine	1.1 U	14 U	0.39 U
Nitrobenzene	1.1 U	14 U	0.39 U
Pentachlorophenol	5.2 U	69 U	1.9 U
Phenol	1.1 U	14 U	0.39 U
PAHs (mg/kg)			
Acenaphthene	4.5	310	0.062
Acenaphthylene	4.2	2000	0.074
Anthracene	4.9	1000	0.029
Benzo(a)anthracene	4.2	810	0.09
Benzo(a)pyrene	0.97	470	0.13
Benzo(b)fluoranthene	1.3	110 U	0.13
Benzo(g,h,i)perylene	0.82 U	340	0.087
Benzo(k)fluoranthene	1.1	230	0.11
Chrysene	4.3	770	0.16
Dibenzo(a,h)anthracene	0.82 U	130	0.038
Fluoranthene	6.8	610	0.17
Fluorene	6.5	1500	0.16
Indeno(1,2,3-cd)pyrene	0.82 U	300	0.076
Naphthalene	13	12000	0.22
Phenanthrene	21	3900	0.38
Pyrene	10	740	0.088

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

Table 11 (Continued)
Potential Source Material Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration		
	SP06-003	SB23-003	SP43-002
	8-10	14-16	3.5-4.5
PCBs (mg/kg)			
Aroclor 1016	0.09 U	0.35 U	0.099 U
Aroclor 1221	0.09 U	0.35 U	0.099 U
Aroclor 1232	0.09 U	0.35 U	0.099 U
Aroclor 1242	0.09 U	0.35 U	0.28
Aroclor 1248	0.09 U	0.35 U	0.099 U
Aroclor 1254	0.18 U	0.69 U	0.26
Aroclor 1260	0.18 U	0.69 U	0.2 U
TCLP Metals (mg/L)			
Arsenic	0.02 U	0.02 U	0.02 U
Barium	0.87	0.77	1.8
Cadmium	0.01 U	0.01 U	0.023
Chromium	0.02 U	0.02 U	0.02 U
Lead	0.2	0.3	0.21
Mercury	0.00025 U	0.00025 U	0.00025 U
Selenium	0.02 U	0.02 U	0.02 U
Silver	0.02 U	0.02 U	0.02 U
Miscellaneous			
pH	9.44	9.99	8.6
Reactive Cyanide	0.87 U	1 U	1.1 U
Reactive Sulfide	22 U	160	23 U
Flashpoint	>212	108	>212
BTU	500 U	4120	1420

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

Table 12
Total Petroleum Hydrocarbon Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Parameter	Sample Location and Depth (feet below ground surface)/Concentration							
	SP10-001 0-2	SB18B-002 5-7	SB21-002 5-7	SB22-001 2-3	SB23-003 14-16	SB24-002 5-7	SB26-001 3-5	SB45-002 3-5
Total Petroleum Hydrocarbons (TPH) - (mg/kg)								
TPH-Gasoline	1,700	5,800	340	920	9,100	300	1,300	510
TPH-Diesel	11,000	42,000	2,200	8,600	72,000	3,300	5,100	3,700
TPH-Oil	5,200	13,000	1,300	4,600	23,000	1,100	2,100	1,600

Table 13
Groundwater Analytical Laboratory Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Date Sampled/Concentration		
	MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
TCL Volatiles (mg/l)			
Acetone	0.01 U	0.01 U	0.027
Benzene	0.21	0.005 U	0.005 U
Bromodichloromethane	0.005 U	0.005 U	0.005 U
Bromoform	0.005 U	0.005 U	0.005 U
Bromomethane	0.01 U	0.01 U	0.01 U
2-Butanone	0.01 U	0.01 U	0.01 U
Carbon Disulfide	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.005 U	0.005 U	0.005 U
Chloroethane	0.01 U	0.01 U	0.01 U
Chloroform	0.005 U	0.005 U	0.005 U
Chloromethane	0.005 U	0.005 U	0.005 U
Dibromochloromethane	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.005 U	0.005 U	0.005 U
cis-1,3-Dichloropropene	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	0.005 U	0.005 U	0.005 U
Ethylbenzene	0.005 U	0.005 U	0.005 U
2-Hexanone	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.01 U	0.01 U	0.01 U
Styrene	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Toluene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.01 U	0.01 U	0.01 U
m,p-Xylene	0.005 U	0.005 U	0.0068
o-Xylene	0.005 U	0.005 U	0.009

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

Table 13 (Continued)
Groundwater Analytical Laboratory Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Date Sampled/Concentration		
	MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
TCL Semivolatiles (mg/l)			
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl)ether	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.02 U	0.02 U	0.02 U
4-Chloroaniline	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U
3,3-Dichlorobenzidine	0.02 U	0.02 U	0.02 U
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	0.025 U	0.025 U	0.025 U
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U
2-Nitroaniline	0.025 U	0.025 U	0.025 U
3-Nitroaniline	0.025 U	0.025 U	0.025 U
4-Nitroaniline	0.02 U	0.02 U	0.02 U
Nitrobenzene	0.01 U	0.01 U	0.01 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U
N-Nitrosodi-n-propylamine	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U
2, 2'-oxybis(1-Chloropropane)	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.025 U	0.025 U	0.025 U
Phenol	0.01 U	0.01 U	0.01 U
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U

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

Table 13 (Continued)
Groundwater Analytical Laboratory Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Sample Location and Date Sampled/Concentration		
	MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
PAH (mg/l)			
Acenaphthene	0.04	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.00024	0.00022	0.00076
Benzo(a)pyrene	0.00026	0.00024	0.00022
Benzo(b)fluoranthene	0.00018 U	0.00018 U	0.0003
Benzo(g,h,i)perylene	0.0001 U	0.0001 U	0.00012
Benzo(k)fluoranthene	0.00017 U	0.00017 U	0.00022
Chrysene	0.001 U	0.001 U	0.001 U
Dibenz(a,h)anthracene	0.0001 U	0.0001 U	0.0001 U
Fluoranthene	0.002 U	0.002 U	0.002 U
Fluorene	0.0059	0.002 U	0.002 U
Indeno(1,2,3-cd)pyrene	0.0001 U	0.0001 U	0.0001 U
Naphthalene	0.015	0.002	0.01
Phenanthrene	0.002 U	0.002 U	0.0032
Pyrene	0.002 U	0.002 U	0.0024
PCBs (mg/l)			
Aroclor 1016	0.0005 U	0.0005 U	0.0005 U
Aroclor 1221	0.001 U	0.001 U	0.001 U
Aroclor 1232	0.0005 U	0.0005 U	0.0005 U
Aroclor 1242	0.0005 U	0.0005 U	0.0005 U
Aroclor 1248	0.0005 U	0.0005 U	0.0005 U
Aroclor 1254	0.0005 U	0.0005 U	0.0005 U
Aroclor 1260	0.0005 U	0.0005 U	0.0005 U
Priority Pollutant Metals (mg/l)			
Antimony	0.01 U	0.01 U	0.01 U
Arsenic	0.01 U	0.01 U	0.14
Barium	0.099	0.05	1.9
Beryllium	0.005 U	0.005 U	0.018
Cadmium	0.005 U	0.005 U	0.005 U
Chromium	0.01 U	0.01 U	0.63
Copper	0.01 U	0.01 U	1.2
Lead	0.005 U	0.005 U	0.96
Mercury	0.00025 U	0.00025 U	0.0026
Nickel	0.01 U	0.026	1.1
Selenium	0.01 U	0.01 U	0.01 U
Silver	0.01 U	0.01 U	0.01 U
Thallium	0.01 U	0.01 U	0.024
Zinc	0.01 U	0.01 U	2.2
Total Cyanide	0.005 U	0.005 U	0.12

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

Table 14
Statistical Summary of Groundwater Analytical Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Minimum Detected Concentration	Minimum Concentration Boring/Probe Location	Maximum Detected Concentration	Maximum Concentration Boring/Probe Location	Number of Detected Samples	Number of Samples
TCL Volatiles (mg/l)						
Acetone	0.027	MW05-001	--	--	1	3
Benzene	0.21	MW01-001	--	--	1	3
m,p-Xylene	0.0068	MW05-001	--	--	1	3
o-Xylene	0.009	MW05-001	--	--	1	3
PAHs (mg/l)						
Acenaphthene	0.04	MW01-001	--	--	1	3
Benzo(a)anthracene	0.00022	MW02-001	0.00076	MW05-001	3	3
Benzo(a)pyrene	0.00022	MW05-001	0.00026	MW01-001	3	3
Benzo(b)fluoranthene	0.0003	MW05-001	--	--	1	3
Benzo(g,h,i)perylene	0.00012	MW05-001	--	--	1	3
Benzo(k)fluoranthene	0.00022	MW05-001	--	--	1	3
Fluorene	0.0059	MW01-001	--	--	1	3
Naphthalene	0.002	MW02-001	0.015	MW01-001	3	3
Phenanthrene	0.0032	MW05-001	--	--	1	3
Pyrene	0.0024	MW05-001	--	--	1	3
Priority Pollutant Metals (mg/l)						
Arsenic	0.14	MW05-001	--	--	1	3
Barium	0.05	MW02-001	1.9	MW05-001	3	3
Beryllium	0.018	MW05-001	--	--	1	3
Chromium	0.63	MW05-001	--	--	1	3
Copper	1.2	MW05-001	--	--	1	3
Lead	0.96	MW05-001	--	--	1	3
Mercury	0.0026	MW05-001	--	--	1	3
Nickel	0.026	MW02-001	1.1	MW05-001	2	3
Thallium	0.024	MW05-001	--	--	1	3
Zinc	2.2	MW05-001	--	--	1	3
Total Cyanide	0.12	MW05-001	--	--	1	3

NOTES:
(1) * - Compounds/analytes detected in at least one sample.
(2) Compounds not detected were excluded from table.
(3) -- Compound/analyte detected in only one sample.

Table 15
Potential Source Material Calculations for Soil Attenuation Capacity - Total Petroleum Hydrocarbon Results
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Parameter	Surface Soils (mg/kg)	Subsurface Soils (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration							
			SP10-001 0-2	SB18B-002 5-7	SB21-002 5-7	SB22-001 2-3	SB23-003 14-16	SB24-002 5-7	SB26-001 3-5	SB45-002 3-5
Total Petroleum Hydrocarbons (TPH) - (mg/kg)										
TPH-Gasoline			1,700	5,800	340	920	9,100	300	1,300	510
TPH-Diesel			11,000	42,000	2,200	8,600	72,000	3,300	5,100	3,700
TPH-Oil			5,200	13,000	1,300	4,600	23,000	1,100	2,100	1,600
TOTAL TPH	6,000*	2,000*	**17,900**	**60,800**	**3,840**	**14,120**	**104,100**	**4,700**	**8,500**	**5,810**

NOTES:
(1) * - Default natural organic carbon fraction presented in TACO, Section 742.215.
(2) Shaded value exceeds default values.

Table 16
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Volatiles (mg/kg)						
Acetone	10,000	0.099	0.17	0.051	0.067	0.073
Benzene	870	0.0097 U	0.055	0.0072 U	0.015	0.079
Bromodichloromethane	3,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromoform	1,900	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromomethane	3,200	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
2-Butanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Carbon Disulfide	720	0.0097 U	0.023	0.0072 U	0.012 U	0.013 U
Carbon Tetrachloride	1,100	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chlorobenzene	680	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloroethane	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Chloroform	2,900	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloromethane	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Dibromochloromethane	1,300	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethane	1,700	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloroethane	1,800	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethene	1,500	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloropropane	1,100	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	1,400	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	1,400	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Ethylbenzene	400	0.0097 U	0.044	0.0072 U	0.012 U	0.15
2-Hexanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
4-Methyl-2-Pentanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Methylene	2,400	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Styrene	1,500	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Tetrachloroethene	240	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Toluene	650	0.0097 U	0.036	0.0072 U	0.012 U	0.041
1,1,1-Trichloroethane	1,200	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2-Trichloroethane	1,800	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Trichloroethene	1,300	0.0097 U	0.021	0.0072 U	0.012 U	0.013 U
Vinyl Chloride	1,200	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
m,p-Xylene	420	0.0097 U	0.028	0.0072 U	0.012 U	0.11
o-Xylene	410	0.0097 U	0.025	0.0096	0.012 U	0.12
Subtotal:		0.5	0.8	0.3	0.6	1.0

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-chloroethyl)ether	3,300	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	0.37 U	0.49	0.38 U	0.38 U
4-Bromophenyl phenyl ether	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Butyl benzyl phthalate	930	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Carbazole	--	0.37 U	0.52	2.9	0.67	2.2
4-Chloro-3-methylphenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chloronaphthalene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	53,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dibenzofuran	--	0.37 U	0.37 U	0.36 U	0.38 U	0.4
1,2-Dichlorobenzene	560	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,3-Dichlorobenzene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,4-Dichlorobenzene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
3,3´-Dichlorobenzidine	--	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4-Dichlorophenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Diethyl phthalate	2,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dimethyl phthalate	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-butyl phthalate	2,300	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4-Dimethylphenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrotoluene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,6-Dinitrotoluene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-octyl phthalate	10,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobenzene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobutadiene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachloroethane	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Isophorone	4,600	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	--	0.37 U	0.85	0.57	0.54	2.7
2-Methylphenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Methylphenol	--	0.37 U	0.56	0.36 U	0.38 U	0.38 U
2-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
3-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Nitrobenzene	1,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Nitrophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitrophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
N-Nitrosodiphenylamine	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.015 U	0.016 U	0.016 U
Pentachlorophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Phenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,2,4-Trichlorobenzene	3,200	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4,5-Trichlorophenol	--	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4,6-Trichlorophenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Subtotal:		29.6	30.4	31.2	30.4	34.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.037	0.45	0.69	0.84	1.4
Acenaphthylene	--	0.032	1.2	0.32	1.3	0.59
Anthracene	--	0.27	1.5	0.75	1.1	1.7
Benzo(a)anthracene	--	0.34	3.5	2.5	3	3.3
Benzo(b)fluoranthene	--	0.44	2.2	1.8	1.9	2
Benzo(k)fluoranthene	--	0.44	2.7	1.6	2.5	2.4
Benzo(g,h,i)perylene	--	0.31	2	0.94	1.2	1.4
Benzo(a)pyrene	--	0.32	3.1	2.3	3.3	3.3
Chrysene	--	0.71	4.1	2.5	3.5	4.2
Dibenzo(a,h)anthracene	--	0.16	0.81	0.39	0.55	0.71
Fluoranthene	--	1.4	6.2	4.1	4.3	7.2
Fluorene	--	0.067	0.63	0.65	0.77	1.5
Indeno(1,2,3-cd)pyrene	--	0.31	2	0.93	1.3	1.6
Naphthalene	--	0.36	0.84	0.75	0.22	4.2
Phenanthrene	--	0.64	3.8	3.7	2.9	7
Pyrene	--	1.5	8.6	4.5	6.6	6.1
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1221	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1232	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1242	--	0.09 U	0.094	0.4	0.092 U	0.29
Aroclor 1248	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1254	--	0.18 U	0.18 U	0.33	0.19 U	0.29
Aroclor 1260	--	0.18 U	0.18 U	0.16 U	0.19 U	0.18 U
Subtotal of PCBs:	50*	0.8	0.8	1.2	0.8	1.1
Subtotal:		8.1	44.4	29.6	36.1	49.7
Total Organic Content:	6000**	38	76	61	67	85

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP10-001 0-2	SP11-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	10,000	0.06 U	0.047 U	0.062	0.23 J	0.057 U
Benzene	870	0.012 U	0.0095 U	0.0092	15 J	0.011 U
Bromodichloromethane	3,000	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Bromoform	1,900	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Bromomethane	3,200	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
2-Butanone	--	0.024 U	0.019 U	0.015 U	0.056 J	0.023 U
Carbon Disulfide	720	0.04	0.0095 U	0.0074 U	0.014 U	0.011 U
Carbon Tetrachloride	1,100	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Chlorobenzene	680	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Chloroethane	--	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
Chloroform	2,900	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Chloromethane	--	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Dibromochloromethane	1,300	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,1-Dichloroethane	1,700	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,2-Dichloroethane	1,800	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,1-Dichloroethene	1,500	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
cis-1,2-Dichloroethene	--	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
trans-1,2-Dichloroethene	--	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,2-Dichloropropane	1,100	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
cis-1,3-Dichloropropene	1,400	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
trans-1,3-Dichloropropene	1,400	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Ethylbenzene	400	0.013	0.0095 U	0.014	67 J	0.011 U
2-Hexanone	--	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
4-Methyl-2-Pentanone	--	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
Methylene	2,400	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
Styrene	1,500	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Tetrachloroethene	240	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Toluene	650	0.012	0.0095 U	0.0087	28 J	0.011 U
1,1,1-Trichloroethane	1,200	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
1,1,2-Trichloroethane	1,800	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Trichloroethene	1,300	0.012 U	0.0095 U	0.0074 U	0.014 U	0.011 U
Vinyl Chloride	1,200	0.024 U	0.019 U	0.015 U	0.028 U	0.023 U
m,p-Xylene	420	0.016	0.0095 U	0.021	53 J	0.011 U
o-Xylene	410	0.012 U	0.0095 U	0.014	31 J	0.011 U
Subtotal:		0.6	0.4	0.4	194.8	0.5

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP10-001 0-2	SP11-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Bis(2-chloroethyl)ether	3,300	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	2.9	2.1	1.7 U	1.1
4-Bromophenyl phenyl ether	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Butyl benzyl phthalate	930	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Carbazole	--	0.47	0.41 U	1.1	1.7 U	0.38 U
4-Chloro-3-methylphenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
4-Chloroaniline	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2-Chloronaphthalene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2-Chlorophenol	53,000	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Dibenzofuran	--	0.37 U	0.41 U	2	61	0.38 U
1,2-Dichlorobenzene	560	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
1,3-Dichlorobenzene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
1,4-Dichlorobenzene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
3,3´-Dichlorobenzidine	--	0.74 U	0.81 U	0.72 U	3.5 U	0.76 U
2,4-Dichlorophenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Diethyl phthalate	2,000	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Dimethyl phthalate	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Di-n-butyl phthalate	2,300	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2,4-Dimethylphenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
2,4-Dinitrophenol	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
2,4-Dinitrotoluene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2,6-Dinitrotoluene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Di-n-octyl phthalate	10,000	0.37 U	0.71	0.36 U	1.7 U	0.38 U
Hexachlorobenzene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Hexachlorobutadiene	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Hexachloroethane	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Isophorone	4,600	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2-Methylnaphthalene	--	0.4	0.41 U	27	1200	1.1
2-Methylphenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
4-Methylphenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2-Nitroaniline	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
3-Nitroaniline	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
4-Nitroaniline	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
Nitrobenzene	1,000	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2-Nitrophenol	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
4-Nitrophenol	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
N-Nitrosodiphenylamine	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.017 U	0.015 U	0.074 U	0.016 U
Pentachlorophenol	--	1.8 U	2 U	1.8 U	8.4 U	1.8 U
Phenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
1,2,4-Trichlorobenzene	3,200	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
2,4,5-Trichlorophenol	--	0.74 U	0.81 U	0.72 U	3.5 U	0.76 U
2,4,6-Trichlorophenol	--	0.37 U	0.41 U	0.36 U	1.7 U	0.38 U
Subtotal:		29.7	35.6	59.9	1,394.8	31.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP10-001 0-2	SP11-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	0.28 U	0.031 U	2.4	260	1.1
Acenaphthylene	--	0.39	0.28	1.9	170	0.86
Anthracene	--	0.54	0.4	7.1	150	2.5
Benzo(a)anthracene	--	1.5	1.4	1.6	44	0.9
Benzo(b)fluoranthene	--	1.3	1.2	3.5	20	1.7
Benzo(k)fluoranthene	--	0.98	0.9	3.4	18	1.6
Benzo(g,h,i)perylene	--	0.77	0.9	3.6	15	0.62
Benzo(a)pyrene	--	1.6	1.7	3.9	24	1.8
Chrysene	--	1.6	1.5	9	140	3.1
Dibenzo(a,h)anthracene	--	0.28 U	0.33	1.2	9.7	0.3
Fluoranthene	--	2.5	1.7	11	130	3.7
Fluorene	--	0.28 U	0.078	6.9	140	1.3
Indeno(1,2,3-cd)pyrene	--	0.71	0.83	2.6	16	0.44
Naphthalene	--	0.28	0.041	10	580	1.5
Phenanthrene	--	2.1	1	24	490	6.5
Pyrene	--	2.8	2.1	14	200	7.8
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.099 U	0.09 U	0.083 U	0.092 U
Aroclor 1221	--	0.091 U	0.099 U	0.09 U	0.083 U	0.092 U
Aroclor 1232	--	0.091 U	0.099 U	0.09 U	0.083 U	0.092 U
Aroclor 1242	--	1.5	0.37	3.9	0.15	0.49
Aroclor 1248	--	0.091 U	0.099 U	0.09 U	0.083 U	0.092 U
Aroclor 1254	--	0.91 U	0.28	3.3	0.17 U	0.45
Aroclor 1260	--	0.18 U	0.2 U	0.18 U	0.17 U	0.18 U
Subtotal of PCBs:	50*	3.0	1.2	7.7	0.8	1.5
Subtotal:		20.9	15.6	113.8	2,407.5	37.2
Total Organic Content:	6000**	51	52	174	3,997	69

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
TCL Volatiles (mg/kg)						
Acetone	10,000	0.062	0.051 U	0.037 U	0.053 U	0.06 U
Benzene	870	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromodichloromethane	3,000	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromoform	1,900	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Bromomethane	3,200	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
2-Butanone	--	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Carbon Disulfide	720	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Carbon Tetrachloride	1,100	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chlorobenzene	680	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chloroethane	--	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Chloroform	2,900	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Chloromethane	--	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Dibromochloromethane	1,300	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethane	1,700	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloroethane	1,800	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethene	1,500	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	--	0.012 U	0.01 U	0.0074 U	0.053	0.012 U
trans-1,2-Dichloroethene	--	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloropropane	1,100	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	1,400	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	1,400	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Ethylbenzene	400	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
2-Hexanone	--	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
4-Methyl-2-Pentanone	--	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Methylene	2,400	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
Styrene	1,500	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Tetrachloroethene	240	0.012 U	0.01 U	0.0074 U	0.1	0.012 U
Toluene	650	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,1-Trichloroethane	1,200	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
1,1,2-Trichloroethane	1,800	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Trichloroethene	1,300	0.012 U	0.01 U	0.0074 U	0.017	0.012 U
Vinyl Chloride	1,200	0.025 U	0.02 U	0.015 U	0.021 U	0.024 U
m,p-Xylene	420	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
o-Xylene	410	0.012 U	0.01 U	0.0074 U	0.011 U	0.012 U
Subtotal:		0.6	0.5	0.3	0.6	0.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Bis(2-chloroethyl)ether	3,300	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.36 U	0.49	0.58	1.6	0.94
4-Bromophenyl phenyl ether	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Butyl benzyl phthalate	930	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Carbazole	--	0.36 U	0.35 U	0.4 U	0.75	0.36 U
4-Chloro-3-methylphenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Chloroaniline	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Chloronaphthalene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Chlorophenol	53,000	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Dibenzofuran	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,2-Dichlorobenzene	560	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,3-Dichlorobenzene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,4-Dichlorobenzene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
3,3´-Dichlorobenzidine	--	0.73 U	0.71 U	0.81 U	0.73 U	0.73 U
2,4-Dichlorophenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Diethyl phthalate	2,000	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Dimethyl phthalate	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Di-n-butyl phthalate	2,300	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,4-Dimethylphenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
2,4-Dinitrophenol	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
2,4-Dinitrotoluene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,6-Dinitrotoluene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Di-n-octyl phthalate	10,000	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorobenzene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorobutadiene	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachlorocyclopentadiene	2,200	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Hexachloroethane	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Isophorone	4,600	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Methylnaphthalene	--	0.86	0.35 U	0.4 U	0.64	0.36 U
2-Methylphenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
4-Methylphenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Nitroaniline	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
3-Nitroaniline	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
4-Nitroaniline	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
Nitrobenzene	1,000	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2-Nitrophenol	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
4-Nitrophenol	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
N-Nitrosodiphenylamine	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.015 U	0.017 U	0.015 U	0.015 U
Pentachlorophenol	--	1.8 U	1.7 U	2 U	1.8 U	1.8 U
Phenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	3,200	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	--	0.73 U	0.71 U	0.81 U	0.73 U	0.73 U
2,4,6-Trichlorophenol	--	0.36 U	0.35 U	0.4 U	0.36 U	0.36 U
Subtotal:		29.7	28.1	32.6	31.1	29.8

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 1-2	SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2
PAHs (mg/kg)						
Acenaphthene	--	0.16	0.15	0.031 U	0.5	0.036
Acenaphthylene	--	0.069	0.18	0.13	0.15	0.049
Anthracene	--	0.13	0.25	0.031 U	0.81	0.21
Benzo(a)anthracene	--	0.037	3.5	0.15	0.36	0.089
Benzo(b)fluoranthene	--	0.13	1.8	0.13	0.92	0.15
Benzo(k)fluoranthene	--	0.11	1.6	0.13	1.1	0.12
Benzo(g,h,i)perylene	--	0.2	0.66	0.17	0.81	0.034
Benzo(a)pyrene	--	0.094	3	0.2	0.75	0.069
Chrysene	--	0.26	3.2	0.21	2.3	0.087
Dibenzo(a,h)anthracene	--	0.084	0.35	0.057	0.28	0.028 U
Fluoranthene	--	0.21	4.2	0.24	1.8	0.12
Fluorene	--	0.15	0.15	0.031 U	0.44	0.046
Indeno(1,2,3-cd)pyrene	--	0.14	0.67	0.14	0.54	0.034
Naphthalene	--	0.83	0.19	0.031 U	0.64	0.051
Phenanthrene	--	0.34	0.3	0.17	2.2	0.21
Pyrene	--	0.28	11	0.33	2.7	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1221	--	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1232	--	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1242	--	0.98	0.12	0.22	4.7	0.15
Aroclor 1248	--	0.09 U	0.085 U	0.096 U	0.088 U	0.088 U
Aroclor 1254	--	0.9 U	0.17 U	0.2 U	4.3	0.18 U
Aroclor 1260	--	0.18 U	0.17 U	0.2 U	0.18 U	0.18 U
Subtotal of PCBs:	50*	2.4	0.8	1.0	9.5	0.9
Subtotal:		5.6	32.0	3.2	25.8	2.4
Total Organic Content:	6000**	36	61	36	58	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
TCL Volatiles (mg/kg)						
Acetone	10,000	0.062 U	0.05	0.12	0.036	0.11 J
Benzene	870	0.012 U	0.039	0.0084 U	0.077	13
Bromodichloromethane	3,000	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Bromoform	1,900	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Bromomethane	3,200	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
2-Butanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Carbon Disulfide	720	0.012 U	0.0081 U	0.011	0.0065 U	0.034 J
Carbon Tetrachloride	1,100	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chlorobenzene	680	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chloroethane	--	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Chloroform	2,900	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Chloromethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Dibromochloromethane	1,300	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1-Dichloroethane	1,700	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,2-Dichloroethane	1,800	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1-Dichloroethene	1,500	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
cis-1,2-Dichloroethene	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
trans-1,2-Dichloroethene	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,2-Dichloropropane	1,100	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
cis-1,3-Dichloropropene	1,400	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
trans-1,3-Dichloropropene	1,400	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Ethylbenzene	400	0.012 U	0.22	0.014	0.12	120
2-Hexanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
4-Methyl-2-Pentanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Methylene	2,400	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
Styrene	1,500	0.012 U	0.0081 U	0.0084 U	0.0065 U	15
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Tetrachloroethene	240	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Toluene	650	0.012 U	0.064	0.0097	0.018	74
1,1,1-Trichloroethane	1,200	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
1,1,2-Trichloroethane	1,800	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Trichloroethene	1,300	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0085 UJ
Vinyl Chloride	1,200	0.025 U	0.016 U	0.017 U	0.013 U	0.017 UJ
m,p-Xylene	420	0.012 U	0.2	0.031	0.034	180
o-Xylene	410	0.012 U	0.12	0.011	0.036	110
Subtotal:		0.6	1.0	0.5	0.6	512.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Bis(2-chloroethyl)ether	3,300	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Bis(2-ethylhexyl)phthalate	31,000	1.2	0.63	2.7	0.59 J	1.8 U
4-Bromophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Butyl benzyl phthalate	930	0.35 U	0.36 U	0.58	0.38 U	1.8 U
Carbazole	--	0.35 U	3.2	0.53	0.91 J	7.3 J
4-Chloro-3-methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Chloroaniline	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Chloronaphthalene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Chlorophenol	53,000	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Dibenzofuran	--	0.35 U	0.94	0.38 U	0.9 J	45 J
1,2-Dichlorobenzene	560	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,3-Dichlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,4-Dichlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
3,3´-Dichlorobenzidine	--	0.7 U	0.72 U	0.75 U	0.75 U	3.7 U
2,4-Dichlorophenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Diethyl phthalate	2,000	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Dimethyl phthalate	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Di-n-butyl phthalate	2,300	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,4-Dimethylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
2,4-Dinitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
2,4-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,6-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Di-n-octyl phthalate	10,000	1.6	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorobutadiene	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachlorocyclopentadiene	2,200	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Hexachloroethane	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Isophorone	4,600	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Methylnaphthalene	--	0.47	20	0.59	2.3 J	920 J
2-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
4-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
3-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
4-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
Nitrobenzene	1,000	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
4-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
N-Nitrosodi-n-propylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
N-Nitrosodiphenylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.015 U	0.016 U	0.38 U	1.8 U
Pentachlorophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	8.9 U
Phenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
1,2,4-Trichlorobenzene	3,200	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
2,4,5-Trichlorophenol	--	0.7 U	0.72 U	0.75 U	0.75 U	3.7 U
2,4,6-Trichlorophenol	--	0.35 U	0.36 U	0.38 U	0.38 U	1.8 U
Subtotal:		30.2	51.7	32.9	33.5	1,113.9

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.19	3.1	0.31	3.3 J	110 J
Acenaphthylene	--	0.12	2.3	0.19	2.5 J	68 J
Anthracene	--	0.67	3.1	0.78	5 J	94 J
Benzo(a)anthracene	--	0.31	1.4	0.26	1.6 J	18 J
Benzo(b)fluoranthene	--	0.57	3.4	2	3.1 J	15 J
Benzo(k)fluoranthene	--	0.6	3	1.9	3.5 J	17 J
Benzo(g,h,i)perylene	--	0.8	3	0.89	3.7 J	12 J
Benzo(a)pyrene	--	0.41	2.7	0.67	4 J	14 U
Chrysene	--	1.7	5.4	1.4	5.6 J	95 J
Dibenzo(a,h)anthracene	--	0.25	1.3	0.3	1.1 J	4.8 J
Fluoranthene	--	1.2	7.4	2.4	8.1 J	72 J
Fluorene	--	0.3	3.2	0.31	3.6 J	130 J
Indeno(1,2,3-cd)pyrene	--	0.52	2.5	0.62	2.5 J	8.7 J
Naphthalene	--	0.42	13	0.47	2.4 J	600 J
Phenanthrene	--	1.9	9.7	2.5	13 J	350 J
Pyrene	--	1.8	8.9	1.9	14 J	150 J
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1221	--	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1232	--	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1242	--	1.9	0.55	1.3	0.1	0.13
Aroclor 1248	--	0.085 U	0.087 U	0.091 U	0.091 U	0.089 U
Aroclor 1254	--	1.6	0.52	0.91 U	0.18 U	0.18 U
Aroclor 1260	--	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U
Subtotal of PCBs:	50*	4.0	1.6	2.8	0.8	0.8
Subtotal:		15.8	75.0	19.7	77.8	1,759.3
Total Organic Content:	6000**	47	128	53	112	3,386

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(5) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
TCL Volatiles (mg/kg)						
Acetone	10,000	0.056 U	0.056 U	0.12	0.093	0.03
Benzene	870	0.011 U	0.011 U	1.5	0.041	0.024
Bromodichloromethane	3,000	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Bromoform	1,900	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Bromomethane	3,200	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
2-Butanone	--	0.022 U	0.022 U	0.026	0.017 U	0.0084 U
Carbon Disulfide	720	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Carbon Tetrachloride	1,100	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chlorobenzene	680	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chloroethane	--	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Chloroform	2,900	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Chloromethane	--	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Dibromochloromethane	1,300	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1-Dichloroethane	1,700	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,2-Dichloroethane	1,800	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1-Dichloroethene	1,500	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
cis-1,2-Dichloroethene	--	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
trans-1,2-Dichloroethene	--	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,2-Dichloropropane	1,100	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
cis-1,3-Dichloropropene	1,400	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
trans-1,3-Dichloropropene	1,400	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Ethylbenzene	400	0.011 U	0.016	2.8	0.059	0.038
2-Hexanone	--	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Methylene	2,400	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
Styrene	1,500	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Tetrachloroethene	240	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Toluene	650	0.011 U	0.011 U	0.03	0.0087 U	0.032
1,1,1-Trichloroethane	1,200	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
1,1,2-Trichloroethane	1,800	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Trichloroethene	1,300	0.011 U	0.011 U	0.0091 U	0.0087 U	0.0042 U
Vinyl Chloride	1,200	0.022 U	0.022 U	0.018 U	0.017 U	0.0084 U
m,p-Xylene	420	0.011 U	0.011 U	0.068	0.012	0.047
o-Xylene	410	0.011 U	0.011 U	0.72	0.015	0.029
Subtotal:		0.5	0.5	5.6	0.5	0.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Bis(2-chloroethyl)ether	3,300	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Bis(2-ethylhexyl)phthalate	31,000	2.1	1.7 U	0.36 U	0.45	0.33 U
4-Bromophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Butyl benzyl phthalate	930	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Carbazole	--	1.8 U	4.1	1.9	0.39 U	0.33 U
4-Chloro-3-methylphenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Chloroaniline	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Chloronaphthalene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Chlorophenol	53,000	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Chlorophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Dibenzofuran	--	1.8 U	1.7 U	0.84	0.5	0.33 U
1,2-Dichlorobenzene	560	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
1,3-Dichlorobenzene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
1,4-Dichlorobenzene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
3,3´-Dichlorobenzidine	--	3.7 U	3.5 U	0.72 U	0.78 U	0.33 U
2,4-Dichlorophenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Diethyl phthalate	2,000	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Dimethyl phthalate	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Di-n-butyl phthalate	2,300	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,4-Dimethylphenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4,6-Dinitro-2-methylphenol	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
2,4-Dinitrophenol	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
2,4-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,6-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Di-n-octyl phthalate	10,000	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorobenzene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorobutadiene	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachlorocyclopentadiene	2,200	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Hexachloroethane	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Isophorone	4,600	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Methylnaphthalene	--	1.8 U	1.7 U	4.1	1.1	0.33 U
2-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
4-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Nitroaniline	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
3-Nitroaniline	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
4-Nitroaniline	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
Nitrobenzene	1,000	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2-Nitrophenol	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
4-Nitrophenol	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
N-Nitrosodi-n-propylamine	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
N-Nitrosodiphenylamine	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2, 2'-Oxybis(1-Chloropropane)	--	0.078 U	0.073 U	0.015 U	0.39 U	0.33 U
Pentachlorophenol	--	8.9 U	8.4 U	1.7 U	1.9 U	1.7 U
Phenol	--	1.8 U	1.7 U	0.36 U	0.39 U	15
1,2,4-Trichlorobenzene	3,200	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
2,4,5-Trichlorophenol	--	3.7 U	3.5 U	0.72 U	0.78 U	0.66 U
2,4,6-Trichlorophenol	--	1.8 U	1.7 U	0.36 U	0.39 U	0.33 U
Subtotal:		145.6	139.6	34.1	32.5	41.8

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB28-001 2-3	SB31-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	2.1	0.63	8.3	1.7	0.44
Acenaphthylene	--	5	0.34	6.1	1.4	0.13 U
Anthracene	--	4.1	2.1	8.1	3.5	0.7
Benzo(a)anthracene	--	5.9	0.29	8	1.1	0.2
Benzo(b)fluoranthene	--	3.1	1.5	4	1.8	0.84
Benzo(k)fluoranthene	--	3.2	1.3	3.3	1.9	0.48
Benzo(g,h,i)perylene	--	1.6	1.5	2.3	3	1.5
Benzo(a)pyrene	--	5	1.7	5.1	2.6	0.91
Chrysene	--	6.6	3.6	9.1	3.8	1.5
Dibenzo(a,h)anthracene	--	1.4 U	0.72	0.84	0.89	0.13 U
Fluoranthene	--	9.4	6.4	16	0.051	0.67
Fluorene	--	2.4	0.67	7	1.1	0.53
Indeno(1,2,3-cd)pyrene	--	1.4 U	1.4	2.1	1.9	1.1
Naphthalene	--	1.8	0.65	6.7	1.4	0.68
Phenanthrene	--	10	5.4	30	0.038	2
Pyrene	--	14	7	24	0.097	1.1
PCBs (mg/kg)						
Aroclor 1016	--	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1221	--	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1232	--	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1242	--	0.95	1.1	0.086 U	0.34	3.7
Aroclor 1248	--	0.089 U	0.087 U	0.086 U	0.093 U	0.083 U
Aroclor 1254	--	0.72	0.9	0.17 U	0.2	1.8
Aroclor 1260	--	0.18 U	0.17 U	0.17 U	0.19 U	0.17 U
Subtotal of PCBs:	50*	2.2	2.5	0.8	1.1	6.0
Subtotal:		79.2	37.7	141.7	27.4	18.9
Total Organic Content:	6000**	225	178	181	60	61

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Volatiles (mg/kg)						
Acetone	10,000	0.067 U	0.042 U	0.041 U	0.14	0.044 U
Benzene	870	5.2	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromodichloromethane	3,000	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromoform	1,900	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromomethane	3,200	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
2-Butanone	--	0.027 U	0.017 U	0.017 U	0.015	0.018 U
Carbon Disulfide	720	0.013 U	0.0084 U	0.0083 U	0.013	0.0088 U
Carbon Tetrachloride	1,100	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chlorobenzene	680	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloroethane	--	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Chloroform	2,900	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloromethane	--	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Dibromochloromethane	1,300	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethane	1,700	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloroethane	1,800	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethene	1,500	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,2-Dichloroethene	--	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,2-Dichloroethene	--	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloropropane	1,100	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,3-Dichloropropene	1,400	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,3-Dichloropropene	1,400	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Ethylbenzene	400	1.5	0.01	0.015	0.0071 U	0.0088 U
2-Hexanone	--	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
4-Methyl-2-Pentanone	--	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Methylene	2,400	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
Styrene	1,500	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Tetrachloroethene	240	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Toluene	650	0.77	0.0084 U	0.013	0.0071 U	0.0088 U
1,1,1-Trichloroethane	1,200	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2-Trichloroethane	1,800	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Trichloroethene	1,300	0.013 U	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Vinyl Chloride	1,200	0.027 U	0.017 U	0.017 U	0.014 U	0.018 U
m,p-Xylene	420	0.62	0.0084 U	0.043	0.0071 U	0.0088 U
o-Xylene	410	0.47	0.0084 U	0.033	0.0071 U	0.0088 U
Subtotal:		9.1	0.4	0.5	0.4	0.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Bis(2-chloroethyl)ether	3,300	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Bis(2-ethylhexyl)phthalate	31,000	0.99	2 U	2	5.6	0.42 U
4-Bromophenyl phenyl ether	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Butyl benzyl phthalate	930	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Carbazole	--	0.46	2 U	1.8 U	0.47	0.67
4-Chloro-3-methylphenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Chloroaniline	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Chloronaphthalene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Chlorophenol	53,000	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Dibenzofuran	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,2-Dichlorobenzene	560	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,3-Dichlorobenzene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,4-Dichlorobenzene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
3,3´-Dichlorobenzidine	--	0.66 U	4.1 U	3.5 U	0.71 U	0.85 U
2,4-Dichlorophenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Diethyl phthalate	2,000	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Dimethyl phthalate	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Di-n-butyl phthalate	2,300	0.33 U	6.3	1.8 U	0.36 U	0.42 U
2,4-Dimethylphenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrophenol	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrotoluene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2,6-Dinitrotoluene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Di-n-octyl phthalate	10,000	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobenzene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobutadiene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachlorocyclopentadiene	2,200	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Hexachloroethane	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Isophorone	4,600	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Methylnaphthalene	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Methylphenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
4-Methylphenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Nitroaniline	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
3-Nitroaniline	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitroaniline	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
Nitrobenzene	1,000	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2-Nitrophenol	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitrophenol	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
N-Nitrosodi-n-propylamine	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
N-Nitrosodiphenylamine	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2, 2'-Oxybis(1-Chloropropane)	--	0.014 U	0.087 U	0.075 U	0.015 U	0.018 U
Pentachlorophenol	--	1.6 U	9.9 U	8.6 U	1.7 U	2.1 U
Phenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
1,2,4-Trichlorobenzene	3,200	0.33 U	2 U	1.8 U	0.36 U	0.42 U
2,4,5-Trichlorophenol	--	0.66 U	4.1 U	3.5 U	0.71 U	0.85 U
2,4,6-Trichlorophenol	--	0.33 U	2 U	1.8 U	0.36 U	0.42 U
Subtotal:		27.1	165.8	142.7	33.7	34.3

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
PAHs (mg/kg)						
Acenaphthene	--	0.8	1.5 U	0.13 U	0.11	0.13
Acenaphthylene	--	1.2	1.6	0.19	0.082	0.074
Anthracene	--	1.5	1.8	0.36	0.15	0.33
Benzo(a)anthracene	--	2.7	2.8	0.13 U	0.19	0.17
Benzo(b)fluoranthene	--	1.2	1.7	0.24	0.47	0.38
Benzo(k)fluoranthene	--	0.76	1.5 U	0.24	0.53	0.87
Benzo(g,h,i)perylene	--	0.61	1.5 U	0.57	0.57	0.35
Benzo(a)pyrene	--	1.7	1.8	0.13	0.33	0.32
Chrysene	--	2.5	3.2	0.75	0.71	1.1
Dibenzo(a,h)anthracene	--	0.25 U	1.5 U	0.13 U	0.076	0.19
Fluoranthene	--	3.4	3.7	0.21	0.55	2
Fluorene	--	1	1.5 U	0.13 U	0.086	0.12
Indeno(1,2,3-cd)pyrene	--	0.56	1.5 U	0.29	0.18	0.36
Naphthalene	--	0.25 U	2.1	0.38	0.16	0.18
Phenanthrene	--	3.8	4.1	1.3	0.7	1
Pyrene	--	4.6	5.5	0.36	0.63	2.1
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1221	--	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1232	--	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1242	--	1.3	2.5	0.87 U	8.5	0.1 U
Aroclor 1248	--	0.085 U	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1254	--	1.1	2.2	1.7 U	6	0.2 U
Aroclor 1260	--	0.17 U	0.18 U	1.7 U	0.17 U	0.2 U
Subtotal of PCBs:	50*	2.9	5.2	7.8	15.0	0.9
Subtotal:		29.7	42.5	13.3	20.5	10.6
Total Organic Content:	6000**	66	209	156	55	45

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	10,000	0.036 U	0.13	0.15	0.079 U	0.065
Benzene	870	0.0071 U	0.015 U	0.013 U	0.016 U	0.12
Bromodichloromethane	3,000	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Bromoform	1,900	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Bromomethane	3,200	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
2-Butanone	--	0.014 U	0.029 U	0.031	0.031 U	0.034
Carbon Disulfide	720	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Carbon Tetrachloride	1,100	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chlorobenzene	680	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chloroethane	--	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Chloroform	2,900	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Chloromethane	--	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Dibromochloromethane	1,300	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethane	1,700	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloroethane	1,800	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethene	1,500	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
cis-1,2-Dichloroethene	--	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
trans-1,2-Dichloroethene	--	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloropropane	1,100	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
cis-1,3-Dichloropropene	1,400	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
trans-1,3-Dichloropropene	1,400	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Ethylbenzene	400	0.0071 U	0.015 U	0.013 U	0.016 U	0.37
2-Hexanone	--	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
4-Methyl-2-Pentanone	--	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Methylene	2,400	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
Styrene	1,500	0.0071 U	0.015 U	0.013 U	0.016 U	0.014
1,1,2,2-Tetrachloroethane	--	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Tetrachloroethene	240	0.0071 U	0.015 U	0.013 U	0.023	0.0094 U
Toluene	650	0.008	0.015 U	0.013 U	0.016 U	0.025
1,1,1-Trichloroethane	1,200	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
1,1,2-Trichloroethane	1,800	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Trichloroethene	1,300	0.0071 U	0.015 U	0.013 U	0.016 U	0.0094 U
Vinyl Chloride	1,200	0.014 U	0.029 U	0.027 U	0.031 U	0.019 U
m,p-Xylene	420	0.0071 U	0.015 U	0.013 U	0.016 U	0.057
o-Xylene	410	0.0071 U	0.015 U	0.013 U	0.016 U	0.17
Subtotal:		0.3	0.7	0.7	0.7	1.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Bis(2-chloroethyl)ether	3,300	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Bis(2-ethylhexyl)phthalate	31,000	1.7 U	170	0.43 U	9.7	2.1
4-Bromophenyl phenyl ether	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Butyl benzyl phthalate	930	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Carbazole	--	1.7 U	1.9 U	0.43 U	1.9 U	0.87
4-Chloro-3-methylphenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Chloroaniline	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Chloronaphthalene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Chlorophenol	53,000	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Chlorophenyl phenyl ether	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Dibenzofuran	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,2-Dichlorobenzene	560	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,3-Dichlorobenzene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
1,4-Dichlorobenzene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
3,3´-Dichlorobenzidine	--	3.5 U	3.8 U	0.85 U	3.9 U	0.69 U
2,4-Dichlorophenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Diethyl phthalate	2,000	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Dimethyl phthalate	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Di-n-butyl phthalate	2,300	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,4-Dimethylphenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4,6-Dinitro-2-methylphenol	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrophenol	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrotoluene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,6-Dinitrotoluene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Di-n-octyl phthalate	10,000	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorobenzene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorobutadiene	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachlorocyclopentadiene	2,200	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Hexachloroethane	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Isophorone	4,600	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Methylnaphthalene	--	1.7 U	1.9 U	0.43 U	1.9 U	1.7
2-Methylphenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
4-Methylphenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Nitroaniline	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
3-Nitroaniline	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
4-Nitroaniline	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
Nitrobenzene	1,000	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2-Nitrophenol	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
4-Nitrophenol	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
N-Nitrosodi-n-propylamine	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
N-Nitrosodiphenylamine	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.074 U	0.08 U	0.018 U	0.082 U	0.015 U
Pentachlorophenol	--	8.4 U	9.1 U	2.1 U	9.4 U	1.7 U
Phenol	--	1.7 U	2.3	0.43 U	1.9 U	0.35 U
1,2,4-Trichlorobenzene	3,200	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
2,4,5-Trichlorophenol	--	3.5 U	3.8 U	0.85 U	3.9 U	0.69 U
2,4,6-Trichlorophenol	--	1.7 U	1.9 U	0.43 U	1.9 U	0.35 U
Subtotal:		137.2	319.3	34.4	161.2	31.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 16 (Continued)
Potential Source Material Calculations for Surface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-001 1-2	SP40-001 2-3	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	1.3 U	0.38	0.072	0.15 U	0.74
Acenaphthylene	--	1.3 U	0.47	0.17	0.15 U	0.65
Anthracene	--	1.3 U	0.45	0.032 U	0.16	1.9
Benzo(a)anthracene	--	1.3 U	0.14	0.045	0.15 U	2.5
Benzo(b)fluoranthene	--	1.3 U	1.8	0.12	0.78	2
Benzo(k)fluoranthene	--	1.3 U	1.5	0.098	0.81	1.9
Benzo(g,h,i)perylene	--	1.3 U	1.5	0.062	1.1	1.3
Benzo(a)pyrene	--	1.3 U	1.2	0.056	0.45	2.4
Chrysene	--	1.3 U	2.9	0.3	0.83	3.9
Dibenzo(a,h)anthracene	--	1.3 U	0.57	0.032 U	0.25	0.37
Fluoranthene	--	1.3 U	3.8	0.15	0.45	4.1
Fluorene	--	1.3 U	0.32	0.032 U	0.15 U	1.2
Indeno(1,2,3-cd)pyrene	--	1.3 U	0.98	0.043	0.69	0.94
Naphthalene	--	1.3 U	0.25	0.062	0.15 U	1.8
Phenanthrene	--	1.3	1.7	0.19	0.42	3.6
Pyrene	--	2	5	0.14	0.64	6.8
PCBs (mg/kg)						
Aroclor 1016	--	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1221	--	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1232	--	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1242	--	0.087 U	31	0.1 U	1.5	5.2 U
Aroclor 1248	--	0.087 U	0.094 U	0.1 U	0.094 U	0.084 U
Aroclor 1254	--	0.17 U	24	0.21 U	1	5.2 U
Aroclor 1260	--	0.17 U	0.19 U	0.21 U	0.19 U	0.17 U
Subtotal of PCBs:	50*	0.8	55.6	0.9	3.1	10.9
Subtotal:		22.3	78.5	2.5	10.4	47.0
Total Organic Content:	6000**	160	399	38	172	80

NOTES:
(1) -- Soil saturation limits not available.
(2) Shaded value exceeds the soil attenuation capacity.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(5) ** 6,000 mg/kg is the natural organic carbon fraction (foc) default value for surface soil.

Table 17
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
TCL Volatiles (mg/kg)						
Acetone	10,000	0.041 U	0.091	0.32	0.061 U	0.061
Benzene	870	0.0082 U	0.015	0.017 U	0.012 U	0.012 U
Bromodichloromethane	3,000	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Bromoform	1,900	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Bromomethane	3,200	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
2-Butanone	--	0.016 U	0.02	0.072	0.025 U	0.023 U
Carbon Disulfide	720	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Carbon Tetrachloride	1,100	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chlorobenzene	680	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chloroethane	--	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Chloroform	2,900	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Chloromethane	--	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Dibromochloromethane	1,300	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1-Dichloroethane	1,700	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,2-Dichloroethane	1,800	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1-Dichloroethene	1,500	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	--	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	--	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,2-Dichloropropane	1,100	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	1,400	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	1,400	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Ethylbenzene	400	0.0082 U	0.049	0.017 U	0.012 U	0.012 U
2-Hexanone	--	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
4-Methyl-2-Pentanone	--	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Methylene	2,400	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
Styrene	1,500	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Tetrachloroethene	240	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Toluene	650	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,1-Trichloroethane	1,200	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
1,1,2-Trichloroethane	1,800	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Trichloroethene	1,300	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
Vinyl Chloride	1,200	0.016 U	0.016 U	0.034 U	0.025 U	0.023 U
m,p-Xylene	420	0.0082 U	0.0081 U	0.017 U	0.012 U	0.012 U
o-Xylene	410	0.0082 U	0.012	0.017 U	0.012 U	0.012 U
Subtotal:		0.4	0.5	1.1	0.6	0.5

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Bis(2-chloroethyl)ether	3,300	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.45	0.38 U	0.44 U	1.1	0.39 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Butyl benzyl phthalate	930	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Carbazole	--	0.38 U	0.47	0.44 U	0.41 U	0.39 U
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Chloroaniline	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Chlorophenol	53,000	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Dibenzofuran	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,2-Dichlorobenzene	560	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,4-Dichlorobenzene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
3,3´-Dichlorobenzidine	--	0.76 U	0.75 U	0.89 U	0.82 U	0.78 U
2,4-Dichlorophenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Diethyl phthalate	2,000	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Di-n-butyl phthalate	2,300	0.38 U	0.38 U	0.44 U	0.45	0.39 U
2,4-Dimethylphenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
2,4-Dinitrophenol	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
2,4-Dinitrotoluene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2,6-Dinitrotoluene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Di-n-octyl phthalate	10,000	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorobenzene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Hexachloroethane	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Isophorone	4,600	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Methylnaphthalene	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Methylphenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
4-Methylphenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Nitroaniline	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
3-Nitroaniline	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
4-Nitroaniline	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
Nitrobenzene	1,000	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2-Nitrophenol	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
4-Nitrophenol	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
N-Nitrosodiphenylamine	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.019 U	0.017 U	0.017 U
Pentachlorophenol	--	1.8 U	1.8 U	2.1 U	2 U	1.9 U
Phenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
2,4,5-Trichlorophenol	--	0.76 U	0.75 U	0.89 U	0.82 U	0.78 U
2,4,6-Trichlorophenol	--	0.38 U	0.38 U	0.44 U	0.41 U	0.39 U
Subtotal:		30.1	30.1	34.9	33.6	31.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-002 8-10	SP02-002 3-4	SP03-002 4-5	SB04-001 5-7	SP05-002 9-10
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.19	0.034 U	0.17	0.03 U
Acenaphthylene	--	0.029 U	0.13	0.034 U	0.13	0.03 U
Anthracene	--	0.16	0.3	0.034 U	0.7	0.03 U
Benzo(a)anthracene	--	0.34	0.43	0.034 U	0.78	0.03 U
Benzo(b)fluoranthene	--	0.32	0.36	0.034 U	1.1	0.03 U
Benzo(k)fluoranthene	--	0.26	0.39	0.034 U	0.91	0.03 U
Benzo(g,h,i)perylene	--	0.23	0.48	0.034 U	1.2	0.03 U
Benzo(a)pyrene	--	0.21	0.52	0.034 U	0.75	0.03 U
Chrysene	--	0.67	0.62	0.034 U	1.7	0.03 U
Dibenzo(a,h)anthracene	--	0.099	0.13	0.034 U	0.41	0.03 U
Fluoranthene	--	1.1	0.85	0.034 U	2.4	0.03 U
Fluorene	--	0.029 U	0.21	0.034 U	0.31	0.03 U
Indeno(1,2,3-cd)pyrene	--	0.2	0.35	0.034 U	0.74	0.03 U
Naphthalene	--	0.044	0.28	0.034 U	0.15	0.03 U
Phenanthrene	--	0.35	1	0.034 U	1.5	0.03 U
Pyrene	--	1.2	1.1	0.034 U	3.4	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1221	--	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1232	--	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1242	--	0.093 U	0.09 U	0.1 U	5.8	0.095 U
Aroclor 1248	--	0.093 U	0.09 U	0.1 U	0.096 U	0.095 U
Aroclor 1254	--	0.19 U	0.18 U	0.2 U	3.4	0.19 U
Aroclor 1260	--	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U
Subtotal of PCBs:	50*	0.8	0.8	0.9	9.8	0.9
Subtotal:		6.1	8.2	1.4	26.1	1.3
Total Organic Content:	2000**	37	39	37	60	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
TCL Volatiles (mg/kg)						
Acetone	10,000	0.16	0.092 U	0.068 U	0.046 U	0.097
Benzene	870	0.78	0.056	0.014 U	0.0093 U	0.011 U
Bromodichloromethane	3,000	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Bromoform	1,900	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Bromomethane	3,200	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
2-Butanone	--	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Carbon Disulfide	720	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Carbon Tetrachloride	1,100	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chlorobenzene	680	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chloroethane	--	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Chloroform	2,900	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Chloromethane	--	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Dibromochloromethane	1,300	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1-Dichloroethane	1,700	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,2-Dichloroethane	1,800	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1-Dichloroethene	1,500	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
cis-1,2-Dichloroethene	--	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
trans-1,2-Dichloroethene	--	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,2-Dichloropropane	1,100	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
cis-1,3-Dichloropropene	1,400	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
trans-1,3-Dichloropropene	1,400	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Ethylbenzene	400	3	0.38	0.014 U	0.0093 U	0.011 U
2-Hexanone	--	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
4-Methyl-2-Pentanone	--	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Methylene	2,400	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
Styrene	1,500	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Tetrachloroethene	240	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Toluene	650	0.79	0.044	0.014 U	0.0093 U	0.011 U
1,1,1-Trichloroethane	1,200	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
1,1,2-Trichloroethane	1,800	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Trichloroethene	1,300	0.025 U	0.018 U	0.014 U	0.0093 U	0.011 U
Vinyl Chloride	1,200	0.05 U	0.037 U	0.027 U	0.019 U	0.022 U
m,p-Xylene	420	3	0.098	0.014 U	0.0093 U	0.011 U
o-Xylene	410	2	0.17	0.014 U	0.0093 U	0.011 U
Subtotal:		10.6	1.5	0.6	0.4	0.5

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Bis(2-chloroethyl)ether	3,300	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Bromophenyl phenyl ether	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Butyl benzyl phthalate	930	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Carbazole	--	0.39 U	1.4	0.38 U	0.39 U	0.4 U
4-Chloro-3-methylphenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Chloroaniline	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Chloronaphthalene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Chlorophenol	53,000	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Dibenzofuran	--	1.3	1.6	0.38 U	0.39 U	0.4 U
1,2-Dichlorobenzene	560	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,3-Dichlorobenzene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,4-Dichlorobenzene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
3,3´-Dichlorobenzidine	--	0.78 U	2.2 U	0.76 U	0.79 U	0.8 U
2,4-Dichlorophenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Diethyl phthalate	2,000	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Dimethyl phthalate	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Di-n-butyl phthalate	2,300	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,4-Dimethylphenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,6-Dinitrotoluene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Di-n-octyl phthalate	10,000	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorobenzene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorobutadiene	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachlorocyclopentadiene	2,200	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Hexachloroethane	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Isophorone	4,600	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Methylnaphthalene	--	20	17	0.38 U	0.39 U	0.4 U
2-Methylphenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
4-Methylphenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Nitroaniline	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2-Nitrophenol	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
N-Nitrosodiphenylamine	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.046 U	0.016 U	0.017 U	0.017 U
Pentachlorophenol	--	1.9 U	5.2 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
2,4,5-Trichlorophenol	--	0.78 U	2.2 U	0.76 U	0.79 U	0.8 U
2,4,6-Trichlorophenol	--	0.39 U	1.1 U	0.38 U	0.39 U	0.4 U
Subtotal:		51.7	103.4	30.8	31.2	31.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-002 9-10	SP07-003 16-17	SP08-002 7-8
PAHs (mg/kg)						
Acenaphthene	--	10	4.5	0.029 U	0.03 U	0.003 U
Acenaphthylene	--	2	4.2	0.029 U	0.03 U	0.0052
Anthracene	--	9.6	4.9	0.029 U	0.03 U	0.011
Benzo(a)anthracene	--	3.9	4.2	0.029 U	0.03 U	0.029
Benzo(b)fluoranthene	--	1.1	1.3	0.029 U	0.03 U	0.035
Benzo(k)fluoranthene	--	0.89	1.1	0.029 U	0.03 U	0.027
Benzo(g,h,i)perylene	--	1.2	0.82 U	0.029 U	0.03 U	0.015
Benzo(a)pyrene	--	2.7	0.97	0.029 U	0.03 U	0.031
Chrysene	--	5.1	4.3	0.029 U	0.03 U	0.035
Dibenzo(a,h)anthracene	--	0.52	0.82 U	0.029 U	0.03 U	0.006
Fluoranthene	--	9.1	6.8	0.029 U	0.03 U	0.043
Fluorene	--	10	6.5	0.029 U	0.03 U	0.0052
Indeno(1,2,3-cd)pyrene	--	1.2	0.82 U	0.029 U	0.03 U	0.014
Naphthalene	--	27	13	0.029 U	0.03 U	0.004
Phenanthrene	--	34	21	0.029 U	0.03 U	0.032
Pyrene	--	15	10	0.029 U	0.03 U	0.056
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1221	--	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1232	--	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1242	--	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1248	--	0.094 U	0.09 U	0.09 U	0.096 U	0.098 U
Aroclor 1254	--	0.19 U	0.18 U	0.18 U	0.19 U	0.2 U
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.19 U	0.2 U
Subtotal of PCBs:	50*	0.9	0.8	0.8	0.9	0.9
Subtotal:		134.2	86.0	1.3	1.3	1.2
Total Organic Content:	2000**	197	191	33	33	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
TCL Volatiles (mg/kg)						
Acetone	10,000	0.12	0.071 U	0.053 U	0.078	0.12
Benzene	870	0.19	3.6	0.92	0.013 U	0.012 U
Bromodichloromethane	3,000	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Bromoform	1,900	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Bromomethane	3,200	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
2-Butanone	--	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Carbon Disulfide	720	0.013	0.014 U	0.011 U	0.013 U	0.012 U
Carbon Tetrachloride	1,100	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chlorobenzene	680	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chloroethane	--	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Chloroform	2,900	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Chloromethane	--	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Dibromochloromethane	1,300	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1-Dichloroethane	1,700	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,2-Dichloroethane	1,800	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1-Dichloroethene	1,500	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
cis-1,2-Dichloroethene	--	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
trans-1,2-Dichloroethene	--	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,2-Dichloropropane	1,100	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
cis-1,3-Dichloropropene	1,400	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
trans-1,3-Dichloropropene	1,400	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Ethylbenzene	400	0.07	8.2	9	0.013 U	0.012 U
2-Hexanone	--	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
4-Methyl-2-Pentanone	--	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Methylene	2,400	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
Styrene	1,500	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Tetrachloroethene	240	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Toluene	650	0.011 U	0.014 U	0.6	0.013 U	0.012 U
1,1,1-Trichloroethane	1,200	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
1,1,2-Trichloroethane	1,800	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Trichloroethene	1,300	0.011 U	0.014 U	0.011 U	0.013 U	0.012 U
Vinyl Chloride	1,200	0.022 U	0.028 U	0.021 U	0.026 U	0.023 U
m,p-Xylene	420	0.013	5	3.8	0.013 U	0.012 U
o-Xylene	410	0.087	1.4	12	0.013 U	0.012 U
Subtotal:		0.9	18.8	26.8	0.6	0.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Bis(2-chloroethyl)ether	3,300	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.75	0.39 U	0.38 U	0.38 U	0.4 U
4-Bromophenyl phenyl ether	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Butyl benzyl phthalate	930	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Carbazole	--	3.7	0.39 U	0.38 U	0.38 U	0.4 U
4-Chloro-3-methylphenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Chloroaniline	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Chloronaphthalene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Chlorophenol	53,000	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Dibenzofuran	--	0.65	1.2	0.75	0.38 U	0.4 U
1,2-Dichlorobenzene	560	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,3-Dichlorobenzene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,4-Dichlorobenzene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
3,3´-Dichlorobenzidine	--	0.75 U	0.77 U	0.77 U	0.77 U	0.8 U
2,4-Dichlorophenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Diethyl phthalate	2,000	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Dimethyl phthalate	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Di-n-butyl phthalate	2,300	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,4-Dimethylphenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,6-Dinitrotoluene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Di-n-octyl phthalate	10,000	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorobenzene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorobutadiene	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachlorocyclopentadiene	2,200	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Hexachloroethane	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Isophorone	4,600	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Methylnaphthalene	--	0.37 U	23	20	0.42	0.53
2-Methylphenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
4-Methylphenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
N-Nitrosodiphenylamine	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.016 U	0.017 U
Pentachlorophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
2,4,5-Trichlorophenol	--	0.75 U	0.77 U	0.77 U	0.77 U	0.8 U
2,4,6-Trichlorophenol	--	0.37 U	0.39 U	0.38 U	0.38 U	0.4 U
Subtotal:		33.6	54.6	50.8	30.9	31.7

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB09-001 3-5	SP10-002 6-7	SP10-003 13-14	SP11-002 9-10	SP13-002 6-7
PAHs (mg/kg)						
Acenaphthene	--	0.51	8.6	5.5	0.046	0.056
Acenaphthylene	--	0.36	5.1	3.7	0.029 U	0.03 U
Anthracene	--	2.3	8.6	3.1	0.029 U	0.03 U
Benzo(a)anthracene	--	3.3	1.7	0.37	0.029 U	0.03 U
Benzo(b)fluoranthene	--	2.3	2.5	0.42	0.029 U	0.03 U
Benzo(k)fluoranthene	--	2.3	1.7	0.49	0.029 U	0.03 U
Benzo(g,h,i)perylene	--	0.74	1.6	0.51	0.029 U	0.03 U
Benzo(a)pyrene	--	1.6	2.2	0.45	0.029 U	0.03 U
Chrysene	--	3.8	11	2.2	0.032	0.03 U
Dibenzo(a,h)anthracene	--	0.31	0.59	0.13	0.029 U	0.03 U
Fluoranthene	--	5.3	6.8	1.8	0.037	0.03 U
Fluorene	--	0.92	6.7	3.8	0.029 U	0.03 U
Indeno(1,2,3-cd)pyrene	--	0.69	1.1	0.26	0.029 U	0.03 U
Naphthalene	--	0.52	18	27	0.73	0.99
Phenanthrene	--	5.2	26	9.3	0.092	0.04
Pyrene	--	5.1	14	3	0.063	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1221	--	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1232	--	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1242	--	0.39	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1248	--	0.088 U	0.094 U	0.09 U	0.094 U	0.097 U
Aroclor 1254	--	0.41	0.19 U	0.18 U	0.19 U	0.19 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
Subtotal of PCBs:	50*	1.3	0.9	0.8	0.9	0.9
Subtotal:		36.6	117.0	62.8	2.1	2.3
Total Organic Content:	2000**	71	190	140	34	35

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
TCL Volatiles (mg/kg)						
Acetone	10,000	0.055 U	0.078	0.051 U	0.1	0.1
Benzene	870	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromodichloromethane	3,000	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromoform	1,900	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Bromomethane	3,200	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
2-Butanone	--	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Carbon Disulfide	720	0.011 U	0.015 U	0.018	0.011 U	0.0098 U
Carbon Tetrachloride	1,100	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chlorobenzene	680	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chloroethane	--	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Chloroform	2,900	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Chloromethane	--	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Dibromochloromethane	1,300	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1-Dichloroethane	1,700	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,2-Dichloroethane	1,800	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1-Dichloroethene	1,500	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
cis-1,2-Dichloroethene	--	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
trans-1,2-Dichloroethene	--	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,2-Dichloropropane	1,100	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
cis-1,3-Dichloropropene	1,400	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
trans-1,3-Dichloropropene	1,400	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Ethylbenzene	400	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
2-Hexanone	--	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
4-Methyl-2-Pentanone	--	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Methylene	2,400	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
Styrene	1,500	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Tetrachloroethene	240	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Toluene	650	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,1-Trichloroethane	1,200	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
1,1,2-Trichloroethane	1,800	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Trichloroethene	1,300	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Vinyl Chloride	1,200	0.022 U	0.03 U	0.021 U	0.022 U	0.02 U
m,p-Xylene	420	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
o-Xylene	410	0.011 U	0.015 U	0.01 U	0.011 U	0.0098 U
Subtotal:		0.5	0.7	0.5	0.6	0.5

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Bis(2-chloroethyl)ether	3,300	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Carbazole	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chloroaniline	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Chlorophenol	53,000	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Dibenzofuran	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,2-Dichlorobenzene	560	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,4-Dichlorobenzene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
3,3´-Dichlorobenzidine	--	0.78 U	0.84 U	0.78 U	0.85 U	0.77 U
2,4-Dichlorophenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Diethyl phthalate	2,000	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,4-Dimethylphenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,6-Dinitrotoluene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorobenzene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Hexachloroethane	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Isophorone	4,600	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Methylnaphthalene	--	0.79	0.42 U	0.39 U	0.42 U	0.39 U
2-Methylphenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
4-Methylphenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Nitroaniline	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
3-Nitroaniline	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
4-Nitroaniline	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
Nitrobenzene	1,000	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2-Nitrophenol	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
4-Nitrophenol	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
N-Nitrosodiphenylamine	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.018 U	0.017 U	0.018 U	0.016 U
Pentachlorophenol	--	1.9 U	2 U	1.9 U	2.1 U	1.9 U
Phenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
2,4,5-Trichlorophenol	--	0.78 U	0.84 U	0.78 U	0.85 U	0.77 U
2,4,6-Trichlorophenol	--	0.39 U	0.42 U	0.39 U	0.42 U	0.39 U
Subtotal:		31.6	33.2	31.2	34.1	31.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-002 6-8	SB15-002 6-8	SB15-003 10-12	SP16-002 9-10
PAHs (mg/kg)						
Acenaphthene	--	0.077	0.032 U	0.03 U	0.032 U	0.029 U
Acenaphthylene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Anthracene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(a)anthracene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(b)fluoranthene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(k)fluoranthene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(g,h,i)perylene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Benzo(a)pyrene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Chrysene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Dibenzo(a,h)anthracene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Fluoranthene	--	0.03 U	0.035	0.087	0.032 U	0.029 U
Fluorene	--	0.036	0.032 U	0.03 U	0.032 U	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.03 U	0.032 U	0.03 U	0.032 U	0.029 U
Naphthalene	--	1.1	0.11	0.051	0.032 U	0.029 U
Phenanthrene	--	0.063	0.071	0.083	0.032 U	0.029 U
Pyrene	--	0.03 U	0.056	0.13	0.032 U	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1221	--	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1232	--	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1242	--	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1248	--	0.093 U	0.1 U	0.096 U	0.1 U	0.094 U
Aroclor 1254	--	0.19 U	0.2 U	0.19 U	0.21 U	0.19 U
Aroclor 1260	--	0.19 U	0.2 U	0.19 U	0.21 U	0.19 U
Subtotal of PCBs:	50*	0.8	0.9	0.9	0.9	0.9
Subtotal:		2.5	1.6	1.6	1.4	1.3
Total Organic Content:	2000**	35	35	33	36	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-003 15-16	SB18B-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003 14-16
TCL Volatiles (mg/kg)						
Acetone	10,000	0.062 U	1.9 EJ	0.05 U	0.065	3.6 U
Benzene	870	0.012 U	12 J	0.5 EJ	0.0089 U	620
Bromodichloromethane	3,000	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Bromoform	1,900	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Bromomethane	3,200	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
2-Butanone	--	0.025 U	0.57 J	0.02 U	0.018 U	1.4 U
Carbon Disulfide	720	0.012 U	27 J	0.01 U	0.0089 U	0.71 U
Carbon Tetrachloride	1,100	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chlorobenzene	680	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chloroethane	--	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Chloroform	2,900	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Chloromethane	--	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Dibromochloromethane	1,300	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1-Dichloroethane	1,700	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,2-Dichloroethane	1,800	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1-Dichloroethene	1,500	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
cis-1,2-Dichloroethene	--	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
trans-1,2-Dichloroethene	--	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,2-Dichloropropane	1,100	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
cis-1,3-Dichloropropene	1,400	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
trans-1,3-Dichloropropene	1,400	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Ethylbenzene	400	0.012 U	8.1 J	0.83 EJ	0.0089 U	150
2-Hexanone	--	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
4-Methyl-2-Pentanone	--	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Methylene	2,400	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
Styrene	1,500	0.012 U	0.03 UJ	0.15 J	0.0089 U	64
1,1,2,2-Tetrachloroethane	--	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Tetrachloroethene	240	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Toluene	650	0.012 U	15 J	1 EJ	0.0089 U	650
1,1,1-Trichloroethane	1,200	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
1,1,2-Trichloroethane	1,800	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Trichloroethene	1,300	0.012 U	0.03 UJ	0.01 U	0.0089 U	0.71 U
Vinyl Chloride	1,200	0.025 U	0.06 UJ	0.02 U	0.018 U	1.4 U
m,p-Xylene	420	0.012 U	26 J	0.84 EJ	0.0089 U	310
o-Xylene	410	0.012 U	15 J	0.46 EJ	0.0089 U	150
Subtotal:		0.6	106.6	4.2	0.4	1,972.3

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) E - Value above quantitation range.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-003 15-16	SB18B-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003 14-16
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Bis(2-chloroethyl)ether	3,300	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Bromophenyl phenyl ether	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Butyl benzyl phthalate	930	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Carbazole	--	0.39 U	4.7 U	2	0.39 U	460
4-Chloro-3-methylphenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Chloroaniline	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Chloronaphthalene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Chlorophenol	53,000	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Chlorophenyl phenyl ether	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Dibenzofuran	--	0.39 U	41 J	12	0.39 U	300
1,2-Dichlorobenzene	560	0.39 U	4.7 U	0.39 U	0.39 U	14 U
1,3-Dichlorobenzene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
1,4-Dichlorobenzene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
3,3´-Dichlorobenzidine	--	0.77 U	9.4 U	0.79 U	0.78 U	28 U
2,4-Dichlorophenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Diethyl phthalate	2,000	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Dimethyl phthalate	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Di-n-butyl phthalate	2,300	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,4-Dimethylphenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4,6-Dinitro-2-methylphenol	--	1.9 U	23 U	1.9 U	1.9 U	69 U
2,4-Dinitrophenol	--	1.9 U	23 U	1.9 U	1.9 U	69 U
2,4-Dinitrotoluene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,6-Dinitrotoluene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Di-n-octyl phthalate	10,000	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorobenzene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorobutadiene	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachlorocyclopentadiene	2,200	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Hexachloroethane	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Isophorone	4,600	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Methylnaphthalene	--	0.39 U	5400 J	280	0.39 U	9700
2-Methylphenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
4-Methylphenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Nitroaniline	--	1.9 U	23 U	1.9 U	1.9 U	69 U
3-Nitroaniline	--	1.9 U	23 U	1.9 U	1.9 U	69 U
4-Nitroaniline	--	1.9 U	23 U	1.9 U	1.9 U	69 U
Nitrobenzene	1,000	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2-Nitrophenol	--	1.9 U	23 U	1.9 U	1.9 U	69 U
4-Nitrophenol	--	1.9 U	23 U	1.9 U	1.9 U	69 U
N-Nitrosodi-n-propylamine	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
N-Nitrosodiphenylamine	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.2 U	0.39 U	0.39 U	0.6 U
Pentachlorophenol	--	1.9 U	23 U	1.9 U	1.9 U	69 U
Phenol	--	0.39 U	4.7 U	0.49	0.39 U	14 U
1,2,4-Trichlorobenzene	3,200	0.39 U	4.7 U	0.39 U	0.39 U	14 U
2,4,5-Trichlorophenol	--	0.77 U	9.4 U	0.79 U	0.78 U	28 U
2,4,6-Trichlorophenol	--	0.39 U	4.7 U	0.39 U	0.39 U	14 U
Subtotal:		31.2	5,808.5	324.5	31.6	11,544.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-003 15-16	SB18B-002 5-7	SB21-002 5-7	SB22-002 8-10	SB23-003 14-16
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	99 J	11	0.031	310
Acenaphthylene	--	0.029 U	100 J	10	0.029 U	2000
Anthracene	--	0.029 U	75 J	13	0.047	1000
Benzo(a)anthracene	--	0.029 U	14 J	4.4	0.029 U	810
Benzo(b)fluoranthene	--	0.029 U	14 J	3.5	0.029 U	110 U
Benzo(k)fluoranthene	--	0.029 U	12 J	3.9	0.029 U	230
Benzo(g,h,i)perylene	--	0.029 U	8.8 J	2.4	0.029 U	340
Benzo(a)pyrene	--	0.029 U	9.9 J	4.3	0.029 U	470
Chrysene	--	0.029 U	130 J	15	0.04	770
Dibenzo(a,h)anthracene	--	0.029 U	7.1 J	1.1	0.029 U	130
Fluoranthene	--	0.029 U	61 J	18	0.029 U	610
Fluorene	--	0.029 U	160 J	27	0.033	1500
Indeno(1,2,3-cd)pyrene	--	0.029 U	7.1 J	1.7	0.029 U	300
Naphthalene	--	0.029 U	4700 J	200	0.2	12000
Phenanthrene	--	0.029 U	360 J	77	0.13	3900
Pyrene	--	0.029 U	110 J	29	0.029 U	740
PCBs (mg/kg)						
Aroclor 1016	--	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1221	--	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1232	--	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1242	--	0.095 U	0.12 U	0.28	0.094 U	0.35 U
Aroclor 1248	--	0.095 U	0.12 U	0.095 U	0.094 U	0.35 U
Aroclor 1254	--	0.19 U	0.23 U	0.19 U	0.19 U	0.69 U
Aroclor 1260	--	0.19 U	0.23 U	0.19 U	0.19 U	0.69 U
Subtotal of PCBs:	50*	0.9	1.1	1.0	0.9	3.1
Subtotal:		1.3	5,869.0	422.3	1.6	25,223.1
Total Organic Content:	2000**	33	11,784	751	34	38,740

NOTES:
(1) -- Soil saturation limits not available.
(2) Shaded values exceed the soil attenuation capacity, or the allowable concentration of PCBs in soil (50 mg/kg)..
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) J - Indicates an estimated value.
(5) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(6) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
TCL Volatiles (mg/kg)						
Acetone	10,000	4.1 U	0.11	0.058 U	0.09 J	0.046
Benzene	870	61	0.22	0.012 U	50 J	0.0084 U
Bromodichloromethane	3,000	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Bromoform	1,900	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Bromomethane	3,200	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
2-Butanone	--	1.7 U	0.034 U	0.023 U	0.043 J	0.017 U
Carbon Disulfide	720	0.83 U	0.017 U	0.012 U	0.036 J	0.0084 U
Carbon Tetrachloride	1,100	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Chlorobenzene	680	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Chloroethane	--	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Chloroform	2,900	0.83 U	0.017 U	0.012 U	0.023 J	0.0084 U
Chloromethane	--	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Dibromochloromethane	1,300	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1-Dichloroethane	1,700	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,2-Dichloroethane	1,800	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1-Dichloroethene	1,500	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
cis-1,2-Dichloroethene	--	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
trans-1,2-Dichloroethene	--	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,2-Dichloropropane	1,100	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
cis-1,3-Dichloropropene	1,400	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
trans-1,3-Dichloropropene	1,400	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Ethylbenzene	400	120	4.6	0.012 U	240 J	0.0084 U
2-Hexanone	--	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
4-Methyl-2-Pentanone	--	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Methylene	2,400	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
Styrene	1,500	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1,2,2-Tetrachloroethane	--	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Tetrachloroethene	240	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Toluene	650	5.2	0.54	0.012 U	180 J	0.0084 U
1,1,1-Trichloroethane	1,200	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
1,1,2-Trichloroethane	1,800	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Trichloroethene	1,300	0.83 U	0.017 U	0.012 U	0.017 U	0.0084 U
Vinyl Chloride	1,200	1.7 U	0.034 U	0.023 U	0.035 U	0.017 U
m,p-Xylene	420	98	6.7	0.012 U	340 J	0.0084 U
o-Xylene	410	55	6.8	0.012 U	190 J	0.0084 U
Subtotal:		373.5	19.6	0.5	1,000.7	0.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Bis(2-chloroethyl)ether	3,300	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.41 U	1.2	0.42	2.1 U	0.38 U
4-Bromophenyl phenyl ether	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Butyl benzyl phthalate	930	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Carbazole	--	30	5.7	0.4 U	25	0.38 U
4-Chloro-3-methylphenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Chloroaniline	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Chloronaphthalene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Chlorophenol	53,000	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Dibenzofuran	--	19	4.7	0.4 U	49	0.38 U
1,2-Dichlorobenzene	560	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,3-Dichlorobenzene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,4-Dichlorobenzene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
3,3´-Dichlorobenzidine	--	0.82 U	0.81 U	0.8 U	4.2 U	0.76 U
2,4-Dichlorophenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Diethyl phthalate	2,000	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Dimethyl phthalate	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Di-n-butyl phthalate	2,300	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,4-Dimethylphenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4,6-Dinitro-2-methylphenol	--	2 U	2 U	1.9 U	10 U	1.8 U
2,4-Dinitrophenol	--	2 U	2 U	1.9 U	10 U	1.8 U
2,4-Dinitrotoluene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,6-Dinitrotoluene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Di-n-octyl phthalate	10,000	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorobenzene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorobutadiene	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Hexachloroethane	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Isophorone	4,600	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Methylnaphthalene	--	530	58	0.4	680	0.38 U
2-Methylphenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
4-Methylphenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Nitroaniline	--	2 U	2 U	1.9 U	10 U	1.8 U
3-Nitroaniline	--	2 U	2 U	1.9 U	10 U	1.8 U
4-Nitroaniline	--	2 U	2 U	1.9 U	10 U	1.8 U
Nitrobenzene	1,000	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2-Nitrophenol	--	2 U	2 U	1.9 U	10 U	1.8 U
4-Nitrophenol	--	2 U	2 U	1.9 U	10 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
N-Nitrosodiphenylamine	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.017 U	0.017 U	0.09 U	0.38 U
Pentachlorophenol	--	2 U	2 U	1.9 U	10 U	1.8 U
Phenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
1,2,4-Trichlorobenzene	3,200	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
2,4,5-Trichlorophenol	--	0.82 U	0.81 U	0.8 U	4.2 U	0.76 U
2,4,6-Trichlorophenol	--	0.41 U	0.41 U	0.4 U	2.1 U	0.38 U
Subtotal:		610.6	100.8	31.6	913.9	30.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB24-002 5-7	SB25-002 3-5	SB25-003 12-14	SB26-001 3-5	SB27-001 5-7
PAHs (mg/kg)						
Acenaphthene	--	52	19	0.03 U	86	0.029 U
Acenaphthylene	--	40	8.9	0.03 U	49	0.029 U
Anthracene	--	41	16	0.03 U	120	0.029 U
Benzo(a)anthracene	--	32	14	0.03 U	16	0.029 U
Benzo(b)fluoranthene	--	15	7	0.03 U	16 U	0.029 U
Benzo(k)fluoranthene	--	12	7	0.03 U	19	0.029 U
Benzo(g,h,i)perylene	--	4.8	3.7	0.03 U	17	0.029 U
Benzo(a)pyrene	--	18	9.2	0.03 U	19	0.029 U
Chrysene	--	31	15	0.03 U	53	0.029 U
Dibenzo(a,h)anthracene	--	0.4	0.94	0.03 U	6.9	0.029 U
Fluoranthene	--	37	20	0.03 U	110	0.029 U
Fluorene	--	71	26	0.067	95	0.029 U
Indeno(1,2,3-cd)pyrene	--	4.3	3.1 U	0.03 U	13	0.029 U
Naphthalene	--	380	28	0.6	190	0.029 U
Phenanthrene	--	190	62	0.15	270	0.031
Pyrene	--	91	32	0.03 U	140	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1221	--	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1232	--	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1242	--	0.1 U	0.098 U	0.096 U	2.9	0.094 U
Aroclor 1248	--	0.1 U	0.098 U	0.096 U	0.1 U	0.094 U
Aroclor 1254	--	0.2 U	0.2 U	0.19 U	2	0.19 U
Aroclor 1260	--	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U
Subtotal of PCBs:	50*	0.9	0.9	0.9	5.5	0.9
Subtotal:		1,020.4	272.7	2.1	1,225.4	1.3
Total Organic Content:	2000**	2,004	393	34	3,140	32

NOTES:
(1) -- Soil saturation limits not available.
(2) Shaded values exceed the soil attenuation capacity, or the allowable concentration of PCBs in soil (50 mg/kg).
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(5) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
TCL Volatiles (mg/kg)						
Acetone	10,000	0.035 U	0.048	0.055 U	0.067 U	0.064 U
Benzene	870	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromodichloromethane	3,000	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromoform	1,900	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Bromomethane	3,200	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
2-Butanone	--	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Carbon Disulfide	720	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Carbon Tetrachloride	1,100	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chlorobenzene	680	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chloroethane	--	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Chloroform	2,900	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Chloromethane	--	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Dibromochloromethane	1,300	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1-Dichloroethane	1,700	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,2-Dichloroethane	1,800	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1-Dichloroethene	1,500	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
cis-1,2-Dichloroethene	--	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
trans-1,2-Dichloroethene	--	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,2-Dichloropropane	1,100	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
cis-1,3-Dichloropropene	1,400	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
trans-1,3-Dichloropropene	1,400	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Ethylbenzene	400	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
2-Hexanone	--	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
4-Methyl-2-Pentanone	--	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Methylene	2,400	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
Styrene	1,500	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Tetrachloroethene	240	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Toluene	650	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,1-Trichloroethane	1,200	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
1,1,2-Trichloroethane	1,800	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Trichloroethene	1,300	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Vinyl Chloride	1,200	0.014 U	0.015 U	0.022 U	0.027 U	0.026 U
m,p-Xylene	420	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
o-Xylene	410	0.0069 U	0.0076 U	0.011 U	0.013 U	0.013 U
Subtotal:		0.3	0.4	0.5	0.6	0.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Bis(2-chloroethyl)ether	3,300	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Bromophenyl phenyl ether	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Butyl benzyl phthalate	930	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Carbazole	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chloro-3-methylphenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chloroaniline	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Chloronaphthalene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Chlorophenol	53,000	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Dibenzofuran	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,2-Dichlorobenzene	560	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,3-Dichlorobenzene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,4-Dichlorobenzene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
3,3´-Dichlorobenzidine	--	0.76 U	0.79 U	0.78 U	0.78 U	0.74 U
2,4-Dichlorophenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Diethyl phthalate	2,000	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Dimethyl phthalate	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Di-n-butyl phthalate	2,300	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,4-Dimethylphenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,6-Dinitrotoluene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Di-n-octyl phthalate	10,000	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorobenzene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorobutadiene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Hexachloroethane	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Isophorone	4,600	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Methylnaphthalene	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Methylphenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
4-Methylphenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
Nitrobenzene	1,000	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
N-Nitrosodiphenylamine	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2, 2'-Oxybis(1-Chloropropane)	--	0.38 U	0.4 U	0.39 U	0.39 U	0.016 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U
Phenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
1,2,4-Trichlorobenzene	3,200	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
2,4,5-Trichlorophenol	--	0.76 U	0.79 U	0.78 U	0.78 U	0.74 U
2,4,6-Trichlorophenol	--	0.38 U	0.4 U	0.39 U	0.39 U	0.37 U
Subtotal:		31.2	32.0	31.6	31.6	29.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-002 10-12	SB28-002 5-7	SB29-001 3-5	SB29-002 12-14	SB31-002 6-8
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.03 U	0.035	0.029 U	0.028 U
Acenaphthylene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.029
Anthracene	--	0.029 U	0.03 U	0.038	0.029 U	0.047
Benzo(a)anthracene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(b)fluoranthene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(k)fluoranthene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(g,h,i)perylene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Benzo(a)pyrene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Chrysene	--	0.029 U	0.03 U	0.052	0.029 U	0.075
Dibenzo(a,h)anthracene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Fluoranthene	--	0.029 U	0.03 U	0.029	0.029 U	0.075
Fluorene	--	0.029 U	0.03 U	0.033	0.029 U	0.03
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.03 U	0.029 U	0.029 U	0.028 U
Naphthalene	--	0.029 U	0.03 U	0.094	0.029 U	0.11
Phenanthrene	--	0.047	0.03 U	0.14	0.036	0.17
Pyrene	--	0.029 U	0.03 U	0.044	0.029 U	0.13
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1221	--	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1232	--	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1242	--	0.093 U	0.14	0.094 U	0.095 U	0.093 U
Aroclor 1248	--	0.093 U	0.096 U	0.094 U	0.095 U	0.093 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Subtotal of PCBs:	50*	0.8	0.9	0.9	0.9	0.8
Subtotal:		1.3	1.4	1.5	1.3	1.7
Total Organic Content:	2000**	33	34	34	34	32

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
TCL Volatiles (mg/kg)						
Acetone	10,000	0.081 U	0.12	0.064 U	0.14	0.13
Benzene	870	0.77	0.012 U	0.013 U	0.012 U	0.012 U
Bromodichloromethane	3,000	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Bromoform	1,900	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Bromomethane	3,200	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
2-Butanone	--	0.033 U	0.027	0.026 U	0.024 U	0.027
Carbon Disulfide	720	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Carbon Tetrachloride	1,100	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chlorobenzene	680	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chloroethane	--	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Chloroform	2,900	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Chloromethane	--	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Dibromochloromethane	1,300	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethane	1,700	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,2-Dichloroethane	1,800	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethene	1,500	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	--	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	--	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,2-Dichloropropane	1,100	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	1,400	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	1,400	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Ethylbenzene	400	2	0.012 U	0.013 U	0.012 U	0.012 U
2-Hexanone	--	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
4-Methyl-2-Pentanone	--	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Methylene	2,400	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
Styrene	1,500	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Tetrachloroethene	240	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Toluene	650	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,1-Trichloroethane	1,200	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
1,1,2-Trichloroethane	1,800	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Trichloroethene	1,300	0.016 U	0.012 U	0.013 U	0.012 U	0.012 U
Vinyl Chloride	1,200	0.033 U	0.024 U	0.026 U	0.024 U	0.023 U
m,p-Xylene	420	0.057	0.012 U	0.013 U	0.012 U	0.012 U
o-Xylene	410	0.034	0.025	0.013 U	0.012 U	0.012 U
Subtotal:		3.5	0.6	0.6	0.6	0.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Bis(2-chloroethyl)ether	3,300	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.87	0.4 U	0.39 U	0.4 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Carbazole	--	1.3	0.4 U	0.39 U	0.4 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Chloroaniline	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Chlorophenol	53,000	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Dibenzofuran	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,2-Dichlorobenzene	560	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,4-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
3,3´-Dichlorobenzidine	--	0.78 U	0.81 U	0.79 U	0.8 U	0.79 U
2,4-Dichlorophenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Diethyl phthalate	2,000	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,4-Dimethylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,6-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Hexachloroethane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Isophorone	4,600	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Nitroaniline	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2-Nitrophenol	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
N-Nitrosodiphenylamine	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U
Pentachlorophenol	--	1.9 U	2 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
2,4,5-Trichlorophenol	--	0.78 U	0.81 U	0.79 U	0.8 U	0.79 U
2,4,6-Trichlorophenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.39 U
Subtotal:		32.6	32.4	31.2	31.6	31.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-002 3-5	SB33-002 5-7	SB33-003 10-12	SP34-002 5-7	SP35-002 6-7
PAHs (mg/kg)						
Acenaphthene	--	0.84	0.031 U	0.03 U	0.12	0.03 U
Acenaphthylene	--	0.99	0.031 U	0.03 U	0.086	0.03 U
Anthracene	--	0.98	0.031 U	0.03 U	0.17	0.03 U
Benzo(a)anthracene	--	1.8	0.031 U	0.03 U	0.094	0.064
Benzo(b)fluoranthene	--	0.87	0.031 U	0.03 U	0.13	0.041
Benzo(k)fluoranthene	--	0.75	0.031 U	0.03 U	0.14	0.056
Benzo(g,h,i)perylene	--	0.38	0.031 U	0.03 U	0.36	0.037
Benzo(a)pyrene	--	1.1	0.031 U	0.03 U	0.14	0.072
Chrysene	--	1.7	0.031 U	0.041	0.39	0.066
Dibenzo(a,h)anthracene	--	0.3 U	0.031 U	0.03 U	0.11	0.03 U
Fluoranthene	--	2.8	0.031 U	0.039	0.33	0.074
Fluorene	--	0.87	0.031 U	0.03 U	0.31	0.03 U
Indeno(1,2,3-cd)pyrene	--	0.34	0.031 U	0.03 U	0.24	0.036
Naphthalene	--	2.1	0.14	0.042	0.03 U	0.03 U
Phenanthrene	--	3.7	0.076	0.083	0.13	0.03 U
Pyrene	--	4	0.047	0.033	1.2	0.074
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1221	--	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1232	--	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1242	--	0.15	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1248	--	0.093 U	0.096 U	0.094 U	0.098 U	0.095 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Subtotal of PCBs:	50*	0.9	0.9	0.9	0.9	0.9
Subtotal:		24.4	1.5	1.4	4.9	1.6
Total Organic Content:	2000**	61	35	33	37	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
TCL Volatiles (mg/kg)						
Acetone	10,000	0.042 U	0.082	0.066 J	0.12 J	0.11
Benzene	870	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromodichloromethane	3,000	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromoform	1,900	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Bromomethane	3,200	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
2-Butanone	--	0.017 U	0.02 U	0.023 U	0.029 UJ	0.027
Carbon Disulfide	720	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Carbon Tetrachloride	1,100	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chlorobenzene	680	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chloroethane	--	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Chloroform	2,900	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Chloromethane	--	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Dibromochloromethane	1,300	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1-Dichloroethane	1,700	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,2-Dichloroethane	1,800	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1-Dichloroethene	1,500	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
cis-1,2-Dichloroethene	--	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
trans-1,2-Dichloroethene	--	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,2-Dichloropropane	1,100	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
cis-1,3-Dichloropropene	1,400	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
trans-1,3-Dichloropropene	1,400	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Ethylbenzene	400	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
2-Hexanone	--	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
4-Methyl-2-Pentanone	--	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Methylene	2,400	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
Styrene	1,500	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Tetrachloroethene	240	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Toluene	650	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,1-Trichloroethane	1,200	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
1,1,2-Trichloroethane	1,800	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Trichloroethene	1,300	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Vinyl Chloride	1,200	0.017 U	0.02 U	0.023 U	0.029 UJ	0.026 U
m,p-Xylene	420	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
o-Xylene	410	0.0084 U	0.0099 U	0.012 U	0.014 UJ	0.013 U
Subtotal:		0.4	0.5	0.6	0.7	0.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Bis(2-chloroethyl)ether	3,300	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Bromophenyl phenyl ether	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Butyl benzyl phthalate	930	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Carbazole	--	0.39 U	0.39 U	0.38 U	0.53	0.4 U
4-Chloro-3-methylphenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Chloroaniline	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Chloronaphthalene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Chlorophenol	53,000	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Dibenzofuran	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,2-Dichlorobenzene	560	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,3-Dichlorobenzene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,4-Dichlorobenzene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
3,3´-Dichlorobenzidine	--	0.77 U	0.77 U	0.75 U	0.83 U	0.8 U
2,4-Dichlorophenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Diethyl phthalate	2,000	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Dimethyl phthalate	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Di-n-butyl phthalate	2,300	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,4-Dimethylphenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
2,4-Dinitrotoluene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,6-Dinitrotoluene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Di-n-octyl phthalate	10,000	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorobenzene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorobutadiene	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Hexachloroethane	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Isophorone	4,600	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Methylnaphthalene	--	0.39 U	0.39 U	0.38 U	1.7	0.4 U
2-Methylphenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
4-Methylphenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Nitroaniline	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
Nitrobenzene	1,000	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2-Nitrophenol	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
N-Nitrosodiphenylamine	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.018 U	0.017 U
Pentachlorophenol	--	1.9 U	1.9 U	1.8 U	2 U	1.9 U
Phenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
2,4,5-Trichlorophenol	--	0.77 U	0.77 U	0.75 U	0.83 U	0.8 U
2,4,6-Trichlorophenol	--	0.39 U	0.39 U	0.38 U	0.42 U	0.4 U
Subtotal:		31.2	31.2	30.0	34.6	31.6

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-003 12-13	SP37-002 8-9	SP37-003 12-13	SB38-001 5-7	SP39-002 5-6
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.029 U	0.028 U	0.42	0.056
Acenaphthylene	--	0.029 U	0.029 U	0.028 U	0.37	0.03 U
Anthracene	--	0.029 U	0.029 U	0.028 U	1.7	0.29
Benzo(a)anthracene	--	0.029 U	0.029 U	0.028 U	1.9	0.13
Benzo(b)fluoranthene	--	0.029 U	0.029 U	0.028 U	1.1	0.58
Benzo(k)fluoranthene	--	0.029 U	0.029 U	0.028 U	0.96	0.65
Benzo(g,h,i)perylene	--	0.029 U	0.029 U	0.028 U	0.46	0.31
Benzo(a)pyrene	--	0.029 U	0.029 U	0.028 U	0.89	0.64
Chrysene	--	0.029 U	0.029 U	0.028 U	2.3	1.1
Dibenzo(a,h)anthracene	--	0.029 U	0.029 U	0.028 U	0.15	0.23
Fluoranthene	--	0.029 U	0.029 U	0.028 U	4.1	1.6
Fluorene	--	0.029 U	0.029 U	0.028 U	0.7	0.056
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.029 U	0.028 U	0.38	0.3 U
Naphthalene	--	0.029 U	0.056	0.028 U	2	0.032
Phenanthrene	--	0.029 U	0.029 U	0.028 U	5.7	0.81
Pyrene	--	0.029 U	0.029 U	0.028 U	4.7	1.7
PCBs (mg/kg)						
Aroclor 1016	--	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1221	--	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1232	--	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1242	--	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1248	--	0.095 U	0.092 U	0.092 U	0.1 U	0.1 U
Aroclor 1254	--	0.19 U	0.18 U	0.18 U	0.2 U	0.2 U
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.2 U	0.2 U
Subtotal of PCBs:	50*	0.9	0.8	0.8	0.9	0.9
Subtotal:		1.3	1.3	1.3	28.7	9.4
Total Organic Content:	2000**	33	33	32	64	42

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002 3.5-4.5	SP43-003 11-12
TCL Volatiles (mg/kg)						
Acetone	10,000	0.047 U	0.071	0.043 U	0.063 U	0.041 U
Benzene	870	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromodichloromethane	3,000	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromoform	1,900	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Bromomethane	3,200	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
2-Butanone	--	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Carbon Disulfide	720	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Carbon Tetrachloride	1,100	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chlorobenzene	680	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chloroethane	--	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Chloroform	2,900	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Chloromethane	--	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Dibromochloromethane	1,300	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1-Dichloroethane	1,700	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,2-Dichloroethane	1,800	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1-Dichloroethene	1,500	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
cis-1,2-Dichloroethene	--	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
trans-1,2-Dichloroethene	--	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,2-Dichloropropane	1,100	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
cis-1,3-Dichloropropene	1,400	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
trans-1,3-Dichloropropene	1,400	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Ethylbenzene	400	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
2-Hexanone	--	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
4-Methyl-2-Pentanone	--	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Methylene	2,400	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
Styrene	1,500	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,2,2-Tetrachloroethane	--	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Tetrachloroethene	240	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Toluene	650	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,1-Trichloroethane	1,200	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
1,1,2-Trichloroethane	1,800	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Trichloroethene	1,300	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Vinyl Chloride	1,200	0.019 U	0.02 U	0.017 U	0.025 U	0.017 U
m,p-Xylene	420	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
o-Xylene	410	0.0094 U	0.01 U	0.0087 U	0.013 U	0.0083 U
Subtotal:		0.4	0.5	0.4	0.6	0.4

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002 3.5-4.5	SP43-003 11-12
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	3,300	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Carbazole	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chloro-3-methylphenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	53,000	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dichlorobenzene	560	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
3,3´-Dichlorobenzidine	--	0.77 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4-Dichlorophenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	2,000	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,6-Dinitrotoluene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Di-n-octyl phthalate	10,000	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Isophorone	4,600	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.38 U	0.39 U	0.39 U	1.6	0.39 U
2-Methylphenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	--	0.77 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4,6-Trichlorophenol	--	0.38 U	0.39 U	0.39 U	0.39 U	0.39 U
Subtotal:		30.8	31.2	31.2	32.4	31.2

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP39-003 10-11	SP40-002 7-8	SP40-003 14-15	SP43-002 3.5-4.5	SP43-003 11-12
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.029 U	0.029 U	0.062	0.029 U
Acenaphthylene	--	0.029 U	0.029 U	0.029 U	0.074	0.029 U
Anthracene	--	0.03	0.029 U	0.029 U	0.029	0.029 U
Benzo(a)anthracene	--	0.029 U	0.029 U	0.029 U	0.09	0.029 U
Benzo(b)fluoranthene	--	0.029 U	0.029 U	0.029 U	0.13	0.029 U
Benzo(k)fluoranthene	--	0.029 U	0.029 U	0.029 U	0.11	0.029 U
Benzo(g,h,i)perylene	--	0.029 U	0.029 U	0.029 U	0.087	0.029 U
Benzo(a)pyrene	--	0.029 U	0.029 U	0.029 U	0.13	0.029 U
Chrysene	--	0.056	0.029 U	0.029 U	0.16	0.029 U
Dibenzo(a,h)anthracene	--	0.029 U	0.029 U	0.029 U	0.038	0.029 U
Fluoranthene	--	0.081	0.029 U	0.029 U	0.17	0.029 U
Fluorene	--	0.029 U	0.029 U	0.029 U	0.16	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.029 U	0.029 U	0.076	0.029 U
Naphthalene	--	0.029 U	0.029 U	0.029 U	0.22	0.029 U
Phenanthrene	--	0.071	0.029 U	0.029 U	0.38	0.029 U
Pyrene	--	0.076	0.029 U	0.029 U	0.088	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1221	--	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1232	--	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1242	--	0.14	0.093 U	0.094 U	0.28	0.097 U
Aroclor 1248	--	0.095 U	0.093 U	0.094 U	0.099 U	0.097 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.26	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U
Subtotal of PCBs:	50*	0.9	0.8	0.9	1.1	0.9
Subtotal:		1.5	1.3	1.3	3.1	1.3
Total Organic Content:	2000**	33	33	33	36	33

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration		
		SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
TCL Volatiles (mg/kg)				
Acetone	10,000	0.082	0.069 U	0.09 U
Benzene	870	0.0089 U	0.014 U	0.48
Bromodichloromethane	3,000	0.0089 U	0.014 U	0.018 U
Bromoform	1,900	0.0089 U	0.014 U	0.018 U
Bromomethane	3,200	0.018 U	0.028 U	0.036 U
2-Butanone	--	0.018 U	0.028 U	0.036 U
Carbon Disulfide	720	0.0089 U	0.014 U	0.037
Carbon Tetrachloride	1,100	0.0089 U	0.014 U	0.018 U
Chlorobenzene	680	0.0089 U	0.014 U	0.018 U
Chloroethane	--	0.018 U	0.028 U	0.036 U
Chloroform	2,900	0.0089 U	0.014 U	0.018 U
Chloromethane	--	0.0089 U	0.014 U	0.018 U
Dibromochloromethane	1,300	0.0089 U	0.014 U	0.018 U
1,1-Dichloroethane	1,700	0.0089 U	0.014 U	0.018 U
1,2-Dichloroethane	1,800	0.0089 U	0.014 U	0.018 U
1,1-Dichloroethene	1,500	0.0089 U	0.014 U	0.018 U
cis-1,2-Dichloroethene	--	0.0089 U	0.014 U	0.018 U
trans-1,2-Dichloroethene	--	0.0089 U	0.014 U	0.018 U
1,2-Dichloropropane	1,100	0.0089 U	0.014 U	0.018 U
cis-1,3-Dichloropropene	1,400	0.0089 U	0.014 U	0.018 U
trans-1,3-Dichloropropene	1,400	0.0089 U	0.014 U	0.018 U
Ethylbenzene	400	0.0089 U	0.014 U	5.1
2-Hexanone	--	0.018 U	0.028 U	0.036 U
4-Methyl-2-Pentanone	--	0.018 U	0.028 U	0.036 U
Methylene	2,400	0.018 U	0.028 U	0.036 U
Styrene	1,500	0.0089 U	0.014 U	2.2
1,1,2,2-Tetrachloroethane	--	0.0089 U	0.014 U	0.018 U
Tetrachloroethene	240	0.0089 U	0.014 U	0.018 U
Toluene	650	0.0089 U	0.014 U	4.4
1,1,1-Trichloroethane	1,200	0.0089 U	0.014 U	0.018 U
1,1,2-Trichloroethane	1,800	0.0089 U	0.014 U	0.018 U
Trichloroethene	1,300	0.0089 U	0.014 U	0.018 U
Vinyl Chloride	1,200	0.018 U	0.028 U	0.036 U
m,p-Xylene	420	0.0089 U	0.014 U	11
o-Xylene	410	0.0089 U	0.014 U	6
Subtotal:		0.4	0.6	29.9

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration		
		SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
TCL Semivolatiles (mg/kg)				
Bis(2-chloroethoxy)methane	--	0.4 U	0.39 U	1.2 U
Bis(2-chloroethyl)ether	3,300	0.4 U	0.39 U	1.2 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.39 U	1.2 U
4-Bromophenyl phenyl ether	--	0.4 U	0.39 U	1.2 U
Butyl benzyl phthalate	930	0.4 U	0.39 U	1.2 U
Carbazole	--	0.4 U	0.39 U	28
4-Chloro-3-methylphenol	--	0.4 U	0.39 U	1.2 U
4-Chloroaniline	--	0.4 U	0.39 U	1.2 U
2-Chloronaphthalene	--	0.4 U	0.39 U	1.2 U
2-Chlorophenol	53,000	0.4 U	0.39 U	1.2 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.39 U	1.2 U
Dibenzofuran	--	0.4 U	0.39 U	22
1,2-Dichlorobenzene	560	0.4 U	0.39 U	1.2 U
1,3-Dichlorobenzene	--	0.4 U	0.39 U	1.2 U
1,4-Dichlorobenzene	--	0.4 U	0.39 U	1.2 U
3,3´-Dichlorobenzidine	--	0.79 U	0.77 U	2.4 U
2,4-Dichlorophenol	--	0.4 U	0.39 U	1.2 U
Diethyl phthalate	2,000	0.4 U	0.39 U	1.2 U
Dimethyl phthalate	--	0.4 U	0.39 U	1.2 U
Di-n-butyl phthalate	2,300	0.4 U	0.39 U	1.2 U
2,4-Dimethylphenol	--	0.4 U	0.39 U	1.2 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	5.8 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	5.8 U
2,4-Dinitrotoluene	--	0.4 U	0.39 U	1.2 U
2,6-Dinitrotoluene	--	0.4 U	0.39 U	1.2 U
Di-n-octyl phthalate	10,000	0.4 U	0.39 U	1.2 U
Hexachlorobenzene	--	0.4 U	0.39 U	1.2 U
Hexachlorobutadiene	--	0.4 U	0.39 U	1.2 U
Hexachlorocyclopentadiene	2,200	0.4 U	0.39 U	1.2 U
Hexachloroethane	--	0.4 U	0.39 U	1.2 U
Isophorone	4,600	0.4 U	0.39 U	1.2 U
2-Methylnaphthalene	--	0.4 U	0.39 U	5.3
2-Methylphenol	--	0.4 U	0.39 U	1.2 U
4-Methylphenol	--	0.4 U	0.39 U	1.2 U
2-Nitroaniline	--	1.9 U	1.9 U	5.8 U
3-Nitroaniline	--	1.9 U	1.9 U	5.8 U
4-Nitroaniline	--	1.9 U	1.9 U	5.8 U
Nitrobenzene	1,000	0.4 U	0.39 U	1.2 U
2-Nitrophenol	--	1.9 U	1.9 U	5.8 U
4-Nitrophenol	--	1.9 U	1.9 U	5.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.39 U	1.2 U
N-Nitrosodiphenylamine	--	0.4 U	0.39 U	1.2 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.016 U	1.2 U
Pentachlorophenol	--	1.9 U	1.9 U	5.8 U
Phenol	--	0.4 U	0.39 U	1.2 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.39 U	1.2 U
2,4,5-Trichlorophenol	--	0.79 U	0.77 U	2.4 U
2,4,6-Trichlorophenol	--	0.4 U	0.39 U	1.2 U
Subtotal:		31.6	31.2	148.5

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 17 (Continued)
Potential Source Material Calculations for Subsurface Soil Attenuation Capacity and Soil Saturation
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	C_{sat} (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration		
		SP44-002 6-7	SP44-003 12-13	SB45-002 3-5
PAHs (mg/kg)				
Acenaphthene	--	0.03 U	0.029 U	12
Acenaphthylene	--	0.03 U	0.029 U	21
Anthracene	--	0.03 U	0.029 U	47
Benzo(a)anthracene	--	0.03 U	0.029 U	14
Benzo(b)fluoranthene	--	0.03 U	0.029 U	7
Benzo(k)fluoranthene	--	0.03 U	0.029 U	6.2
Benzo(g,h,i)perylene	--	0.03 U	0.029 U	3.4
Benzo(a)pyrene	--	0.03 U	0.029 U	7
Chrysene	--	0.03 U	0.029 U	25
Dibenzo(a,h)anthracene	--	0.03 U	0.029 U	1.1
Fluoranthene	--	0.03 U	0.029 U	33
Fluorene	--	0.03 U	0.029 U	60
Indeno(1,2,3-cd)pyrene	--	0.03 U	0.029 U	2.8
Naphthalene	--	0.03 U	0.029 U	360
Phenanthrene	--	0.03 U	0.029 U	170
Pyrene	--	0.03 U	0.029 U	60
PCBs (mg/kg)				
Aroclor 1016	--	0.096 U	0.093 U	0.095 U
Aroclor 1221	--	0.096 U	0.093 U	0.095 U
Aroclor 1232	--	0.096 U	0.093 U	0.095 U
Aroclor 1242	--	0.096 U	0.093 U	0.16
Aroclor 1248	--	0.096 U	0.093 U	0.095 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U
Subtotal of PCBs:	50*	0.9	0.8	0.9
Subtotal:		1.3	1.3	830.4
Total Organic Content:	2000**	33	33	1,009

NOTES:
(1) -- Soil saturation limits not available.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) * 50 mg/kg PCBs is defined as source material in accordance with TACO.
(4) ** 2,000 mg/kg is the natural organic carbon fraction (foc) default value for subsurface soil.

Table 18
Reactivity of Potential Source Material
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Regulatory Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration		
		SP06-003 8-10'	SB23-003 14-16'	SP43-002 3.5-4.5'
Reactive Cyanide and Reactive Sulfide (mg/kg)				
Reactive Cyanide	250	0.87 U	1 U	1.1 U
Reactive Sulfide	500	22 U	160	23 U
Miscellaneous Analyses				
Flashpoint (degrees F)	140	>212	108	>212
BTU	--	500 U	4120	1420
pH	--	9.44	9.99	8.6

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 valued exceeds screening criteria.

Table 19
Potential Source Material Toxicity Characteristics
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Analyte	Maximum Concentration (mg/l)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB04-001 5-7	SP06-003 8-10	SB23-003 14-16	SP35-001 1-2	SP43-002 3.5-4.5
TCLP RCRA Metals (mg/l)						
Arsenic	5	NA	0.02 U	0.02 U	NA	0.02 U
Barium	100	NA	0.87	0.77	NA	1.8
Cadmium	1	NA	0.01 U	0.01 U	NA	0.023
Chromium	5	0.062	0.02 U	0.02 U	NA	0.02 U
Lead	5	NA	0.2	0.3	0.37	0.21
Mercury	0.2	NA	0.00025 U	0.00025 U	NA	0.00025 U
Selenium	1	NA	0.02 U	0.02 U	NA	0.02 U
Silver	5	NA	0.02 U	0.02 U	NA	0.02 U

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(2) NA - Not analyzed.

Table 20
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Volatiles (mg/kg)						
Acetone	200,000	0.099	0.17	0.051	0.067	0.073
Benzene	100	0.0097 U	0.055	0.0072 U	0.015	0.079
Bromodichloromethane	92	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromoform	720	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Bromomethane	2,900	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
2-Butanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Carbon Disulfide	200,000	0.0097 U	0.023	0.0072 U	0.012 U	0.013 U
Carbon Tetrachloride	44	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chlorobenzene	41,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloroethane	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Chloroform	940	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Chloromethane	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Dibromochloromethane	41,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethane	200,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloroethane	63	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1-Dichloroethene	18,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	20,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	41,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,2-Dichloropropane	84	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	57	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	57	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Ethylbenzene	200,000	0.0097 U	0.044	0.0072 U	0.012 U	0.15
2-Hexanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
4-Methyl-2-Pentanone	--	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Methylene Chloride	760	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
Styrene	410,000	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Tetrachloroethene	110	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Toluene	410,000	0.0097 U	0.036	0.0072 U	0.012 U	0.041
1,1,1-Trichloroethane	--	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
1,1,2-Trichloroethane	8,200	0.0097 U	0.012 U	0.0072 U	0.012 U	0.013 U
Trichloroethene	520	0.0097 U	0.021	0.0072 U	0.012 U	0.013 U
Vinyl Chloride	7.9	0.019 U	0.024 U	0.014 U	0.024 U	0.025 U
m,p-Xylene*	1,000,000	0.0097 U	0.028	0.0072 U	0.012 U	0.11
o-Xylene*	1,000,000	0.0097 U	0.025	0.0096	0.012 U	0.12

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-chloroethyl)ether	5	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Bis(2-ethylhexyl)phthalate	410	0.37 U	0.37 U	0.49	0.38 U	0.38 U
4-Bromophenyl phenyl ether	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Butyl benzyl phthalate	410,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Carbazole	290	0.37 U	0.52	2.9	0.67	2.2
4-Chloro-3-methylphenol	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	8,200	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chloronaphthalene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	10,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dibenzofuran	--	0.37 U	0.37 U	0.36 U	0.38 U	0.4
1,2-Dichlorobenzene	180,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,3-Dichlorobenzene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,4-Dichlorobenzene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	13	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4-Dichlorophenol	6,100	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Diethyl phthalate	1,000,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Dimethyl phthalate	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-butyl phthalate	200,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4-Dimethylphenol	41,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrophenol	4,100	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrotoluene	8.4	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,6-Dinitrotoluene	8.4	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Di-n-octyl phthalate	41,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobenzene	4	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorobutadiene	--	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachlorocyclopentadiene	14,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Hexachloroethane	2,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
Isophorone	410,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	--	0.37 U	0.85	0.57	0.54	2.7
2-Methylphenol	100,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
4-Methylphenol	--	0.37 U	0.56	0.36 U	0.38 U	0.38 U
2-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
3-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitroaniline	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Nitrobenzene	1,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2-Nitrophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4-Nitrophenol	--	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	0.8	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
N-Nitrosodiphenylamine	1,200	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.015 U	0.016 U	0.016 U
Pentachlorophenol	24	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Phenol	1,000,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
1,2,4-Trichlorobenzene	20,000	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U
2,4,5-Trichlorophenol	200,000	0.74 U	0.75 U	0.71 U	0.76 U	0.76 U
2,4,6-Trichlorophenol	520	0.37 U	0.37 U	0.36 U	0.38 U	0.38 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SP02-001 2-3	SP03-001 2-3	SP05-001 2-3	SP06-001 2-3
PAHs (mg/kg)						
Acenaphthene	120,000	0.037	0.45	0.69	0.84	1.4
Acenaphthylene	--	0.032	1.2	0.32	1.3	0.59
Anthracene	610,000	0.27	1.5	0.75	1.1	1.7
Benzo(a)anthracene	8	0.34	3.5	2.5	3	3.3
Benzo(b)fluoranthene	8	0.44	2.2	1.8	1.9	2
Benzo(k)fluoranthene	78	0.44	2.7	1.6	2.5	2.4
Benzo(g,h,i)perylene	--	0.31	2	0.94	1.2	1.4
Benzo(a)pyrene	0.8	0.32	3.1	2.3	3.3	3.3
Chrysene	780	0.71	4.1	2.5	3.5	4.2
Dibenzo(a,h)anthracene	0.8	0.16	0.81	0.39	0.55	0.71
Fluoranthene	82,000	1.4	6.2	4.1	4.3	7.2
Fluorene	82,000	0.067	0.63	0.65	0.77	1.5
Indeno(1,2,3-cd)pyrene	8	0.31	2	0.93	1.3	1.6
Naphthalene	41,000	0.36	0.84	0.75	0.22	4.2
Phenanthrene	--	0.64	3.8	3.7	2.9	7
Pyrene	61,000	1.5	8.6	4.5	6.6	6.1
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1221	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1232	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1242	--	0.09 U	0.094	0.4	0.092 U	0.29
Aroclor 1248	--	0.09 U	0.09 U	0.084 U	0.092 U	0.092 U
Aroclor 1254	--	0.18 U	0.18 U	0.33	0.19 U	0.29
Aroclor 1260	--	0.18 U	0.18 U	0.16 U	0.19 U	0.18 U
Total PCBs	1	0.810 U	0.814	1.226	0.84 U	1.128
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	0.97 UJ	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	13.0	8.1	6.5	7.2	9	7.3
Barium	140,000	61 J	82 J	68 J	78 J	160 J
Beryllium	4,100	0.75	1.1	1	1.1	0.95
Cadmium	2,000	0.91	0.79	1.1	1.1	1.2
Chromium	6,100	14 J	15 J	20 J	14 J	13 J
Copper	82,000	66 J	43 J	110 J	140 J	35 J
Lead	400	380 J	130 J	150 J	160 J	450 J
Mercury	610	0.35	0.15	0.076	0.32	0.22
Nickel	41,000	17 J	20 J	23 J	20 J	17 J
Selenium	10,000	0.97 U	1 U	1.1 U	1.1 U	1.1 U
Silver	10,000	0.97 U	1 U	1.1 U	1.1 U	1.1 U
Thallium	160	0.97 U	1	1.1 U	1.1 U	1.1 U
Zinc	610,000	160 J	90 J	290 J	240 J	320 J
Total Cyanide	41,000	0.31 U	0.26 U	0.23 U	0.27 U	0.25 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP11-001 0-0.5	SP13-001 1-2
TCL Volatiles (mg/kg)						
Acetone	200,000	0.06 U	0.047 U	0.062 J	0.057 U	0.062
Benzene	100	0.012 U	0.0095 U	0.0092 J	0.011 U	0.012 U
Bromodichloromethane	92	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Bromoform	720	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Bromomethane	2,900	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
2-Butanone	--	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
Carbon Disulfide	200,000	0.04	0.0095 U	0.0074 U	0.011 U	0.012 U
Carbon Tetrachloride	44	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Chlorobenzene	41,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Chloroethane	--	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
Chloroform	940	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Chloromethane	--	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Dibromochloromethane	41,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethane	200,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloroethane	63	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,1-Dichloroethene	18,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	20,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
trans-1,2-Dichloroethene	41,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,2-Dichloropropane	84	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	57	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	57	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Ethylbenzene	200,000	0.013	0.0095 U	0.014 J	0.011 U	0.012 U
2-Hexanone	--	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
4-Methyl-2-Pentanone	--	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
Methylene Chloride	760	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
Styrene	410,000	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Tetrachloroethene	110	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Toluene	410,000	0.012	0.0095 U	0.0087 J	0.011 U	0.012 U
1,1,1-Trichloroethane	--	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
1,1,2-Trichloroethane	8,200	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Trichloroethene	520	0.012 U	0.0095 U	0.0074 U	0.011 U	0.012 U
Vinyl Chloride	7.9	0.024 U	0.019 U	0.015 U	0.023 U	0.025 U
m,p-Xylene*	1,000,000	0.016	0.0095 U	0.021 J	0.011 U	0.012 U
o-Xylene*	1,000,000	0.012 U	0.0095 U	0.014 J	0.011 U	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) J - Indicates an estimated value.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP11-001 0-0.5	SP13-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Bis(2-chloroethyl)ether	5	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	410	0.37 U	2.9	2.1	1.1	0.36 U
4-Bromophenyl phenyl ether	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Butyl benzyl phthalate	410,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Carbazole	290	0.47	0.41 U	1.1	0.38 U	0.36 U
4-Chloro-3-methylphenol	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
4-Chloroaniline	8,200	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2-Chloronaphthalene	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2-Chlorophenol	10,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Dibenzofuran	--	0.37 U	0.41 U	2	0.38 U	0.36 U
1,2-Dichlorobenzene	180,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
1,3-Dichlorobenzene	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
1,4-Dichlorobenzene	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
3,3'-Dichlorobenzidine	13	0.74 U	0.81 U	0.72 U	0.76 U	0.73 U
2,4-Dichlorophenol	6,100	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Diethyl phthalate	1,000,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Dimethyl phthalate	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Di-n-butyl phthalate	200,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2,4-Dimethylphenol	41,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
2,4-Dinitrophenol	4,100	1.8 U	2 U	1.8 U	1.8 U	1.8 U
2,4-Dinitrotoluene	8.4	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2,6-Dinitrotoluene	8.4	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Di-n-octyl phthalate	41,000	0.37 U	0.71	0.36 U	0.38 U	0.36 U
Hexachlorobenzene	4	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Hexachlorobutadiene	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Hexachlorocyclopentadiene	14,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Hexachloroethane	2,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
Isophorone	410,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2-Methylnaphthalene	--	0.4	0.41 U	27	1.1	0.86
2-Methylphenol	100,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
4-Methylphenol	--	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2-Nitroaniline	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
3-Nitroaniline	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
4-Nitroaniline	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
Nitrobenzene	1,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2-Nitrophenol	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
4-Nitrophenol	--	1.8 U	2 U	1.8 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	0.8	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
N-Nitrosodiphenylamine	1,200	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.017 U	0.015 U	0.016 U	0.015 U
Pentachlorophenol	24	1.8 U	2 U	1.8 U	1.8 U	1.8 U
Phenol	1,000,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
1,2,4-Trichlorobenzene	20,000	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	200,000	0.74 U	0.81 U	0.72 U	0.76 U	0.73 U
2,4,6-Trichlorophenol	520	0.37 U	0.41 U	0.36 U	0.38 U	0.36 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP07-001 1-2	SP08-001 0-0.5	SB10-001 1-2	SP11-001 0-0.5	SP13-001 1-2
PAHs (mg/kg)						
Acenaphthene	120,000	0.28 U	0.031 U	2.4	1.1	0.16
Acenaphthylene	--	0.39	0.28	1.9	0.86	0.069
Anthracene	610,000	0.54	0.4	7.1	2.5	0.13
Benzo(a)anthracene	8	1.5	1.4	1.6	0.9	0.037
Benzo(b)fluoranthene	8	1.3	1.2	3.5	1.7	0.13
Benzo(k)fluoranthene	78	0.98	0.9	3.4	1.6	0.11
Benzo(g,h,i)perylene	--	0.77	0.9	3.6	0.62	0.2
Benzo(a)pyrene	0.8	1.6	1.7	3.9	1.8	0.094
Chrysene	780	1.6	1.5	9	3.1	0.26
Dibenzo(a,h)anthracene	0.8	0.28 U	0.33	1.2	0.3	0.084
Fluoranthene	82,000	2.5	1.7	11	3.7	0.21
Fluorene	82,000	0.28 U	0.078	6.9	1.3	0.15
Indeno(1,2,3-cd)pyrene	8	0.71	0.83	2.6	0.44	0.14
Naphthalene	41,000	0.28	0.041	10	1.5	0.83
Phenanthrene	--	2.1	1	24	6.5	0.34
Pyrene	61,000	2.8	2.1	14	7.8	0.28
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.099 U	0.09 U	0.092 U	0.09 U
Aroclor 1221	--	0.091 U	0.099 U	0.09 U	0.092 U	0.09 U
Aroclor 1232	--	0.091 U	0.099 U	0.09 U	0.092 U	0.09 U
Aroclor 1242	--	1.5	0.37	3.9	0.49	0.98
Aroclor 1248	--	0.091 U	0.099 U	0.09 U	0.092 U	0.09 U
Aroclor 1254	--	0.91 U	0.28	3.3	0.45	0.9 U
Aroclor 1260	--	0.18 U	0.2 U	0.18 U	0.18 U	0.18 U
Total PCBs	1	2.954	1.246	7.74	1.488	2.42
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	1 UJ	1.2 U	1.1 J	1.1 UJ	1 J
Arsenic	13.0	4.4	7.2	7.2	5.4	7.3
Barium	140,000	370 J	76 J	140 J	120 J	86 J
Beryllium	4,100	5.7	1.1	0.84	1.1	0.79
Cadmium	2,000	1.4	0.75	1.9	1.2	0.7
Chromium	6,100	120 J	15 J	26 J	16 J	14 J
Copper	82,000	400 J	50 J	120 J	90 J	40 J
Lead	400	180 J	200 J	260 J	140 J	250 J
Mercury	610	0.091	1.4	0.3	0.1	2.9
Nickel	41,000	17 J	19 J	25 J	26 J	19 J
Selenium	10,000	2.8	1.2 U	0.9 U	1.1 U	1 U
Silver	10,000	1 U	1.2 U	0.9 U	1.1 U	1 U
Thallium	160	1 U	1.2 U	1.3	1.5	1.5
Zinc	610,000	180 J	170 J	830 J	220 J	94 J
Total Cyanide	41,000	0.26 U	0.33 U	0.36	0.89	0.26 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2	SB18-001 1-2
TCL Volatiles (mg/kg)						
Acetone	200,000	0.051 U	0.037 U	0.053 U	0.06 U	0.062 U
Benzene	100	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Bromodichloromethane	92	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Bromoform	720	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Bromomethane	2,900	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
2-Butanone	--	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
Carbon Disulfide	200,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Carbon Tetrachloride	44	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Chlorobenzene	41,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Chloroethane	--	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
Chloroform	940	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Chloromethane	--	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Dibromochloromethane	41,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,1-Dichloroethane	200,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,2-Dichloroethane	63	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,1-Dichloroethene	18,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	20,000	0.01 U	0.0074 U	0.053	0.012 U	0.012 U
trans-1,2-Dichloroethene	41,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,2-Dichloropropane	84	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	57	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	57	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Ethylbenzene	200,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
2-Hexanone	--	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
4-Methyl-2-Pentanone	--	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
Methylene Chloride	760	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
Styrene	410,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Tetrachloroethene	110	0.01 U	0.0074 U	0.1	0.012 U	0.012 U
Toluene	410,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,1,1-Trichloroethane	--	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
1,1,2-Trichloroethane	8,200	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
Trichloroethene	520	0.01 U	0.0074 U	0.017	0.012 U	0.012 U
Vinyl Chloride	7.9	0.02 U	0.015 U	0.021 U	0.024 U	0.025 U
m,p-Xylene*	1,000,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U
o-Xylene*	1,000,000	0.01 U	0.0074 U	0.011 U	0.012 U	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2	SB18-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Bis(2-chloroethyl)ether	5	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Bis(2-ethylhexyl)phthalate	410	0.49	0.58	1.6	0.94	1.2
4-Bromophenyl phenyl ether	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Butyl benzyl phthalate	410,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Carbazole	290	0.35 U	0.4 U	0.75	0.36 U	0.35 U
4-Chloro-3-methylphenol	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
4-Chloroaniline	8,200	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2-Chloronaphthalene	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2-Chlorophenol	10,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Dibenzofuran	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
1,2-Dichlorobenzene	180,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
1,3-Dichlorobenzene	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
1,4-Dichlorobenzene	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
3,3'-Dichlorobenzidine	13	0.71 U	0.81 U	0.73 U	0.73 U	0.7 U
2,4-Dichlorophenol	6,100	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Diethyl phthalate	1,000,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Dimethyl phthalate	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Di-n-butyl phthalate	200,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2,4-Dimethylphenol	41,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
4,6-Dinitro-2-methylphenol	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrophenol	4,100	1.7 U	2 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene	8.4	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2,6-Dinitrotoluene	8.4	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Di-n-octyl phthalate	41,000	0.35 U	0.4 U	0.36 U	0.36 U	1.6
Hexachlorobenzene	4	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Hexachlorobutadiene	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Hexachlorocyclopentadiene	14,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Hexachloroethane	2,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
Isophorone	410,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2-Methylnaphthalene	--	0.35 U	0.4 U	0.64	0.36 U	0.47
2-Methylphenol	100,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
4-Methylphenol	--	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2-Nitroaniline	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
3-Nitroaniline	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
4-Nitroaniline	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
Nitrobenzene	1,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2-Nitrophenol	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
4-Nitrophenol	--	1.7 U	2 U	1.8 U	1.8 U	1.7 U
N-Nitrosodi-n-propylamine	0.8	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
N-Nitrosodiphenylamine	1,200	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.017 U	0.015 U	0.015 U	0.015 U
Pentachlorophenol	24	1.7 U	2 U	1.8 U	1.8 U	1.7 U
Phenol	1,000,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
1,2,4-Trichlorobenzene	20,000	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U
2,4,5-Trichlorophenol	200,000	0.71 U	0.81 U	0.73 U	0.73 U	0.7 U
2,4,6-Trichlorophenol	520	0.35 U	0.4 U	0.36 U	0.36 U	0.35 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB14-001 1-2	SB15-001 0-0.5	SP16-001 2-3	SB17-001 1-2	SB18B-001 1-2
PAHs (mg/kg)						
Acenaphthene	120,000	0.15	0.031 U	0.5	0.036	0.19
Acenaphthylene	--	0.18	0.13	0.15	0.049	0.12
Anthracene	610,000	0.25	0.031 U	0.81	0.21	0.67
Benzo(a)anthracene	8	3.5	0.15	0.36	0.089	0.31
Benzo(b)fluoranthene	8	1.8	0.13	0.92	0.15	0.57
Benzo(k)fluoranthene	78	1.6	0.13	1.1	0.12	0.6
Benzo(g,h,i)perylene	--	0.66	0.17	0.81	0.034	0.8
Benzo(a)pyrene	0.8	3	0.2	0.75	0.069	0.41
Chrysene	780	3.2	0.21	2.3	0.087	1.7
Dibenzo(a,h)anthracene	0.8	0.35	0.057	0.28	0.028 U	0.25
Fluoranthene	82,000	4.2	0.24	1.8	0.12	1.2
Fluorene	82,000	0.15	0.031 U	0.44	0.046	0.3
Indeno(1,2,3-cd)pyrene	8	0.67	0.14	0.54	0.034	0.52
Naphthalene	41,000	0.19	0.031 U	0.64	0.051	0.42
Phenanthrene	--	0.3	0.17	2.2	0.21	1.9
Pyrene	61,000	11	0.33	2.7	0.18	1.8
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.096 U	0.088 U	0.088 U	0.085 U
Aroclor 1221	--	0.085 U	0.096 U	0.088 U	0.088 U	0.085 U
Aroclor 1232	--	0.085 U	0.096 U	0.088 U	0.088 U	0.085 U
Aroclor 1242	--	0.12	0.22	4.7	0.15	1.9
Aroclor 1248	--	0.085 U	0.096 U	0.088 U	0.088 U	0.085 U
Aroclor 1254	--	0.17 U	0.2 U	4.3	0.18 U	1.6
Aroclor 1260	--	0.17 U	0.2 U	0.18 U	0.18 U	0.17 U
Total PCBs	1	0.800	1.004	9.532	0.862	4.01
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	0.98 UJ	1 UJ	1.1 J	1 UJ	1 J
Arsenic	13.0	3.3	9.3	6.7	1.4	4
Barium	140,000	32 J	150 J	130 J	9.4 J	99 J
Beryllium	4,100	0.61	0.99	1.3	0.54	0.79
Cadmium	2,000	0.59	2.2	2.3	0.5 U	1.1
Chromium	6,100	12 J	33 J	47 J	5.3 J	12 J
Copper	82,000	18 J	120 J	170 J	4.9 J	67 J
Lead	400	85 J	340 J	150 J	7.3 J	130 J
Mercury	610	0.06	0.23	0.43	0.04	0.2
Nickel	41,000	10 J	31 J	40 J	3.3 J	11 J
Selenium	10,000	0.98 U	1 U	1 U	1 U	0.93 U
Silver	10,000	0.98 U	1 U	1 U	1 U	0.93 U
Thallium	160	0.98 U	1	1.4	1 U	1.2
Zinc	610,000	91 J	550 J	600 J	55 J	240 J
Total Cyanide	41,000	0.28 U	0.32 U	0.26 U	0.28 U	0.26 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB23-001 1-2	SB24-001 1-2
TCL Volatiles (mg/kg)						
Acetone	200,000	0.05	0.12	0.036	0.056 U	0.056 U
Benzene	100	0.039	0.0084 U	0.077	0.011 U	0.011 U
Bromodichloromethane	92	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Bromoform	720	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Bromomethane	2,900	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
2-Butanone	--	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
Carbon Disulfide	200,000	0.0081 U	0.011	0.0065 U	0.011 U	0.011 U
Carbon Tetrachloride	44	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Chlorobenzene	41,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Chloroethane	--	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
Chloroform	940	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Chloromethane	--	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Dibromochloromethane	41,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,1-Dichloroethane	200,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,2-Dichloroethane	63	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,1-Dichloroethene	18,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
cis-1,2-Dichloroethene	20,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
trans-1,2-Dichloroethene	41,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,2-Dichloropropane	84	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
cis-1,3-Dichloropropene	57	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
trans-1,3-Dichloropropene	57	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Ethylbenzene	200,000	0.22	0.014	0.12	0.011 U	0.016
2-Hexanone	--	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
4-Methyl-2-Pentanone	--	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
Methylene Chloride	760	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
Styrene	410,000	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Tetrachloroethene	110	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Toluene	410,000	0.064	0.0097	0.018	0.011 U	0.011 U
1,1,1-Trichloroethane	--	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
1,1,2-Trichloroethane	8,200	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Trichloroethene	520	0.0081 U	0.0084 U	0.0065 U	0.011 U	0.011 U
Vinyl Chloride	7.9	0.016 U	0.017 U	0.013 U	0.022 U	0.022 U
m,p-Xylene*	1,000,000	0.2	0.031	0.034	0.011 U	0.011 U
o-Xylene*	1,000,000	0.12	0.011	0.036	0.011 U	0.011 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) J - Indicates an estimated value.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB23-001 1-2	SB24-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Bis(2-chloroethyl)ether	5	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Bis(2-ethylhexyl)phthalate	410	0.63	2.7	0.59 J	2.1	1.7 U
4-Bromophenyl phenyl ether	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Butyl benzyl phthalate	410,000	0.36 U	0.58	0.38 U	1.8 U	1.7 U
Carbazole	290	3.2	0.53	0.91 J	1.8 U	4.1
4-Chloro-3-methylphenol	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
4-Chloroaniline	8,200	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2-Chloronaphthalene	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2-Chlorophenol	10,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Dibenzofuran	--	0.94	0.38 U	0.9	1.8 U	1.7 U
1,2-Dichlorobenzene	180,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
1,3-Dichlorobenzene	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
1,4-Dichlorobenzene	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
3,3'-Dichlorobenzidine	13	0.72 U	0.75 U	0.75 U	3.7 U	3.5 U
2,4-Dichlorophenol	6,100	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Diethyl phthalate	1,000,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Dimethyl phthalate	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Di-n-butyl phthalate	200,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2,4-Dimethylphenol	41,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
2,4-Dinitrophenol	4,100	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
2,4-Dinitrotoluene	8.4	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2,6-Dinitrotoluene	8.4	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Di-n-octyl phthalate	41,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Hexachlorobenzene	4	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Hexachlorobutadiene	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Hexachlorocyclopentadiene	14,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Hexachloroethane	2,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
Isophorone	410,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2-Methylnaphthalene	--	20	0.59	2.3 J	1.8 U	1.7 U
2-Methylphenol	100,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
4-Methylphenol	--	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2-Nitroaniline	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
3-Nitroaniline	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
4-Nitroaniline	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
Nitrobenzene	1,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2-Nitrophenol	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
4-Nitrophenol	--	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
N-Nitrosodi-n-propylamine	0.8	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
N-Nitrosodiphenylamine	1,200	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.016 U	0.38 U	0.078 U	0.073 U
Pentachlorophenol	24	1.7 U	1.8 U	1.8 U	8.9 U	8.4 U
Phenol	1,000,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
1,2,4-Trichlorobenzene	20,000	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U
2,4,5-Trichlorophenol	200,000	0.72 U	0.75 U	0.75 U	3.7 U	3.5 U
2,4,6-Trichlorophenol	520	0.36 U	0.38 U	0.38 U	1.8 U	1.7 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB23-001 1-2	SB24-001 1-2
PAHs (mg/kg)						
Acenaphthene	120,000	3.1	0.31	3.3 J	2.1	0.63
Acenaphthylene	--	2.3	0.19	2.5 J	5	0.34
Anthracene	610,000	3.1	0.78	5 J	4.1	2.1
Benzo(a)anthracene	8	1.4	0.26	1.6 J	5.9	0.29
Benzo(b)fluoranthene	8	3.4	2	3.1 J	3.1	1.5
Benzo(k)fluoranthene	78	3	1.9	3.5 J	3.2	1.3
Benzo(g,h,i)perylene	--	3	0.89	3.7 J	1.6	1.5
Benzo(a)pyrene	0.8	2.7	0.67	4 J	5	1.7
Chrysene	780	5.4	1.4	5.6 J	6.6	3.6
Dibenzo(a,h)anthracene	0.8	1.3	0.3	1.1 J	1.4 U	0.72
Fluoranthene	82,000	7.4	2.4	8.1 J	9.4	6.4
Fluorene	82,000	3.2	0.31	3.6 J	2.4	0.67
Indeno(1,2,3-cd)pyrene	8	2.5	0.62	2.5 J	1.4 U	1.4
Naphthalene	41,000	13	0.47	2.4 J	1.8	0.65
Phenanthrene	--	9.7	2.5	13 J	10	5.4
Pyrene	61,000	8.9	1.9	14 J	14	7
PCBs (mg/kg)						
Aroclor 1016	--	0.087 U	0.091 U	0.091 U	0.089 U	0.087 U
Aroclor 1221	--	0.087 U	0.091 U	0.091 U	0.089 U	0.087 U
Aroclor 1232	--	0.087 U	0.091 U	0.091 U	0.089 U	0.087 U
Aroclor 1242	--	0.55	1.3	0.1	0.95	1.1
Aroclor 1248	--	0.087 U	0.091 U	0.091 U	0.089 U	0.087 U
Aroclor 1254	--	0.52	0.91 U	0.18 U	0.72	0.9
Aroclor 1260	--	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U
Total PCBs	1	1.588	2.754	0.824	2.206	2.518
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	0.98 J	1 J	0.97 UJ	1.1 J	1.1 J
Arsenic	13.0	2.5	4.3	6.9	5	2.5
Barium	140,000	69 J	150 J	76 J	98 J	110 J
Beryllium	4,100	0.5	0.87	0.48 U	0.76	0.62
Cadmium	2,000	0.44	1.3	0.89	0.88	1.2
Chromium	6,100	9.2 J	15 J	15 J	10 J	13 J
Copper	82,000	33 J	37 J	48 J	41 J	60 J
Lead	400	46 J	94 J	120 J	140 J	150 J
Mercury	610	0.1	0.53	0.33	0.21	0.2
Nickel	41,000	12 J	14 J	22 J	13 J	12 J
Selenium	10,000	0.82 U	1 U	0.97 U	0.99 U	0.96 U
Silver	10,000	0.82 U	1 U	0.97 U	0.99 U	0.96 U
Thallium	160	1.1	1.5	0.97 U	1.4	1.3
Zinc	610,000	98 J	210 J	150 J	120 J	270 J
Total Cyanide	41,000	0.25 U	0.32 U	0.3 U	0.28 U	0.22 U

NOTES:

(1) -- - Toxicity criteria not available for exposure route.

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

(3) J - Indicates an estimated value.

(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB25-001 1-2	SB28-001 2-3	SB31-001 2-3	SB32-001 2-3
TCL Volatiles (mg/kg)					
Acetone	200,000	0.12	0.093	0.03	0.067 U
Benzene	100	1.5	0.041	0.024	5.2
Bromodichloromethane	92	0.0091 U	0.0087 U	0.0042 U	0.013 U
Bromoform	720	0.0091 U	0.0087 U	0.0042 U	0.013 U
Bromomethane	2,900	0.018 U	0.017 U	0.0084 U	0.027 U
2-Butanone	--	0.026	0.017 U	0.0084 U	0.027 U
Carbon Disulfide	200,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
Carbon Tetrachloride	44	0.0091 U	0.0087 U	0.0042 U	0.013 U
Chlorobenzene	41,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
Chloroethane	--	0.018 U	0.017 U	0.0084 U	0.027 U
Chloroform	940	0.0091 U	0.0087 U	0.0042 U	0.013 U
Chloromethane	--	0.0091 U	0.0087 U	0.0042 U	0.013 U
Dibromochloromethane	41,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,1-Dichloroethane	200,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,2-Dichloroethane	63	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,1-Dichloroethene	18,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
cis-1,2-Dichloroethene	20,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
trans-1,2-Dichloroethene	41,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,2-Dichloropropane	84	0.0091 U	0.0087 U	0.0042 U	0.013 U
cis-1,3-Dichloropropene	57	0.0091 U	0.0087 U	0.0042 U	0.013 U
trans-1,3-Dichloropropene	57	0.0091 U	0.0087 U	0.0042 U	0.013 U
Ethylbenzene	200,000	2.8	0.059	0.038	1.5
2-Hexanone	--	0.018 U	0.017 U	0.0084 U	0.027 U
4-Methyl-2-Pentanone	--	0.018 U	0.017 U	0.0084 U	0.027 U
Methylene Chloride	760	0.018 U	0.017 U	0.0084 U	0.027 U
Styrene	410,000	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0091 U	0.0087 U	0.0042 U	0.013 U
Tetrachloroethene	110	0.0091 U	0.0087 U	0.0042 U	0.013 U
Toluene	410,000	0.03	0.0087 U	0.032	0.77
1,1,1-Trichloroethane	--	0.0091 U	0.0087 U	0.0042 U	0.013 U
1,1,2-Trichloroethane	8,200	0.0091 U	0.0087 U	0.0042 U	0.013 U
Trichloroethene	520	0.0091 U	0.0087 U	0.0042 U	0.013 U
Vinyl Chloride	7.9	0.018 U	0.017 U	0.0084 U	0.027 U
m,p-Xylene*	1,000,000	0.068	0.012	0.047	0.62
o-Xylene*	1,000,000	0.72	0.015	0.029	0.47

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB25-001 1-2	SB28-001 2-3	SB31-001 2-3	SB32-001 2-3
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	0.36 U	0.39 U	0.33 U	0.33 U
Bis(2-chloroethyl)ether	5	0.36 U	0.39 U	0.33 U	0.33 U
Bis(2-ethylhexyl)phthalate	410	0.36 U	0.45	0.33 U	0.99
4-Bromophenyl phenyl ether	--	0.36 U	0.39 U	0.33 U	0.33 U
Butyl benzyl phthalate	410,000	0.36 U	0.39 U	0.33 U	0.33 U
Carbazole	290	1.9	0.39 U	0.33 U	0.46
4-Chloro-3-methylphenol	--	0.36 U	0.39 U	0.33 U	0.33 U
4-Chloroaniline	8,200	0.36 U	0.39 U	0.33 U	0.33 U
2-Chloronaphthalene	--	0.36 U	0.39 U	0.33 U	0.33 U
2-Chlorophenol	10,000	0.36 U	0.39 U	0.33 U	0.33 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.39 U	0.33 U	0.33 U
Dibenzofuran	--	0.84	0.5	0.33 U	0.33 U
1,2-Dichlorobenzene	180,000	0.36 U	0.39 U	0.33 U	0.33 U
1,3-Dichlorobenzene	--	0.36 U	0.39 U	0.33 U	0.33 U
1,4-Dichlorobenzene	--	0.36 U	0.39 U	0.33 U	0.33 U
3,3'-Dichlorobenzidine	13	0.72 U	0.78 U	0.33 U	0.66 U
2,4-Dichlorophenol	6,100	0.36 U	0.39 U	0.33 U	0.33 U
Diethyl phthalate	1,000,000	0.36 U	0.39 U	0.33 U	0.33 U
Dimethyl phthalate	--	0.36 U	0.39 U	0.33 U	0.33 U
Di-n-butyl phthalate	200,000	0.36 U	0.39 U	0.33 U	0.33 U
2,4-Dimethylphenol	41,000	0.36 U	0.39 U	0.33 U	0.33 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.9 U	1.7 U	1.6 U
2,4-Dinitrophenol	4,100	1.7 U	1.9 U	1.7 U	1.6 U
2,4-Dinitrotoluene	8.4	0.36 U	0.39 U	0.33 U	0.33 U
2,6-Dinitrotoluene	8.4	0.36 U	0.39 U	0.33 U	0.33 U
Di-n-octyl phthalate	41,000	0.36 U	0.39 U	0.33 U	0.33 U
Hexachlorobenzene	4	0.36 U	0.39 U	0.33 U	0.33 U
Hexachlorobutadiene	--	0.36 U	0.39 U	0.33 U	0.33 U
Hexachlorocyclopentadiene	14,000	0.36 U	0.39 U	0.33 U	0.33 U
Hexachloroethane	2,000	0.36 U	0.39 U	0.33 U	0.33 U
Isophorone	410,000	0.36 U	0.39 U	0.33 U	0.33 U
2-Methylnaphthalene	--	4.1	1.1	0.33 U	0.33 U
2-Methylphenol	100,000	0.36 U	0.39 U	0.33 U	0.33 U
4-Methylphenol	--	0.36 U	0.39 U	0.33 U	0.33 U
2-Nitroaniline	--	1.7 U	1.9 U	1.7 U	1.6 U
3-Nitroaniline	--	1.7 U	1.9 U	1.7 U	1.6 U
4-Nitroaniline	--	1.7 U	1.9 U	1.7 U	1.6 U
Nitrobenzene	1,000	0.36 U	0.39 U	0.33 U	0.33 U
2-Nitrophenol	--	1.7 U	1.9 U	1.7 U	1.6 U
4-Nitrophenol	--	1.7 U	1.9 U	1.7 U	1.6 U
N-Nitrosodi-n-propylamine	0.8	0.36 U	0.39 U	0.33 U	0.33 U
N-Nitrosodiphenylamine	1,200	0.36 U	0.39 U	0.33 U	0.33 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.39 U	0.33 U	0.014 U
Pentachlorophenol	24	1.7 U	1.9 U	1.7 U	1.6 U
Phenol	1,000,000	0.36 U	0.39 U	15	0.33 U
1,2,4-Trichlorobenzene	20,000	0.36 U	0.39 U	0.33 U	0.33 U
2,4,5-Trichlorophenol	200,000	0.72 U	0.78 U	0.66 U	0.66 U
2,4,6-Trichlorophenol	520	0.36 U	0.39 U	0.33 U	0.33 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB25-001 1-2	SB28-001 2-3	SB31-001 2-3	SB32-001 2-3
PAHs (mg/kg)					
Acenaphthene	120,000	8.3	1.7	0.44	0.8
Acenaphthylene	--	6.1	1.4	0.13 U	1.2
Anthracene	610,000	8.1	3.5	0.7	1.5
Benzo(a)anthracene	8	8	1.1	0.2	2.7
Benzo(b)fluoranthene	8	4	1.8	0.84	1.2
Benzo(k)fluoranthene	78	3.3	1.9	0.48	0.76
Benzo(g,h,i)perylene	--	2.3	3	1.5	0.61
Benzo(a)pyrene	0.8	5.1	2.6	0.91	1.7
Chrysene	780	9.1	3.8	1.5	2.5
Dibenzo(a,h)anthracene	0.8	0.84	0.89	0.13 U	0.25 U
Fluoranthene	82,000	16	0.051	0.67	3.4
Fluorene	82,000	7	1.1	0.53	1
Indeno(1,2,3-cd)pyrene	8	2.1	1.9	1.1	0.56
Naphthalene	41,000	6.7	1.4	0.68	0.25 U
Phenanthrene	--	30	0.038	2	3.8
Pyrene	61,000	24	0.097	1.1	4.6
PCBs (mg/kg)					
Aroclor 1016	--	0.086 U	0.093 U	0.083 U	0.085 U
Aroclor 1221	--	0.086 U	0.093 U	0.083 U	0.085 U
Aroclor 1232	--	0.086 U	0.093 U	0.083 U	0.085 U
Aroclor 1242	--	0.086 U	0.34	3.7	1.3
Aroclor 1248	--	0.086 U	0.093 U	0.083 U	0.085 U
Aroclor 1254	--	0.17 U	0.2	1.8	1.1
Aroclor 1260	--	0.17 U	0.19 U	0.17 U	0.17 U
Total PCBs	1	0.770 U	1.102	6.002	2.91
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	820	1.1 UJ	1.1 UJ	UJ	1.1 J
Arsenic	13.0	3.2	6.1	5	4.8
Barium	140,000	130 J	67 J	43 J	110 J
Beryllium	4,100	0.76	0.55 U	0.62	1
Cadmium	2,000	0.59	0.71	1.2	1.2
Chromium	6,100	7.8 J	14 J	16 J	29 J
Copper	82,000	18 J	42 J	33 J	91 J
Lead	400	61 J	120 J	120 J	190 J
Mercury	610	0.17	0.53	0.25	0.21
Nickel	41,000	6.9 J	20 J	18 J	18 J
Selenium	10,000	1.1 U	1.1 U	1 U	0.98 U
Silver	10,000	1.1 U	1.1 U	1 U	0.98 U
Thallium	160	1.4	1.1 U	1 U	1.3
Zinc	610,000	73 J	150 J	200 J	260 J
Total Cyanide	41,000	0.27 U	0.29 U	0.24 U	0.25 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Volatiles (mg/kg)					
Acetone	200,000	0.042 U	0.041 U	0.14	0.044 U
Benzene	100	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromodichloromethane	92	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromoform	720	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Bromomethane	2,900	0.017 U	0.017 U	0.014 U	0.018 U
2-Butanone	--	0.017 U	0.017 U	0.015	0.018 U
Carbon Disulfide	200,000	0.0084 U	0.0083 U	0.013	0.0088 U
Carbon Tetrachloride	44	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chlorobenzene	41,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloroethane	--	0.017 U	0.017 U	0.014 U	0.018 U
Chloroform	940	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Chloromethane	--	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Dibromochloromethane	41,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethane	200,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloroethane	63	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1-Dichloroethene	18,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,2-Dichloroethene	20,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,2-Dichloroethene	41,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,2-Dichloropropane	84	0.0084 U	0.0083 U	0.0071 U	0.0088 U
cis-1,3-Dichloropropene	57	0.0084 U	0.0083 U	0.0071 U	0.0088 U
trans-1,3-Dichloropropene	57	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Ethylbenzene	200,000	0.01	0.015	0.0071 U	0.0088 U
2-Hexanone	--	0.017 U	0.017 U	0.014 U	0.018 U
4-Methyl-2-Pentanone	--	0.017 U	0.017 U	0.014 U	0.018 U
Methylene Chloride	760	0.017 U	0.017 U	0.014 U	0.018 U
Styrene	410,000	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2,2-Tetrachloroethane	--	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Tetrachloroethene	110	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Toluene	410,000	0.0084 U	0.013	0.0071 U	0.0088 U
1,1,1-Trichloroethane	--	0.0084 U	0.0083 U	0.0071 U	0.0088 U
1,1,2-Trichloroethane	8,200	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Trichloroethene	520	0.0084 U	0.0083 U	0.0071 U	0.0088 U
Vinyl Chloride	7.9	0.017 U	0.017 U	0.014 U	0.018 U
m,p-Xylene*	1,000,000	0.0084 U	0.043	0.0071 U	0.0088 U
o-Xylene*	1,000,000	0.0084 U	0.033	0.0071 U	0.0088 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	2 U	1.8 U	0.36 U	0.42 U
Bis(2-chloroethyl)ether	5	2 U	1.8 U	0.36 U	0.42 U
Bis(2-ethylhexyl)phthalate	410	2 U	2	5.6	0.42 U
4-Bromophenyl phenyl ether	--	2 U	1.8 U	0.36 U	0.42 U
Butyl benzyl phthalate	410,000	2 U	1.8 U	0.36 U	0.42 U
Carbazole	290	2 U	1.8 U	0.47	0.67
4-Chloro-3-methylphenol	--	2 U	1.8 U	0.36 U	0.42 U
4-Chloroaniline	8,200	2 U	1.8 U	0.36 U	0.42 U
2-Chloronaphthalene	--	2 U	1.8 U	0.36 U	0.42 U
2-Chlorophenol	10,000	2 U	1.8 U	0.36 U	0.42 U
4-Chlorophenyl phenyl ether	--	2 U	1.8 U	0.36 U	0.42 U
Dibenzofuran	--	2 U	1.8 U	0.36 U	0.42 U
1,2-Dichlorobenzene	180,000	2 U	1.8 U	0.36 U	0.42 U
1,3-Dichlorobenzene	--	2 U	1.8 U	0.36 U	0.42 U
1,4-Dichlorobenzene	--	2 U	1.8 U	0.36 U	0.42 U
3,3'-Dichlorobenzidine	13	4.1 U	3.5 U	0.71 U	0.85 U
2,4-Dichlorophenol	6,100	2 U	1.8 U	0.36 U	0.42 U
Diethyl phthalate	1,000,000	2 U	1.8 U	0.36 U	0.42 U
Dimethyl phthalate	--	2 U	1.8 U	0.36 U	0.42 U
Di-n-butyl phthalate	200,000	6.3	1.8 U	0.36 U	0.42 U
2,4-Dimethylphenol	41,000	2 U	1.8 U	0.36 U	0.42 U
4,6-Dinitro-2-methylphenol	--	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrophenol	4,100	9.9 U	8.6 U	1.7 U	2.1 U
2,4-Dinitrotoluene	8.4	2 U	1.8 U	0.36 U	0.42 U
2,6-Dinitrotoluene	8.4	2 U	1.8 U	0.36 U	0.42 U
Di-n-octyl phthalate	41,000	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobenzene	4	2 U	1.8 U	0.36 U	0.42 U
Hexachlorobutadiene	--	2 U	1.8 U	0.36 U	0.42 U
Hexachlorocyclopentadiene	14,000	2 U	1.8 U	0.36 U	0.42 U
Hexachloroethane	2,000	2 U	1.8 U	0.36 U	0.42 U
Isophorone	410,000	2 U	1.8 U	0.36 U	0.42 U
2-Methylnaphthalene	--	2 U	1.8 U	0.36 U	0.42 U
2-Methylphenol	100,000	2 U	1.8 U	0.36 U	0.42 U
4-Methylphenol	--	2 U	1.8 U	0.36 U	0.42 U
2-Nitroaniline	--	9.9 U	8.6 U	1.7 U	2.1 U
3-Nitroaniline	--	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitroaniline	--	9.9 U	8.6 U	1.7 U	2.1 U
Nitrobenzene	1,000	2 U	1.8 U	0.36 U	0.42 U
2-Nitrophenol	--	9.9 U	8.6 U	1.7 U	2.1 U
4-Nitrophenol	--	9.9 U	8.6 U	1.7 U	2.1 U
N-Nitrosodi-n-propylamine	0.8	2 U	1.8 U	0.36 U	0.42 U
N-Nitrosodiphenylamine	1,200	2 U	1.8 U	0.36 U	0.42 U
2, 2' Oxybis(1-Chloropropane)	--	0.087 U	0.075 U	0.015 U	0.018 U
Pentachlorophenol	24	9.9 U	8.6 U	1.7 U	2.1 U
Phenol	1,000,000	2 U	1.8 U	0.36 U	0.42 U
1,2,4-Trichlorobenzene	20,000	2 U	1.8 U	0.36 U	0.42 U
2,4,5-Trichlorophenol	200,000	4.1 U	3.5 U	0.71 U	0.85 U
2,4,6-Trichlorophenol	520	2 U	1.8 U	0.36 U	0.42 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SB33-001 0-0.5	SP34-001 0-0.5	SP35-001 1-2	SP37-001 1-2
PAHs (mg/kg)					
Acenaphthene	120,000	1.5 U	0.13 U	0.11	0.13
Acenaphthylene	--	1.6	0.19	0.082	0.074
Anthracene	610,000	1.8	0.36	0.15	0.33
Benzo(a)anthracene	8	2.8	0.13 U	0.19	0.17
Benzo(b)fluoranthene	8	1.7	0.24	0.47	0.38
Benzo(k)fluoranthene	78	1.5 U	0.24	0.53	0.87
Benzo(g,h,i)perylene	--	1.5 U	0.57	0.57	0.35
Benzo(a)pyrene	0.8	1.8	0.13	0.33	0.32
Chrysene	780	3.2	0.75	0.71	1.1
Dibenzo(a,h)anthracene	0.8	1.5 U	0.13 U	0.076	0.19
Fluoranthene	82,000	3.7	0.21	0.55	2
Fluorene	82,000	1.5 U	0.13 U	0.086	0.12
Indeno(1,2,3-cd)pyrene	8	1.5 U	0.29	0.18	0.36
Naphthalene	41,000	2.1	0.38	0.16	0.18
Phenanthrene	--	4.1	1.3	0.7	1
Pyrene	61,000	5.5	0.36	0.63	2.1
PCBs (mg/kg)					
Aroclor 1016	--	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1221	--	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1232	--	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1242	--	2.5	0.87 U	8.5	0.1 U
Aroclor 1248	--	0.088 U	0.87 U	0.086 U	0.1 U
Aroclor 1254	--	2.2	1.7 U	6	0.2 U
Aroclor 1260	--	0.18 U	1.7 U	0.17 U	0.2 U
Total PCBs	1	5.232	7.75 U	15.014	0.9 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	820	1.1 UJ	1 UJ	6.5 J	1.2 UJ
Arsenic	13.0	5.9	1.2	20	7.2
Barium	140,000	100 J	59 J	520 J	120 J
Beryllium	4,100	0.86	0.57	1.4	1.1
Cadmium	2,000	0.59	0.54	8.1	0.72
Chromium	6,100	11 J	5.1 J	320 J	19 J
Copper	82,000	43 J	6.8 J	480 J	28 J
Lead	400	140 J	25 J	1400 J	61 J
Mercury	610	0.28	0.026 U	2.6	0.33
Nickel	41,000	12 J	7.4 J	210 J	26 J
Selenium	10,000	1.1 U	1 U	0.99 U	1.2 U
Silver	10,000	1.1 U	1 U	1	1.2 U
Thallium	160	1.5	1.3	1.3	2
Zinc	610,000	69 J	29 J	1600 J	73 J
Total Cyanide	41,000	0.29 U	0.27 U	0.28 U	0.35 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP39-001 1-2	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	200,000	0.036 U	0.15	0.079 U	0.065
Benzene	100	0.0071 U	0.013 U	0.016 U	0.12
Bromodichloromethane	92	0.0071 U	0.013 U	0.016 U	0.0094 U
Bromoform	720	0.0071 U	0.013 U	0.016 U	0.0094 U
Bromomethane	2,900	0.014 U	0.027 U	0.031 U	0.019 U
2-Butanone	--	0.014 U	0.031	0.031 U	0.034
Carbon Disulfide	200,000	0.0071 U	0.013 U	0.016 U	0.0094 U
Carbon Tetrachloride	44	0.0071 U	0.013 U	0.016 U	0.0094 U
Chlorobenzene	41,000	0.0071 U	0.013 U	0.016 U	0.0094 U
Chloroethane	--	0.014 U	0.027 U	0.031 U	0.019 U
Chloroform	940	0.0071 U	0.013 U	0.016 U	0.0094 U
Chloromethane	--	0.0071 U	0.013 U	0.016 U	0.0094 U
Dibromochloromethane	41,000	0.0071 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethane	200,000	0.0071 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloroethane	63	0.0071 U	0.013 U	0.016 U	0.0094 U
1,1-Dichloroethene	18,000	0.0071 U	0.013 U	0.016 U	0.0094 U
cis-1,2-Dichloroethene	20,000	0.0071 U	0.013 U	0.016 U	0.0094 U
trans-1,2-Dichloroethene	41,000	0.0071 U	0.013 U	0.016 U	0.0094 U
1,2-Dichloropropane	84	0.0071 U	0.013 U	0.016 U	0.0094 U
cis-1,3-Dichloropropene	57	0.0071 U	0.013 U	0.016 U	0.0094 U
trans-1,3-Dichloropropene	57	0.0071 U	0.013 U	0.016 U	0.0094 U
Ethylbenzene	200,000	0.0071 U	0.013 U	0.016 U	0.37
2-Hexanone	--	0.014 U	0.027 U	0.031 U	0.019 U
4-Methyl-2-Pentanone	--	0.014 U	0.027 U	0.031 U	0.019 U
Methylene Chloride	760	0.014 U	0.027 U	0.031 U	0.019 U
Styrene	410,000	0.0071 U	0.013 U	0.016 U	0.014
1,1,2,2-Tetrachloroethane	--	0.0071 U	0.013 U	0.016 U	0.0094 U
Tetrachloroethene	110	0.0071 U	0.013 U	0.023	0.0094 U
Toluene	410,000	0.008	0.013 U	0.016 U	0.025
1,1,1-Trichloroethane	--	0.0071 U	0.013 U	0.016 U	0.0094 U
1,1,2-Trichloroethane	8,200	0.0071 U	0.013 U	0.016 U	0.0094 U
Trichloroethene	520	0.0071 U	0.013 U	0.016 U	0.0094 U
Vinyl Chloride	7.9	0.014 U	0.027 U	0.031 U	0.019 U
m,p-Xylene*	1,000,000	0.0071 U	0.013 U	0.016 U	0.057
o-Xylene*	1,000,000	0.0071 U	0.013 U	0.016 U	0.17

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- - Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP39-001 1-2	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	1.7 U	0.43 U	1.9 U	0.35 U
Bis(2-chloroethyl)ether	5	1.7 U	0.43 U	1.9 U	0.35 U
Bis(2-ethylhexyl)phthalate	410	1.7 U	0.43 U	9.7	2.1
4-Bromophenyl phenyl ether	--	1.7 U	0.43 U	1.9 U	0.35 U
Butyl benzyl phthalate	410,000	1.7 U	0.43 U	1.9 U	0.35 U
Carbazole	290	1.7 U	0.43 U	1.9 U	0.87
4-Chloro-3-methylphenol	--	1.7 U	0.43 U	1.9 U	0.35 U
4-Chloroaniline	8,200	1.7 U	0.43 U	1.9 U	0.35 U
2-Chloronaphthalene	--	1.7 U	0.43 U	1.9 U	0.35 U
2-Chlorophenol	10,000	1.7 U	0.43 U	1.9 U	0.35 U
4-Chlorophenyl phenyl ether	--	1.7 U	0.43 U	1.9 U	0.35 U
Dibenzofuran	--	1.7 U	0.43 U	1.9 U	0.35 U
1,2-Dichlorobenzene	180,000	1.7 U	0.43 U	1.9 U	0.35 U
1,3-Dichlorobenzene	--	1.7 U	0.43 U	1.9 U	0.35 U
1,4-Dichlorobenzene	--	1.7 U	0.43 U	1.9 U	0.35 U
3,3'-Dichlorobenzidine	13	3.5 U	0.85 U	3.9 U	0.69 U
2,4-Dichlorophenol	6,100	1.7 U	0.43 U	1.9 U	0.35 U
Diethyl phthalate	1,000,000	1.7 U	0.43 U	1.9 U	0.35 U
Dimethyl phthalate	--	1.7 U	0.43 U	1.9 U	0.35 U
Di-n-butyl phthalate	200,000	1.7 U	0.43 U	1.9 U	0.35 U
2,4-Dimethylphenol	41,000	1.7 U	0.43 U	1.9 U	0.35 U
4,6-Dinitro-2-methylphenol	--	8.4 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrophenol	4,100	8.4 U	2.1 U	9.4 U	1.7 U
2,4-Dinitrotoluene	8.4	1.7 U	0.43 U	1.9 U	0.35 U
2,6-Dinitrotoluene	8.4	1.7 U	0.43 U	1.9 U	0.35 U
Di-n-octyl phthalate	41,000	1.7 U	0.43 U	1.9 U	0.35 U
Hexachlorobenzene	4	1.7 U	0.43 U	1.9 U	0.35 U
Hexachlorobutadiene	--	1.7 U	0.43 U	1.9 U	0.35 U
Hexachlorocyclopentadiene	14,000	1.7 U	0.43 U	1.9 U	0.35 U
Hexachloroethane	2,000	1.7 U	0.43 U	1.9 U	0.35 U
Isophorone	410,000	1.7 U	0.43 U	1.9 U	0.35 U
2-Methylnaphthalene	--	1.7 U	0.43 U	1.9 U	1.7
2-Methylphenol	100,000	1.7 U	0.43 U	1.9 U	0.35 U
4-Methylphenol	--	1.7 U	0.43 U	1.9 U	0.35 U
2-Nitroaniline	--	8.4 U	2.1 U	9.4 U	1.7 U
3-Nitroaniline	--	8.4 U	2.1 U	9.4 U	1.7 U
4-Nitroaniline	--	8.4 U	2.1 U	9.4 U	1.7 U
Nitrobenzene	1,000	1.7 U	0.43 U	1.9 U	0.35 U
2-Nitrophenol	--	8.4 U	2.1 U	9.4 U	1.7 U
4-Nitrophenol	--	8.4 U	2.1 U	9.4 U	1.7 U
N-Nitrosodi-n-propylamine	0.8	1.7 U	0.43 U	1.9 U	0.35 U
N-Nitrosodiphenylamine	1,200	1.7 U	0.43 U	1.9 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.074 U	0.018 U	0.082 U	0.015 U
Pentachlorophenol	24	8.4 U	2.1 U	9.4 U	1.7 U
Phenol	1,000,000	1.7 U	0.43 U	1.9 U	0.35 U
1,2,4-Trichlorobenzene	20,000	1.7 U	0.43 U	1.9 U	0.35 U
2,4,5-Trichlorophenol	200,000	3.5 U	0.85 U	3.9 U	0.69 U
2,4,6-Trichlorophenol	520	1.7 U	0.43 U	1.9 U	0.35 U

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 20 (Continued)
Tier 1 Screening: Soil Ingestion Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP39-001 1-2	SP43-001 2-3	SP44-001 0-0.5	SB45-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	120,000	1.3 U	0.072	0.15 U	0.74
Acenaphthylene	--	1.3 U	0.17	0.15 U	0.65
Anthracene	610,000	1.3 U	0.032 U	0.16	1.9
Benzo(a)anthracene	8	1.3 U	0.045	0.15 U	2.5
Benzo(b)fluoranthene	8	1.3 U	0.12	0.78	2
Benzo(k)fluoranthene	78	1.3 U	0.098	0.81	1.9
Benzo(g,h,i)perylene	--	1.3 U	0.062	1.1	1.3
Benzo(a)pyrene	0.8	1.3 U	0.056	0.45	2.4
Chrysene	780	1.3 U	0.3	0.83	3.9
Dibenzo(a,h)anthracene	0.8	1.3 U	0.032 U	0.25	0.37
Fluoranthene	82,000	1.3 U	0.15	0.45	4.1
Fluorene	82,000	1.3 U	0.032 U	0.15 U	1.2
Indeno(1,2,3-cd)pyrene	8	1.3 U	0.043	0.69	0.94
Naphthalene	41,000	1.3 U	0.062	0.15 U	1.8
Phenanthrene	--	1.3	0.19	0.42	3.6
Pyrene	61,000	2	0.14	0.64	6.8
PCBs (mg/kg)					
Aroclor 1016	--	0.087 U	0.1 U	0.094 U	0.084 U
Aroclor 1221	--	0.087 U	0.1 U	0.094 U	0.084 U
Aroclor 1232	--	0.087 U	0.1 U	0.094 U	0.084 U
Aroclor 1242	--	0.087 U	0.1 U	1.5	5.2 U
Aroclor 1248	--	0.087 U	0.1 U	0.094 U	0.084 U
Aroclor 1254	--	0.17 U	0.21 U	1	5.2 U
Aroclor 1260	--	0.17 U	0.21 U	0.19 U	0.17 U
Total PCBs	1	0.775 U	0.92 U	3.066	10.906 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	820	1.1 UJ	1.3 UJ	0.98 J	0.95 UJ
Arsenic	13.0	1.7	9.5	3.8	7.6
Barium	140,000	57 J	170 J	140 J	59 J
Beryllium	4,100	0.59	1.2	1.1	0.63
Cadmium	2,000	0.95	0.85	1.5	1.1
Chromium	6,100	5.6 J	16 J	21 J	13 J
Copper	82,000	9.1 J	73 J	79 J	42 J
Lead	400	23 J	69 J	210 J	240 J
Mercury	610	0.025 U	0.18	0.38	0.3
Nickel	41,000	8.8 J	20 J	16 J	17 J
Selenium	10,000	1.1 U	1.3 U	0.94 U	0.95 U
Silver	10,000	1.1 U	1.3 U	0.94 U	0.95 U
Thallium	160	1.4	1.9	1.3	0.95 U
Zinc	610,000	33 J	100 J	290 J	140 J
Total Cyanide	41,000	0.28 U	0.35 U	0.28 U	1.3

NOTES:
(1) -- - Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded values exceed Tier 1 screening level.

Table 22
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.099	0.041 U	0.17	0.091	0.051
Benzene	1.6	0.0097 U	0.0082 U	0.055	0.015	0.0072 U
Bromodichloromethane	3,000	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromoform	100	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromomethane	15	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
2-Butanone	--	0.019 U	0.016 U	0.024 U	0.02	0.014 U
Carbon Disulfide	720	0.0097 U	0.0082 U	0.023	0.0081 U	0.0072 U
Carbon Tetrachloride	0.640	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chlorobenzene	210	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloroethane	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Chloroform	0.54	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloromethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Dibromochloromethane	1,300	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethane	1,700	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloroethane	0.7	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethene	1,500	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,2-Dichloroethene	1,200	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,2-Dichloroethene	3,100	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloropropane	23	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,3-Dichloropropene	2.1	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,3-Dichloropropene	2.1	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Ethylbenzene	400	0.0097 U	0.0082 U	0.044	0.049	0.0072 U
2-Hexanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
4-Methyl-2-Pentanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Methylene Chloride	24	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Styrene	1,500	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2,2-Tetrachloroethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Tetrachloroethene	20	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Toluene	650	0.0097 U	0.0082 U	0.036	0.0081 U	0.0072 U
1,1,1-Trichloroethane	1,200	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2-Trichloroethane	1,800	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Trichloroethene	8.9	0.0097 U	0.0082 U	0.021	0.0081 U	0.0072 U
Vinyl Chloride	1.1	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
m,p-Xylene*	320	0.0097 U	0.0082 U	0.028	0.0081 U	0.0072 U
o-Xylene*	320	0.0097 U	0.0082 U	0.025	0.012	0.0096

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-chloroethyl)ether	0.47	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	0.45	0.37 U	0.38 U	0.49
4-Bromophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Butyl benzyl phthalate	930	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Carbazole	--	0.37 U	0.38 U	0.52	0.47	2.9
4-Chloro-3-methylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chloroaniline	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chloronaphthalene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chlorophenol	53,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dibenzofuran	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2-Dichlorobenzene	560	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,3-Dichlorobenzene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,4-Dichlorobenzene	17,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
3,3´-Dichlorobenzidine	--	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4-Dichlorophenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Diethyl phthalate	2,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dimethyl phthalate	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-butyl phthalate	2,300	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4-Dimethylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,6-Dinitrotoluene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-octyl phthalate	10,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobenzene	1.8	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobutadiene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorocyclopentadiene	16	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachloroethane	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Isophorone	4,600	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Methylnaphthalene	--	0.37 U	0.38 U	0.85	0.38 U	0.57
2-Methylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Methylphenol	--	0.37 U	0.38 U	0.56	0.38 U	0.36 U
2-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
3-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Nitrobenzene	140	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
N-Nitrosodiphenylamine	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.016 U	0.015 U
Pentachlorophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Phenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2,4-Trichlorobenzene	3,200	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	--	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4,6-Trichlorophenol	390	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.037	0.029 U	0.45	0.19	0.69
Acenaphthylene	--	0.032	0.029 U	1.2	0.13	0.32
Anthracene	--	0.27	0.16	1.5	0.3	0.75
Benzo(a)anthracene	--	0.34	0.34	3.5	0.43	2.5
Benzo(b)fluoranthene	--	0.44	0.32	2.2	0.36	1.8
Benzo(k)fluoranthene	--	0.44	0.26	2.7	0.39	1.6
Benzo(g,h,i)perylene	--	0.31	0.23	2	0.48	0.94
Benzo(a)pyrene	--	0.32	0.21	3.1	0.52	2.3
Chrysene	--	0.71	0.67	4.1	0.62	2.5
Dibenzo(a,h)anthracene	--	0.16	0.099	0.81	0.13	0.39
Fluoranthene	--	1.4	1.1	6.2	0.85	4.1
Fluorene	--	0.067	0.029 U	0.63	0.21	0.65
Indeno(1,2,3-cd)pyrene	--	0.31	0.2	2	0.35	0.93
Naphthalene	270	0.36	0.044	0.84	0.28	0.75
Phenanthrene	--	0.64	0.35	3.8	1	3.7
Pyrene	--	1.5	1.2	8.6	1.1	4.5
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1221	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1232	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1242	--	0.09 U	0.093 U	0.094	0.09 U	0.4
Aroclor 1248	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.18 U	0.33
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.18 U	0.16 U
Total PCBs	--	0.810 U	0.845 U	0.814	0.81 U	1.226
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	0.97 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ
Arsenic	1,200	8.1	9.2 J	6.5	2.5 J	7.2
Barium	910,000	61 J	47 J	82 J	19 J	68 J
Beryllium	2,100	0.75	0.87	1.1	0.63	1
Cadmium	2,800	0.91	0.54	0.79	0.52 U	1.1
Chromium	420	14 J	20 J	15 J	6.9 J	20 J
Copper	--	66 J	32 J	43 J	8.9 J	110 J
Lead	--	380 J	41	130 J	31	150 J
Mercury	540,000	0.35	0.28	0.15	0.035	0.076
Nickel	21,000	17 J	33 J	20 J	5.5 J	23 J
Selenium	--	0.97 U	1 U	1 U	1 U	1.1 U
Silver	--	0.97 U	1 U	1 U	1 U	1.1 U
Thallium	--	0.97 U	4.2	1	1 U	1.1 U
Zinc	--	160 J	70 J	90 J	23 J	290 J
Total Cyanide	--	0.31 U	0.27 U	0.26 U	0.26 U	0.23 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.32	0.061 U	0.067	0.061	0.073
Benzene	1.6	0.017 U	0.012 U	0.015	0.012 U	0.079
Bromodichloromethane	3,000	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromoform	100	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromomethane	15	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
2-Butanone	--	0.072	0.025 U	0.024 U	0.023 U	0.025 U
Carbon Disulfide	720	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Carbon Tetrachloride	0.640	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chlorobenzene	210	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloroethane	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Chloroform	0.54	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloromethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Dibromochloromethane	1,300	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethane	1,700	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloroethane	0.7	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethene	1,500	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloropropane	23	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	2.1	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	2.1	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Ethylbenzene	400	0.017 U	0.012 U	0.012 U	0.012 U	0.15
2-Hexanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
4-Methyl-2-Pentanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Methylene Chloride	24	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Styrene	1,500	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Tetrachloroethene	20	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Toluene	650	0.017 U	0.012 U	0.012 U	0.012 U	0.041
1,1,1-Trichloroethane	1,200	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2-Trichloroethane	1,800	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Trichloroethene	8.9	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Vinyl Chloride	1.1	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
m,p-Xylene*	320	0.017 U	0.012 U	0.012 U	0.012 U	0.11
o-Xylene*	320	0.017 U	0.012 U	0.012 U	0.012 U	0.12

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-chloroethyl)ether	0.47	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.44 U	1.1	0.38 U	0.39 U	0.38 U
4-Bromophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Butyl benzyl phthalate	930	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Carbazole	--	0.44 U	0.41 U	0.67	0.39 U	2.2
4-Chloro-3-methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chloroaniline	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chloronaphthalene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chlorophenol	53,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dibenzofuran	--	0.44 U	0.41 U	0.38 U	0.39 U	0.4
1,2-Dichlorobenzene	560	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,3-Dichlorobenzene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,4-Dichlorobenzene	17,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
3,3´-Dichlorobenzidine	--	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4-Dichlorophenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Diethyl phthalate	2,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dimethyl phthalate	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-butyl phthalate	2,300	0.44 U	0.45	0.38 U	0.39 U	0.38 U
2,4-Dimethylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4,6-Dinitro-2-methylphenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,6-Dinitrotoluene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-octyl phthalate	10,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobenzene	1.8	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobutadiene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorocyclopentadiene	16	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachloroethane	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Isophorone	4,600	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Methylnaphthalene	--	0.44 U	0.41 U	0.54	0.39 U	2.7
2-Methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
3-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Nitrobenzene	140	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
N-Nitrosodiphenylamine	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.019 U	0.017 U	0.016 U	0.017 U	0.016 U
Pentachlorophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Phenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,2,4-Trichlorobenzene	3,200	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,4,5-Trichlorophenol	--	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4,6-Trichlorophenol	390	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.034 U	0.17	0.84	0.03 U	1.4
Acenaphthylene	--	0.034 U	0.13	1.3	0.03 U	0.59
Anthracene	--	0.034 U	0.7	1.1	0.03 U	1.7
Benzo(a)anthracene	--	0.034 U	0.78	3	0.03 U	3.3
Benzo(b)fluoranthene	--	0.034 U	1.1	1.9	0.03 U	2
Benzo(k)fluoranthene	--	0.034 U	0.91	2.5	0.03 U	2.4
Benzo(g,h,i)perylene	--	0.034 U	1.2	1.2	0.03 U	1.4
Benzo(a)pyrene	--	0.034 U	0.75	3.3	0.03 U	3.3
Chrysene	--	0.034 U	1.7	3.5	0.03 U	4.2
Dibenzo(a,h)anthracene	--	0.034 U	0.41	0.55	0.03 U	0.71
Fluoranthene	--	0.034 U	2.4	4.3	0.03 U	7.2
Fluorene	--	0.034 U	0.31	0.77	0.03 U	1.5
Indeno(1,2,3-cd)pyrene	--	0.034 U	0.74	1.3	0.03 U	1.6
Naphthalene	270	0.034 U	0.15	0.22	0.03 U	4.2
Phenanthrene	--	0.034 U	1.5	2.9	0.03 U	7
Pyrene	--	0.034 U	3.4	6.6	0.03 U	6.1
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1221	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1232	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1242	--	0.1 U	5.8	0.092 U	0.095 U	0.29
Aroclor 1248	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1254	--	0.2 U	3.4	0.19 U	0.19 U	0.29
Aroclor 1260	--	0.2 U	0.19 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.900 U	9.774	0.84 U	0.855 U	1.128
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	1,200	3.6 J	8.1 J	9	5.8 J	7.3
Barium	910,000	58 J	260 J	78 J	18 J	160 J
Beryllium	2,100	1.3	0.72	1.1	0.97	0.95
Cadmium	2,800	0.6 U	3	1.1	0.55 U	1.2
Chromium	420	20 J	570 J	14 J	15 J	13 J
Copper	--	18 J	220 J	140 J	19 J	35 J
Lead	--	17	280	160 J	13	450 J
Mercury	540,000	0.031 U	0.31	0.32	0.027 U	0.22
Nickel	21,000	24 J	76 J	20 J	23 J	17 J
Selenium	--	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver	--	1.2 U	1.3	1.1 U	1.1 U	1.1 U
Thallium	--	1.2	1.2 U	1.1 U	1.5	1.1 U
Zinc	--	63 J	780 J	240 J	37 J	320 J
Total Cyanide	--	0.31 U	0.33 U	0.27 U	0.31 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.16	0.092 U	0.06 U	0.068 U	0.047 U
Benzene	1.6	0.78	0.056	0.012 U	0.014 U	0.0095 U
Bromodichloromethane	3,000	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Bromoform	100	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Bromomethane	15	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
2-Butanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Carbon Disulfide	720	0.025 U	0.018 U	0.04	0.014 U	0.0095 U
Carbon Tetrachloride	0.640	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chlorobenzene	210	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chloroethane	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Chloroform	0.54	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chloromethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Dibromochloromethane	1,300	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1-Dichloroethane	1,700	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,2-Dichloroethane	0.7	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1-Dichloroethene	1,500	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
cis-1,2-Dichloroethene	1,200	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
trans-1,2-Dichloroethene	3,100	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,2-Dichloropropane	23	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
cis-1,3-Dichloropropene	2.1	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
trans-1,3-Dichloropropene	2.1	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Ethylbenzene	400	3	0.38	0.013	0.014 U	0.0095 U
2-Hexanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
4-Methyl-2-Pentanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Methylene Chloride	24	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Styrene	1,500	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1,2,2-Tetrachloroethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Tetrachloroethene	20	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Toluene	650	0.79	0.044	0.012	0.014 U	0.0095 U
1,1,1-Trichloroethane	1,200	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1,2-Trichloroethane	1,800	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Trichloroethene	8.9	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Vinyl Chloride	1.1	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
m,p-Xylene*	320	3	0.098	0.016	0.014 U	0.0095 U
o-Xylene*	320	2	0.17	0.012 U	0.014 U	0.0095 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Bis(2-chloroethyl)ether	0.47	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	1.1 U	0.37 U	0.38 U	2.9
4-Bromophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Butyl benzyl phthalate	930	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Carbazole	--	0.39 U	1.4	0.47	0.38 U	0.41 U
4-Chloro-3-methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Chloroaniline	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Chloronaphthalene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Chlorophenol	53,000	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Dibenzofuran	--	1.3	1.6	0.37 U	0.38 U	0.41 U
1,2-Dichlorobenzene	560	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,3-Dichlorobenzene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,4-Dichlorobenzene	17,000	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
3,3´-Dichlorobenzidine	--	0.78 U	2.2 U	0.74 U	0.76 U	0.81 U
2,4-Dichlorophenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Diethyl phthalate	2,000	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Dimethyl phthalate	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Di-n-butyl phthalate	2,300	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,4-Dimethylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4,6-Dinitro-2-methylphenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
2,4-Dinitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
2,4-Dinitrotoluene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,6-Dinitrotoluene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Di-n-octyl phthalate	10,000	0.39 U	1.1 U	0.37 U	0.38 U	0.71
Hexachlorobenzene	1.8	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachlorobutadiene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachlorocyclopentadiene	16	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachloroethane	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Isophorone	4,600	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Methylnaphthalene	--	20	17	0.4	0.38 U	0.41 U
2-Methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
3-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
4-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
Nitrobenzene	140	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
4-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
N-Nitrosodi-n-propylamine	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
N-Nitrosodiphenylamine	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.046 U	0.016 U	0.016 U	0.017 U
Pentachlorophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
Phenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,2,4-Trichlorobenzene	3,200	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,4,5-Trichlorophenol	--	0.78 U	2.2 U	0.74 U	0.76 U	0.81 U
2,4,6-Trichlorophenol	390	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	10	4.5	0.28 U	0.029 U	0.031 U
Acenaphthylene	--	2	4.2	0.39	0.029 U	0.28
Anthracene	--	9.6	4.9	0.54	0.029 U	0.4
Benzo(a)anthracene	--	3.9	4.2	1.5	0.029 U	1.4
Benzo(b)fluoranthene	--	1.1	1.3	1.3	0.029 U	1.2
Benzo(k)fluoranthene	--	0.89	1.1	0.98	0.029 U	0.9
Benzo(g,h,i)perylene	--	1.2	0.82 U	0.77	0.029 U	0.9
Benzo(a)pyrene	--	2.7	0.97	1.6	0.029 U	1.7
Chrysene	--	5.1	4.3	1.6	0.029 U	1.5
Dibenzo(a,h)anthracene	--	0.52	0.82 U	0.28 U	0.029 U	0.33
Fluoranthene	--	9.1	6.8	2.5	0.029 U	1.7
Fluorene	--	10	6.5	0.28 U	0.029 U	0.078
Indeno(1,2,3-cd)pyrene	--	1.2	0.82 U	0.71	0.029 U	0.83
Naphthalene	270	27	13	0.28	0.029 U	0.041
Phenanthrene	--	34	21	2.1	0.029 U	1
Pyrene	--	15	10	2.8	0.029 U	2.1
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1221	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1232	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1242	--	0.094 U	0.09 U	1.5	0.09 U	0.37
Aroclor 1248	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1254	--	0.19 U	0.18 U	0.91 U	0.18 U	0.28
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.18 U	0.2 U
Total PCBs	--	0.850 U	0.81 U	2.954	0.81 U	1.246
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	NA	1 UJ	1.1 UJ	1.2 U
Arsenic	1,200	6.5 J	NA	4.4	7.7 J	7.2
Barium	910,000	67 J	NA	370 J	38 J	76 J
Beryllium	2,100	1	NA	5.7	0.98	1.1
Cadmium	2,800	0.98	NA	1.4	0.54 U	0.75
Chromium	420	12 J	NA	120 J	17 J	15 J
Copper	--	71 J	NA	400 J	28 J	50 J
Lead	--	190	NA	180 J	55	200 J
Mercury	540,000	0.15	NA	0.091	0.029 U	1.4
Nickel	21,000	17 J	NA	17 J	33 J	19 J
Selenium	--	1.1 U	NA	2.8	1.1 U	1.2 U
Silver	--	1.1 U	NA	1 U	1.1 U	1.2 U
Thallium	--	1.1 U	NA	1 U	1.4	1.2 U
Zinc	--	190 J	NA	180 J	69 J	170 J
Total Cyanide	--	0.26 U	NA	0.26 U	0.27 U	0.33 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) NA - Not Analyzed.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.097	0.12	0.071 U	0.062 J	0.057 U
Benzene	1.6	0.011 U	0.19	3.6	0.0092 J	0.011 U
Bromodichloromethane	3,000	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Bromoform	100	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Bromomethane	15	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
2-Butanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Carbon Disulfide	720	0.011 U	0.013	0.014 U	0.0074 U	0.011 U
Carbon Tetrachloride	0.640	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chlorobenzene	210	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chloroethane	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Chloroform	0.54	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chloromethane	--	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Dibromochloromethane	1,300	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethane	1,700	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloroethane	0.7	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethene	1,500	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
cis-1,2-Dichloroethene	1,200	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
trans-1,2-Dichloroethene	3,100	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloropropane	23	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
cis-1,3-Dichloropropene	2.1	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
trans-1,3-Dichloropropene	2.1	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Ethylbenzene	400	0.011 U	0.07	8.2	0.014 J	0.011 U
2-Hexanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Methylene Chloride	24	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Styrene	1,500	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Tetrachloroethene	20	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Toluene	650	0.011 U	0.011 U	0.014 U	0.0087 J	0.011 U
1,1,1-Trichloroethane	1,200	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1,2-Trichloroethane	1,800	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Trichloroethene	8.9	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Vinyl Chloride	1.1	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
m,p-Xylene*	320	0.011 U	0.013	5	0.021 J	0.011 U
o-Xylene*	320	0.011 U	0.087	1.4	0.014 J	0.011 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) Shaded value exceeds Tier 1 screening level.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Bis(2-chloroethyl)ether	0.47	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.75	0.39 U	2.1	1.1
4-Bromophenyl phenyl ether	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Butyl benzyl phthalate	930	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Carbazole	--	0.4 U	3.7	0.39 U	1.1	0.38 U
4-Chloro-3-methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Chloroaniline	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Chloronaphthalene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Chlorophenol	53,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Dibenzofuran	--	0.4 U	0.65	1.2	2	0.38 U
1,2-Dichlorobenzene	560	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,3-Dichlorobenzene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,4-Dichlorobenzene	17,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
3,3´-Dichlorobenzidine	--	0.8 U	0.75 U	0.77 U	0.72 U	0.76 U
2,4-Dichlorophenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Diethyl phthalate	2,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Dimethyl phthalate	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Di-n-butyl phthalate	2,300	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,4-Dimethylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrotoluene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,6-Dinitrotoluene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Di-n-octyl phthalate	10,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorobenzene	1.8	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorobutadiene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorocyclopentadiene	16	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachloroethane	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Isophorone	4,600	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Methylnaphthalene	--	0.4 U	0.37 U	23	27	1.1
2-Methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
Nitrobenzene	140	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
N-Nitrosodiphenylamine	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.016 U	0.016 U	0.015 U	0.016 U
Pentachlorophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
Phenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,4,5-Trichlorophenol	--	0.8 U	0.75 U	0.77 U	0.72 U	0.76 U
2,4,6-Trichlorophenol	390	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	0.003 U	0.51	8.6	2.4	1.1
Acenaphthylene	--	0.0052	0.36	5.1	1.9	0.86
Anthracene	--	0.011	2.3	8.6	7.1	2.5
Benzo(a)anthracene	--	0.029	3.3	1.7	1.6	0.9
Benzo(b)fluoranthene	--	0.035	2.3	2.5	3.5	1.7
Benzo(k)fluoranthene	--	0.027	2.3	1.7	3.4	1.6
Benzo(g,h,i)perylene	--	0.015	0.74	1.6	3.6	0.62
Benzo(a)pyrene	--	0.031	1.6	2.2	3.9	1.8
Chrysene	--	0.035	3.8	11	9	3.1
Dibenzo(a,h)anthracene	--	0.006	0.31	0.59	1.2	0.3
Fluoranthene	--	0.043	5.3	6.8	11	3.7
Fluorene	--	0.0052	0.92	6.7	6.9	1.3
Indeno(1,2,3-cd)pyrene	--	0.014	0.69	1.1	2.6	0.44
Naphthalene	270	0.004	0.52	18	10	1.5
Phenanthrene	--	0.032	5.2	26	24	6.5
Pyrene	--	0.056	5.1	14	14	7.8
PCBs (mg/kg)						
Aroclor 1016	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1221	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1232	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1242	--	0.098 U	0.39	0.094 U	3.9	0.49
Aroclor 1248	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1254	--	0.2 U	0.41	0.19 U	3.3	0.45
Aroclor 1260	--	0.2 U	0.18 U	0.19 U	0.18 U	0.18 U
Total PCBs	--	0.890 U	1.332	0.85 U	7.74	1.488
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1 UJ	1.1 UJ	1.1 J	1.1 UJ
Arsenic	1,200	2.8 J	7.8 J	13 J	7.2	5.4
Barium	910,000	31 J	140 J	80 J	140 J	120 J
Beryllium	2,100	1.1	0.6	1.1	0.84	1.1
Cadmium	2,800	0.54 U	1.1	0.55 U	1.9	1.2
Chromium	420	18 J	98 J	18 J	26 J	16 J
Copper	--	22 J	68 J	32 J	120 J	90 J
Lead	--	18	340	25	260 J	140 J
Mercury	540,000	0.033	0.21	0.027 U	0.3	0.1
Nickel	21,000	24 J	38 J	35 J	25 J	26 J
Selenium	--	1.1 U	1 U	1.1 U	0.9 U	1.1 U
Silver	--	1.1 U	1 U	1.1 U	0.9 U	1.1 U
Thallium	--	1.5	1 U	2	1.3	1.5
Zinc	--	42 J	240 J	53 J	830 J	220 J
Total Cyanide	--	0.3 U	0.29 U	0.31 U	0.36	0.89

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
TCL Volatiles (mg/kg)						
Acetone	100,000	0.078	0.062	0.12	0.051 U	0.078
Benzene	1.6	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromodichloromethane	3,000	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromoform	100	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromomethane	15	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
2-Butanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Carbon Disulfide	720	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Carbon Tetrachloride	0.640	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chlorobenzene	210	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chloroethane	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Chloroform	0.54	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chloromethane	--	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Dibromochloromethane	1,300	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1-Dichloroethane	1,700	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,2-Dichloroethane	0.7	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1-Dichloroethene	1,500	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,2-Dichloropropane	23	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
cis-1,3-Dichloropropene	2.1	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
trans-1,3-Dichloropropene	2.1	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Ethylbenzene	400	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
2-Hexanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
4-Methyl-2-Pentanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Methylene Chloride	24	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Styrene	1,500	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Tetrachloroethene	20	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Toluene	650	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,1-Trichloroethane	1,200	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,2-Trichloroethane	1,800	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Trichloroethene	8.9	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Vinyl Chloride	1.1	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
m,p-Xylene*	320	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
o-Xylene*	320	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Bis(2-chloroethyl)ether	0.47	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.36 U	0.4 U	0.49	0.42 U
4-Bromophenyl phenyl ether	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Butyl benzyl phthalate	930	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Carbazole	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chloro-3-methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chloroaniline	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Chloronaphthalene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Chlorophenol	53,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Dibenzofuran	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,2-Dichlorobenzene	560	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,3-Dichlorobenzene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,4-Dichlorobenzene	17,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
3,3´-Dichlorobenzidine	--	0.77 U	0.73 U	0.8 U	0.71 U	0.84 U
2,4-Dichlorophenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Diethyl phthalate	2,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Dimethyl phthalate	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Di-n-butyl phthalate	2,300	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,4-Dimethylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
2,4-Dinitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
2,4-Dinitrotoluene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,6-Dinitrotoluene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Di-n-octyl phthalate	10,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorobenzene	1.8	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorobutadiene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorocyclopentadiene	16	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachloroethane	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Isophorone	4,600	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Methylnaphthalene	--	0.42	0.86	0.53	0.35 U	0.42 U
2-Methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
Nitrobenzene	140	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
N-Nitrosodiphenylamine	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.015 U	0.017 U	0.015 U	0.018 U
Pentachlorophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
Phenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,2,4-Trichlorobenzene	3,200	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,4,5-Trichlorophenol	--	0.77 U	0.73 U	0.8 U	0.71 U	0.84 U
2,4,6-Trichlorophenol	390	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
PAHs (mg/kg)						
Acenaphthene	--	0.046	0.16	0.056	0.15	0.032 U
Acenaphthylene	--	0.029 U	0.069	0.03 U	0.18	0.032 U
Anthracene	--	0.029 U	0.13	0.03 U	0.25	0.032 U
Benzo(a)anthracene	--	0.029 U	0.037	0.03 U	3.5	0.032 U
Benzo(b)fluoranthene	--	0.029 U	0.13	0.03 U	1.8	0.032 U
Benzo(k)fluoranthene	--	0.029 U	0.11	0.03 U	1.6	0.032 U
Benzo(g,h,i)perylene	--	0.029 U	0.2	0.03 U	0.66	0.032 U
Benzo(a)pyrene	--	0.029 U	0.094	0.03 U	3	0.032 U
Chrysene	--	0.032	0.26	0.03 U	3.2	0.032 U
Dibenzo(a,h)anthracene	--	0.029 U	0.084	0.03 U	0.35	0.032 U
Fluoranthene	--	0.037	0.21	0.03 U	4.2	0.035
Fluorene	--	0.029 U	0.15	0.03 U	0.15	0.032 U
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.14	0.03 U	0.67	0.032 U
Naphthalene	270	0.73	0.83	0.99	0.19	0.11
Phenanthrene	--	0.092	0.34	0.04	0.3	0.071
Pyrene	--	0.063	0.28	0.03 U	11	0.056
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1221	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1232	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1242	--	0.094 U	0.98	0.097 U	0.12	0.1 U
Aroclor 1248	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1254	--	0.19 U	0.9 U	0.19 U	0.17 U	0.2 U
Aroclor 1260	--	0.19 U	0.18 U	0.19 U	0.17 U	0.2 U
Total PCBs	--	0.850 U	2.42	0.865 U	0.8	0.9 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1 J	1.1 UJ	0.98 UJ	1.1 UJ
Arsenic	1,200	11 J	7.3	9.4 J	3.3	15 J
Barium	910,000	100 J	86 J	86 J	32 J	31 J
Beryllium	2,100	1.1	0.79	1.2	0.61	1.2
Cadmium	2,800	0.56 U	0.7	0.57 U	0.59	0.57 U
Chromium	420	20 J	14 J	20 J	12 J	19 J
Copper	--	32 J	40 J	34 J	18 J	32 J
Lead	--	19	250 J	20	85 J	26
Mercury	540,000	0.028 U	2.9	0.03	0.06	0.031 U
Nickel	21,000	37 J	19 J	34 J	10 J	43 J
Selenium	--	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Silver	--	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Thallium	--	2	1.5	2	0.98 U	1.2
Zinc	--	47 J	94 J	45 J	91 J	47 J
Total Cyanide	--	0.27 U	0.26 U	0.3 U	0.28 U	0.32 U

NOTES:

(1) -- Toxicity criteria not available for exposure route.

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

(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
TCL Volatiles (mg/kg)						
Acetone	100,000	0.037 U	0.051 U	0.053 U	0.1	0.06 U
Benzene	1.6	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromodichloromethane	3,000	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromoform	100	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromomethane	15	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
2-Butanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Carbon Disulfide	720	0.0074 U	0.018	0.011 U	0.0098 U	0.012 U
Carbon Tetrachloride	0.640	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chlorobenzene	210	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chloroethane	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Chloroform	0.54	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chloromethane	--	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Dibromochloromethane	1,300	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1-Dichloroethane	1,700	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,2-Dichloroethane	0.7	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1-Dichloroethene	1,500	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
cis-1,2-Dichloroethene	1,200	0.0074 U	0.01 U	0.053	0.0098 U	0.012 U
trans-1,2-Dichloroethene	3,100	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,2-Dichloropropane	23	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
cis-1,3-Dichloropropene	2.1	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
trans-1,3-Dichloropropene	2.1	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Ethylbenzene	400	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
2-Hexanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
4-Methyl-2-Pentanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Methylene Chloride	24	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Styrene	1,500	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Tetrachloroethene	20	0.0074 U	0.01 U	0.1	0.0098 U	0.012 U
Toluene	650	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,1-Trichloroethane	1,200	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,2-Trichloroethane	1,800	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Trichloroethene	8.9	0.0074 U	0.01 U	0.017	0.0098 U	0.012 U
Vinyl Chloride	1.1	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
m,p-Xylene*	320	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
o-Xylene*	320	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Bis(2-chloroethyl)ether	0.47	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.58	0.39 U	1.6	0.39 U	0.94
4-Bromophenyl phenyl ether	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Butyl benzyl phthalate	930	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Carbazole	--	0.4 U	0.39 U	0.75	0.39 U	0.36 U
4-Chloro-3-methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Chloroaniline	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Chloronaphthalene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Chlorophenol	53,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Dibenzofuran	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,2-Dichlorobenzene	560	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,3-Dichlorobenzene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,4-Dichlorobenzene	17,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
3,3´-Dichlorobenzidine	--	0.81 U	0.78 U	0.73 U	0.77 U	0.73 U
2,4-Dichlorophenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Diethyl phthalate	2,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Dimethyl phthalate	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Di-n-butyl phthalate	2,300	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,4-Dimethylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4,6-Dinitro-2-methylphenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,6-Dinitrotoluene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Di-n-octyl phthalate	10,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorobenzene	1.8	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorobutadiene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorocyclopentadiene	16	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachloroethane	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Isophorone	4,600	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Methylnaphthalene	--	0.4 U	0.39 U	0.64	0.39 U	0.36 U
2-Methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
3-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
4-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
Nitrobenzene	140	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Nitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
4-Nitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
N-Nitrosodiphenylamine	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.017 U	0.015 U	0.016 U	0.015 U
Pentachlorophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
Phenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,4,5-Trichlorophenol	--	0.81 U	0.78 U	0.73 U	0.77 U	0.73 U
2,4,6-Trichlorophenol	390	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
PAHs (mg/kg)						
Acenaphthene	--	0.031 U	0.03 U	0.5	0.029 U	0.036
Acenaphthylene	--	0.13	0.03 U	0.15	0.029 U	0.049
Anthracene	--	0.031 U	0.03 U	0.81	0.029 U	0.21
Benzo(a)anthracene	--	0.15	0.03 U	0.36	0.029 U	0.089
Benzo(b)fluoranthene	--	0.13	0.03 U	0.92	0.029 U	0.15
Benzo(k)fluoranthene	--	0.13	0.03 U	1.1	0.029 U	0.12
Benzo(g,h,i)perylene	--	0.17	0.03 U	0.81	0.029 U	0.034
Benzo(a)pyrene	--	0.2	0.03 U	0.75	0.029 U	0.069
Chrysene	--	0.21	0.03 U	2.3	0.029 U	0.087
Dibenzo(a,h)anthracene	--	0.057	0.03 U	0.28	0.029 U	0.028 U
Fluoranthene	--	0.24	0.087	1.8	0.029 U	0.12
Fluorene	--	0.031 U	0.03 U	0.44	0.029 U	0.046
Indeno(1,2,3-cd)pyrene	--	0.14	0.03 U	0.54	0.029 U	0.034
Naphthalene	270	0.031 U	0.051	0.64	0.029 U	0.051
Phenanthrene	--	0.17	0.083	2.2	0.029 U	0.21
Pyrene	--	0.33	0.13	2.7	0.029 U	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1221	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1232	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1242	--	0.22	0.096 U	4.7	0.094 U	0.15
Aroclor 1248	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1254	--	0.2 U	0.19 U	4.3	0.19 U	0.18 U
Aroclor 1260	--	0.2 U	0.19 U	0.18 U	0.19 U	0.18 U
Total PCBs	--	1.004	0.86 U	9.532	0.85 U	0.862
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1 UJ	1.1 UJ	1.1 J	1 UJ	1 UJ
Arsenic	1,200	9.3	12 J	6.7	12 J	1.4
Barium	910,000	150 J	26 J	130 J	79 J	9.4 J
Beryllium	2,100	0.99	1.1	1.3	1.1	0.54
Cadmium	2,800	2.2	0.57 U	2.3	0.52 U	0.5 U
Chromium	420	33 J	16 J	47 J	17 J	5.3 J
Copper	--	120 J	18 J	170 J	39 J	4.9 J
Lead	--	340 J	13	150 J	21	7.3 J
Mercury	540,000	0.23	0.027	0.43	0.027 U	0.04
Nickel	21,000	31 J	27 J	40 J	37 J	3.3 J
Selenium	--	1 U	1.1 U	1 U	1 U	1 U
Silver	--	1 U	1.1 U	1 U	1 U	1 U
Thallium	--	1	1.1	1.4	1.8	1 U
Zinc	--	550 J	36 J	600 J	40 J	55 J
Total Cyanide	--	0.32 U	0.27 U	0.26 U	0.25 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Volatiles (mg/kg)						
Acetone	100,000	0.062 U	0.05	0.12	0.036	0.065
Benzene	1.6	0.012 U	0.039	0.0084 U	0.077	0.0089 U
Bromodichloromethane	3,000	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromoform	100	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromomethane	15	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
2-Butanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Carbon Disulfide	720	0.012 U	0.0081 U	0.011	0.0065 U	0.0089 U
Carbon Tetrachloride	0.640	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chlorobenzene	210	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloroethane	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Chloroform	0.54	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloromethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Dibromochloromethane	1,300	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethane	1,700	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloroethane	0.7	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethene	1,500	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,2-Dichloroethene	1,200	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,2-Dichloroethene	3,100	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloropropane	23	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,3-Dichloropropene	2.1	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,3-Dichloropropene	2.1	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Ethylbenzene	400	0.012 U	0.22	0.014	0.12	0.0089 U
2-Hexanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
4-Methyl-2-Pentanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Methylene Chloride	24	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Styrene	1,500	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Tetrachloroethene	20	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Toluene	650	0.012 U	0.064	0.0097	0.018	0.0089 U
1,1,1-Trichloroethane	1,200	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2-Trichloroethane	1,800	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Trichloroethene	8.9	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Vinyl Chloride	1.1	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
m,p-Xylene*	320	0.012 U	0.2	0.031	0.034	0.0089 U
o-Xylene*	320	0.012 U	0.12	0.011	0.036	0.0089 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether	0.47	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	1.2	0.63	2.7	0.59 J	0.39 U
4-Bromophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Butyl benzyl phthalate	930	0.35 U	0.36 U	0.58	0.38 U	0.39 U
Carbazole	--	0.35 U	3.2	0.53	0.91 J	0.39 U
4-Chloro-3-methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chloroaniline	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chlorophenol	53,000	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dibenzofuran	--	0.35 U	0.94	0.38 U	0.9	0.39 U
1,2-Dichlorobenzene	560	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,4-Dichlorobenzene	17,000	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
3,3´-Dichlorobenzidine	--	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4-Dichlorophenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Diethyl phthalate	2,000	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-butyl phthalate	2,300	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4-Dimethylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,6-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-octyl phthalate	10,000	1.6	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobenzene	1.8	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	16	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachloroethane	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Isophorone	4,600	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Methylnaphthalene	--	0.47	20	0.59	2.3 J	0.39 U
2-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
3-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Nitrobenzene	140	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.015 U	0.016 U	0.38 U	0.39 U
Pentachlorophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Phenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4,5-Trichlorophenol	--	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4,6-Trichlorophenol	390	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
PAHs (mg/kg)						
Acenaphthene	--	0.19	3.1	0.31	3.3 J	0.031
Acenaphthylene	--	0.12	2.3	0.19	2.5 J	0.029 U
Anthracene	--	0.67	3.1	0.78	5 J	0.047
Benzo(a)anthracene	--	0.31	1.4	0.26	1.6 J	0.029 U
Benzo(b)fluoranthene	--	0.57	3.4	2	3.1 J	0.029 U
Benzo(k)fluoranthene	--	0.6	3	1.9	3.5 J	0.029 U
Benzo(g,h,i)perylene	--	0.8	3	0.89	3.7 J	0.029 U
Benzo(a)pyrene	--	0.41	2.7	0.67	4 J	0.029 U
Chrysene	--	1.7	5.4	1.4	5.6 J	0.04
Dibenzo(a,h)anthracene	--	0.25	1.3	0.3	1.1 J	0.029 U
Fluoranthene	--	1.2	7.4	2.4	8.1 J	0.029 U
Fluorene	--	0.3	3.2	0.31	3.6 J	0.033
Indeno(1,2,3-cd)pyrene	--	0.52	2.5	0.62	2.5 J	0.029 U
Naphthalene	270	0.42	13	0.47	2.4 J	0.2
Phenanthrene	--	1.9	9.7	2.5	13 J	0.13
Pyrene	--	1.8	8.9	1.9	14 J	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1221	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1232	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1242	--	1.9	0.55	1.3	0.1	0.094 U
Aroclor 1248	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1254	--	1.6	0.52	0.91 U	0.18 U	0.19 U
Aroclor 1260	--	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U
Total PCBs	--	4.010	1.588	2.754	0.824	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1 J	0.98 J	1 J	0.97 UJ	1.1 UJ
Arsenic	1,200	4	2.5	4.3	6.9	5.7 J
Barium	910,000	99 J	69 J	150 J	76 J	34 J
Beryllium	2,100	0.79	0.5	0.87	0.48 U	0.57 U
Cadmium	2,800	1.1	0.44	1.3	0.89	0.57 U
Chromium	420	12 J	9.2 J	15 J	15 J	18 J
Copper	--	67 J	33 J	37 J	48 J	26 J
Lead	--	130 J	46 J	94 J	120 J	22
Mercury	540,000	0.2	0.1	0.53	0.33	0.029
Nickel	21,000	11 J	12 J	14 J	22 J	31 J
Selenium	--	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Silver	--	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Thallium	--	1.2	1.1	1.5	0.97 U	1.2
Zinc	--	240 J	98 J	210 J	150 J	46 J
Total Cyanide	--	0.26 U	0.25 U	0.32 U	0.3 U	0.3 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SP25-002 3-5	SB27-001 5-7
TCL Volatiles (mg/kg)						
Acetone	100,000	0.056 U	0.056 U	0.12	0.11	0.046
Benzene	1.6	0.011 U	0.011 U	1.5	0.22	0.0084 U
Bromodichloromethane	3,000	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Bromoform	100	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Bromomethane	15	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
2-Butanone	--	0.022 U	0.022 U	0.026	0.034 U	0.017 U
Carbon Disulfide	720	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Carbon Tetrachloride	0.640	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chlorobenzene	210	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chloroethane	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Chloroform	0.54	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chloromethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Dibromochloromethane	1,300	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1-Dichloroethane	1,700	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,2-Dichloroethane	0.7	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1-Dichloroethene	1,500	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
cis-1,2-Dichloroethene	1,200	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
trans-1,2-Dichloroethene	3,100	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,2-Dichloropropane	23	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
cis-1,3-Dichloropropene	2.1	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
trans-1,3-Dichloropropene	2.1	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Ethylbenzene	400	0.011 U	0.016	2.8	4.6	0.0084 U
2-Hexanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Methylene Chloride	24	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Styrene	1,500	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Tetrachloroethene	20	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Toluene	650	0.011 U	0.011 U	0.03	0.54	0.0084 U
1,1,1-Trichloroethane	1,200	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1,2-Trichloroethane	1,800	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Trichloroethene	8.9	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Vinyl Chloride	1.1	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
m,p-Xylene*	320	0.011 U	0.011 U	0.068	6.7	0.0084 U
o-Xylene*	320	0.011 U	0.011 U	0.72	6.8	0.0084 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SP25-002 3-5	SB27-001 5-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Bis(2-chloroethyl)ether	0.47	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	2.1	1.7 U	0.36 U	1.2	0.38 U
4-Bromophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Butyl benzyl phthalate	930	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Carbazole	--	1.8 U	4.1	1.9	5.7	0.38 U
4-Chloro-3-methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Chloroaniline	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Chloronaphthalene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Chlorophenol	53,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Chlorophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Dibenzofuran	--	1.8 U	1.7 U	0.84	4.7	0.38 U
1,2-Dichlorobenzene	560	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,3-Dichlorobenzene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,4-Dichlorobenzene	17,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
3,3´-Dichlorobenzidine	--	3.7 U	3.5 U	0.72 U	0.81 U	0.76 U
2,4-Dichlorophenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Diethyl phthalate	2,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Dimethyl phthalate	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Di-n-butyl phthalate	2,300	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,4-Dimethylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4,6-Dinitro-2-methylphenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
2,4-Dinitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
2,4-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,6-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Di-n-octyl phthalate	10,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorobenzene	1.8	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorobutadiene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorocyclopentadiene	16	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachloroethane	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Isophorone	4,600	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Methylnaphthalene	--	1.8 U	1.7 U	4.1	58	0.38 U
2-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
3-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
4-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
Nitrobenzene	140	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
4-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
N-Nitrosodi-n-propylamine	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
N-Nitrosodiphenylamine	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.078 U	0.073 U	0.015 U	0.017 U	0.38 U
Pentachlorophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
Phenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,2,4-Trichlorobenzene	3,200	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,4,5-Trichlorophenol	--	3.7 U	3.5 U	0.72 U	0.81 U	0.76 U
2,4,6-Trichlorophenol	390	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SP25-002 3-5	SB27-001 5-7
PAHs (mg/kg)						
Acenaphthene	--	2.1	0.63	8.3	19	0.029 U
Acenaphthylene	--	5	0.34	6.1	8.9	0.029 U
Anthracene	--	4.1	2.1	8.1	16	0.029 U
Benzo(a)anthracene	--	5.9	0.29	8	14	0.029 U
Benzo(b)fluoranthene	--	3.1	1.5	4	7	0.029 U
Benzo(k)fluoranthene	--	3.2	1.3	3.3	7	0.029 U
Benzo(g,h,i)perylene	--	1.6	1.5	2.3	3.7	0.029 U
Benzo(a)pyrene	--	5	1.7	5.1	9.2	0.029 U
Chrysene	--	6.6	3.6	9.1	15	0.029 U
Dibenzo(a,h)anthracene	--	1.4 U	0.72	0.84	0.94	0.029 U
Fluoranthene	--	9.4	6.4	16	20	0.029 U
Fluorene	--	2.4	0.67	7	26	0.029 U
Indeno(1,2,3-cd)pyrene	--	1.4 U	1.4	2.1	3.1 U	0.029 U
Naphthalene	270	1.8	0.65	6.7	28	0.029 U
Phenanthrene	--	10	5.4	30	62	0.031
Pyrene	--	14	7	24	32	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1221	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1232	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1242	--	0.95	1.1	0.086 U	0.098 U	0.094 U
Aroclor 1248	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1254	--	0.72	0.9	0.17 U	0.2 U	0.19 U
Aroclor 1260	--	0.18 U	0.17 U	0.17 U	0.2 U	0.19 U
Total PCBs	--	2.206	2.518	0.77 U	0.89 U	0.85 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	1,200	5	2.5	3.2	7.8 J	7.1 J
Barium	910,000	98 J	110 J	130 J	92 J	32 J
Beryllium	2,100	0.76	0.62	0.76	1.3	0.53 U
Cadmium	2,800	0.88	1.2	0.59	0.56 U	0.53 U
Chromium	420	10 J	13 J	7.8 J	17 J	16 J
Copper	--	41 J	60 J	18 J	25 J	39 J
Lead	--	140 J	150 J	61 J	58	20
Mercury	540,000	0.21	0.2	0.17	0.35	0.028 U
Nickel	21,000	13 J	12 J	6.9 J	29 J	31 J
Selenium	--	0.99 U	0.96 U	1.1 U	1.1 U	1.1 U
Silver	--	0.99 U	0.96 U	1.1 U	1.1 U	12
Thallium	--	1.4	1.3	1.4	1.8	1.1 U
Zinc	--	120 J	270 J	73 J	58 J	50 J
Total Cyanide	--	0.28 U	0.22 U	0.27 U	0.26 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
TCL Volatiles (mg/kg)						
Acetone	100,000	0.093	0.048	0.055 U	0.03	0.064 U
Benzene	1.6	0.041	0.0076 U	0.011 U	0.024	0.013 U
Bromodichloromethane	3,000	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Bromoform	100	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Bromomethane	15	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
2-Butanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Carbon Disulfide	720	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Carbon Tetrachloride	0.640	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chlorobenzene	210	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chloroethane	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Chloroform	0.54	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chloromethane	--	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Dibromochloromethane	1,300	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1-Dichloroethane	1,700	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,2-Dichloroethane	0.7	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1-Dichloroethene	1,500	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,2-Dichloropropane	23	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
cis-1,3-Dichloropropene	2.1	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
trans-1,3-Dichloropropene	2.1	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Ethylbenzene	400	0.059	0.0076 U	0.011 U	0.038	0.013 U
2-Hexanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
4-Methyl-2-Pentanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Methylene Chloride	24	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Styrene	1,500	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Tetrachloroethene	20	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Toluene	650	0.0087 U	0.0076 U	0.011 U	0.032	0.013 U
1,1,1-Trichloroethane	1,200	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1,2-Trichloroethane	1,800	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Trichloroethene	8.9	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Vinyl Chloride	1.1	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
m,p-Xylene*	320	0.012	0.0076 U	0.011 U	0.047	0.013 U
o-Xylene*	320	0.015	0.0076 U	0.011 U	0.029	0.013 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Bis(2-chloroethyl)ether	0.47	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Bis(2-ethylhexyl)phthalate	31,000	0.45	0.4 U	0.39 U	0.33 U	0.37 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Butyl benzyl phthalate	930	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Carbazole	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chloroaniline	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Chlorophenol	53,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Dibenzofuran	--	0.5	0.4 U	0.39 U	0.33 U	0.37 U
1,2-Dichlorobenzene	560	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
1,4-Dichlorobenzene	17,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
3,3´-Dichlorobenzidine	--	0.78 U	0.79 U	0.78 U	0.33 U	0.74 U
2,4-Dichlorophenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Diethyl phthalate	2,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Di-n-butyl phthalate	2,300	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,4-Dimethylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
2,4-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,6-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Di-n-octyl phthalate	10,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorobenzene	1.8	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorocyclopentadiene	16	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachloroethane	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Isophorone	4,600	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Methylnaphthalene	--	1.1	0.4 U	0.39 U	0.33 U	0.37 U
2-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
Nitrobenzene	140	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
N-Nitrosodiphenylamine	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2, 2'-Oxybis(1-Chloropropane)	--	0.39 U	0.4 U	0.39 U	0.33 U	0.016 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
Phenol	--	0.39 U	0.4 U	0.39 U	15	0.37 U
1,2,4-Trichlorobenzene	3,200	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,4,5-Trichlorophenol	--	0.78 U	0.79 U	0.78 U	0.66 U	0.74 U
2,4,6-Trichlorophenol	390	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
PAHs (mg/kg)						
Acenaphthene	--	1.7	0.03 U	0.035	0.44	0.028 U
Acenaphthylene	--	1.4	0.03 U	0.029 U	0.13 U	0.029
Anthracene	--	3.5	0.03 U	0.038	0.7	0.047
Benzo(a)anthracene	--	1.1	0.03 U	0.029 U	0.2	0.028 U
Benzo(b)fluoranthene	--	1.8	0.03 U	0.029 U	0.84	0.028 U
Benzo(k)fluoranthene	--	1.9	0.03 U	0.029 U	0.48	0.028 U
Benzo(g,h,i)perylene	--	3	0.03 U	0.029 U	1.5	0.028 U
Benzo(a)pyrene	--	2.6	0.03 U	0.029 U	0.91	0.028 U
Chrysene	--	3.8	0.03 U	0.052	1.5	0.075
Dibenzo(a,h)anthracene	--	0.89	0.03 U	0.029 U	0.13 U	0.028 U
Fluoranthene	--	0.051	0.03 U	0.029	0.67	0.075
Fluorene	--	1.1	0.03 U	0.033	0.53	0.03
Indeno(1,2,3-cd)pyrene	--	1.9	0.03 U	0.029 U	1.1	0.028 U
Naphthalene	270	1.4	0.03 U	0.094	0.68	0.11
Phenanthrene	--	0.038	0.03 U	0.14	2	0.17
Pyrene	--	0.097	0.03 U	0.044	1.1	0.13
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1221	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1232	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1242	--	0.34	0.14	0.094 U	3.7	0.093 U
Aroclor 1248	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1254	--	0.2	0.19 U	0.19 U	1.8	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.17 U	0.19 U
Total PCBs	--	1.102	0.904	0.85 U	6.002	0.845 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.1 UJ	1.1 UJ	1 UJ	1.1 UJ
Arsenic	1,200	6.1	9.2 J	11 J	5	12 J
Barium	910,000	67 J	41 J	41 J	43 J	31 J
Beryllium	2,100	0.55 U	0.57 U	0.57 U	0.62	0.93
Cadmium	2,800	0.71	0.57 U	0.57 U	1.2	0.55 U
Chromium	420	14 J	18 J	18 J	16 J	19 J
Copper	--	42 J	27 J	30 J	33 J	29 J
Lead	--	120 J	31	23	120 J	18
Mercury	540,000	0.53	0.049	0.031	0.25	0.037
Nickel	21,000	20 J	33 J	38 J	18 J	31 J
Selenium	--	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Silver	--	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Thallium	--	1.1 U	1.1 U	1.1 U	1 U	1.2
Zinc	--	150 J	61 J	46 J	200 J	45 J
Total Cyanide	--	0.29 U	0.3 U	0.28 U	0.24 U	0.27 U

NOTES:

(1) -- Toxicity criteria not available for exposure route.

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

(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.067 U	0.081 U	0.042 U	0.12	0.041 U
Benzene	1.6	5.2	0.77	0.0084 U	0.012 U	0.0083 U
Bromodichloromethane	3,000	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Bromoform	100	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Bromomethane	15	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
2-Butanone	--	0.027 U	0.033 U	0.017 U	0.027	0.017 U
Carbon Disulfide	720	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Carbon Tetrachloride	0.640	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chlorobenzene	210	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chloroethane	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Chloroform	0.54	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chloromethane	--	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Dibromochloromethane	1,300	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1-Dichloroethane	1,700	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,2-Dichloroethane	0.7	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1-Dichloroethene	1,500	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,2-Dichloropropane	23	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
cis-1,3-Dichloropropene	2.1	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
trans-1,3-Dichloropropene	2.1	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Ethylbenzene	400	1.5	2	0.01	0.012 U	0.015
2-Hexanone	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
4-Methyl-2-Pentanone	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Methylene Chloride	24	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Styrene	1,500	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Tetrachloroethene	20	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Toluene	650	0.77	0.016 U	0.0084 U	0.012 U	0.013
1,1,1-Trichloroethane	1,200	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1,2-Trichloroethane	1,800	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Trichloroethene	8.9	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Vinyl Chloride	1.1	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
m,p-Xylene*	320	0.62	0.057	0.0084 U	0.012 U	0.043
o-Xylene*	320	0.47	0.034	0.0084 U	0.025	0.033

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) Shaded value exceeds Tier 1 screening level.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Bis(2-chloroethyl)ether	0.47	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Bis(2-ethylhexyl)phthalate	31,000	0.99	0.87	2 U	0.4 U	2
4-Bromophenyl phenyl ether	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Butyl benzyl phthalate	930	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Carbazole	--	0.46	1.3	2 U	0.4 U	1.8 U
4-Chloro-3-methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Chloroaniline	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Chloronaphthalene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Chlorophenol	53,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Chlorophenyl phenyl ether	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Dibenzofuran	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,2-Dichlorobenzene	560	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,3-Dichlorobenzene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,4-Dichlorobenzene	17,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
3,3´-Dichlorobenzidine	--	0.66 U	0.78 U	4.1 U	0.81 U	3.5 U
2,4-Dichlorophenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Diethyl phthalate	2,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Dimethyl phthalate	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Di-n-butyl phthalate	2,300	0.33 U	0.39 U	6.3	0.4 U	1.8 U
2,4-Dimethylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4,6-Dinitro-2-methylphenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
2,4-Dinitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
2,4-Dinitrotoluene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2,6-Dinitrotoluene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Di-n-octyl phthalate	10,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorobenzene	1.8	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorobutadiene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorocyclopentadiene	16	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachloroethane	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Isophorone	4,600	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Methylnaphthalene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
3-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
4-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
Nitrobenzene	140	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Nitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
4-Nitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
N-Nitrosodi-n-propylamine	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
N-Nitrosodiphenylamine	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2, 2'-Oxybis(1-Chloropropane)	--	0.014 U	0.017 U	0.087 U	0.017 U	0.075 U
Pentachlorophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
Phenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,2,4-Trichlorobenzene	3,200	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2,4,5-Trichlorophenol	--	0.66 U	0.78 U	4.1 U	0.81 U	3.5 U
2,4,6-Trichlorophenol	390	0.33 U	0.39 U	2 U	0.4 U	1.8 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	0.8	0.84	1.5 U	0.031 U	0.13 U
Acenaphthylene	--	1.2	0.99	1.6	0.031 U	0.19
Anthracene	--	1.5	0.98	1.8	0.031 U	0.36
Benzo(a)anthracene	--	2.7	1.8	2.8	0.031 U	0.13 U
Benzo(b)fluoranthene	--	1.2	0.87	1.7	0.031 U	0.24
Benzo(k)fluoranthene	--	0.76	0.75	1.5 U	0.031 U	0.24
Benzo(g,h,i)perylene	--	0.61	0.38	1.5 U	0.031 U	0.57
Benzo(a)pyrene	--	1.7	1.1	1.8	0.031 U	0.13
Chrysene	--	2.5	1.7	3.2	0.031 U	0.75
Dibenzo(a,h)anthracene	--	0.25 U	0.3 U	1.5 U	0.031 U	0.13 U
Fluoranthene	--	3.4	2.8	3.7	0.031 U	0.21
Fluorene	--	1	0.87	1.5 U	0.031 U	0.13 U
Indeno(1,2,3-cd)pyrene	--	0.56	0.34	1.5 U	0.031 U	0.29
Naphthalene	270	0.25 U	2.1	2.1	0.14	0.38
Phenanthrene	--	3.8	3.7	4.1	0.076	1.3
Pyrene	--	4.6	4	5.5	0.047	0.36
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1221	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1232	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1242	--	1.3	0.15	2.5	0.096 U	0.87 U
Aroclor 1248	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1254	--	1.1	0.19 U	2.2	0.19 U	1.7 U
Aroclor 1260	--	0.17 U	0.19 U	0.18 U	0.19 U	1.7 U
Total PCBs	--	2.910	0.902	5.232	0.86 U	7.75 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1 UJ
Arsenic	1,200	4.8	3.4 J	5.9	5.1 J	1.2
Barium	910,000	110 J	80 J	100 J	97 J	59 J
Beryllium	2,100	1	0.9	0.86	1.2	0.57
Cadmium	2,800	1.2	0.7	0.59	0.59	0.54
Chromium	420	29 J	13 J	11 J	17 J	5.1 J
Copper	--	91 J	35 J	43 J	31 J	6.8 J
Lead	--	190 J	65	140 J	17	25 J
Mercury	540,000	0.21	0.052	0.28	0.046	0.026 U
Nickel	21,000	18 J	11 J	12 J	26 J	7.4 J
Selenium	--	0.98 U	1.1 U	1.1 U	1.1 U	1 U
Silver	--	0.98 U	1.1 U	1.1 U	1.1 U	1 U
Thallium	--	1.3	1.5	1.5	1.9	1.3
Zinc	--	260 J	88 J	69 J	54 J	29 J
Total Cyanide	--	0.25 U	0.27 U	0.29 U	0.34 U	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
TCL Volatiles (mg/kg)						
Acetone	100,000	0.14	0.14	0.13	0.044 U	0.082
Benzene	1.6	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromodichloromethane	3,000	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromoform	100	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromomethane	15	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
2-Butanone	--	0.024 U	0.015	0.027	0.018 U	0.02 U
Carbon Disulfide	720	0.012 U	0.013	0.012 U	0.0088 U	0.0099 U
Carbon Tetrachloride	0.640	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chlorobenzene	210	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chloroethane	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Chloroform	0.54	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chloromethane	--	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Dibromochloromethane	1,300	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1-Dichloroethane	1,700	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,2-Dichloroethane	0.7	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1-Dichloroethene	1,500	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
cis-1,2-Dichloroethene	1,200	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
trans-1,2-Dichloroethene	3,100	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,2-Dichloropropane	23	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
cis-1,3-Dichloropropene	2.1	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
trans-1,3-Dichloropropene	2.1	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Ethylbenzene	400	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
2-Hexanone	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
4-Methyl-2-Pentanone	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Methylene Chloride	24	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Styrene	1,500	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Tetrachloroethene	20	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Toluene	650	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,1-Trichloroethane	1,200	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,2-Trichloroethane	1,800	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Trichloroethene	8.9	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Vinyl Chloride	1.1	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
m,p-Xylene*	320	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
o-Xylene*	320	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Bis(2-chloroethyl)ether	0.47	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	5.6	0.39 U	0.42 U	0.39 U
4-Bromophenyl phenyl ether	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Butyl benzyl phthalate	930	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Carbazole	--	0.4 U	0.47	0.39 U	0.67	0.39 U
4-Chloro-3-methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Chloroaniline	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Chloronaphthalene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Chlorophenol	53,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Dibenzofuran	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,2-Dichlorobenzene	560	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,3-Dichlorobenzene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,4-Dichlorobenzene	17,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
3,3´-Dichlorobenzidine	--	0.8 U	0.71 U	0.79 U	0.85 U	0.77 U
2,4-Dichlorophenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Diethyl phthalate	2,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Dimethyl phthalate	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Di-n-butyl phthalate	2,300	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,4-Dimethylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,6-Dinitrotoluene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Di-n-octyl phthalate	10,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorobenzene	1.8	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorobutadiene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorocyclopentadiene	16	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachloroethane	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Isophorone	4,600	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Methylnaphthalene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
3-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
4-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
Nitrobenzene	140	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Nitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
4-Nitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
N-Nitrosodiphenylamine	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.015 U	0.017 U	0.018 U	0.016 U
Pentachlorophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
Phenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,4,5-Trichlorophenol	--	0.8 U	0.71 U	0.79 U	0.85 U	0.77 U
2,4,6-Trichlorophenol	390	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
PAHs (mg/kg)						
Acenaphthene	--	0.12	0.11	0.03 U	0.13	0.029 U
Acenaphthylene	--	0.086	0.082	0.03 U	0.074	0.029 U
Anthracene	--	0.17	0.15	0.03 U	0.33	0.029 U
Benzo(a)anthracene	--	0.094	0.19	0.064	0.17	0.029 U
Benzo(b)fluoranthene	--	0.13	0.47	0.041	0.38	0.029 U
Benzo(k)fluoranthene	--	0.14	0.53	0.056	0.87	0.029 U
Benzo(g,h,i)perylene	--	0.36	0.57	0.037	0.35	0.029 U
Benzo(a)pyrene	--	0.14	0.33	0.072	0.32	0.029 U
Chrysene	--	0.39	0.71	0.066	1.1	0.029 U
Dibenzo(a,h)anthracene	--	0.11	0.076	0.03 U	0.19	0.029 U
Fluoranthene	--	0.33	0.55	0.074	2	0.029 U
Fluorene	--	0.31	0.086	0.03 U	0.12	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.24	0.18	0.036	0.36	0.029 U
Naphthalene	270	0.03 U	0.16	0.03 U	0.18	0.056
Phenanthrene	--	0.13	0.7	0.03 U	1	0.029 U
Pyrene	--	1.2	0.63	0.074	2.1	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1221	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1232	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1242	--	0.098 U	8.5	0.095 U	0.1 U	0.092 U
Aroclor 1248	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1254	--	0.2 U	6	0.19 U	0.2 U	0.18 U
Aroclor 1260	--	0.2 U	0.17 U	0.19 U	0.2 U	0.18 U
Total PCBs	--	0.890 U	15.014	0.855 U	0.9 U	0.82 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	6.5 J	1.1 UJ	1.2 UJ	0.97 UJ
Arsenic	1,200	7.5 J	20	5.8 J	7.2	15 J
Barium	910,000	100 J	520 J	98 J	120 J	98 J
Beryllium	2,100	1.3	1.4	0.83	1.1	1.2
Cadmium	2,800	0.59 U	8.1	0.56 U	0.72	0.53
Chromium	420	21 J	320 J	11 J	19 J	20 J
Copper	--	28 J	480 J	11 J	28 J	38 J
Lead	--	19	1400 J	36	61 J	22
Mercury	540,000	0.031 U	2.6	0.14	0.33	0.026 U
Nickel	21,000	33 J	210 J	12 J	26 J	38 J
Selenium	--	1.2 U	0.99 U	1.1 U	1.2 U	0.97 U
Silver	--	1.2 U	1	1.1 U	1.2 U	0.97 U
Thallium	--	2.1	1.3	2	2	2
Zinc	--	53 J	1600 J	40 J	73 J	46 J
Total Cyanide	--	0.31 U	0.28 U	0.29 U	0.35 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.12 J	0.036 U	0.11	0.071	0.15
Benzene	1.6	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromodichloromethane	3,000	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromoform	100	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromomethane	15	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
2-Butanone	--	0.029 UJ	0.014 U	0.027	0.02 U	0.031
Carbon Disulfide	720	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Carbon Tetrachloride	0.640	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chlorobenzene	210	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chloroethane	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Chloroform	0.54	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chloromethane	--	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Dibromochloromethane	1,300	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1-Dichloroethane	1,700	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,2-Dichloroethane	0.7	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1-Dichloroethene	1,500	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,2-Dichloropropane	23	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
cis-1,3-Dichloropropene	2.1	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
trans-1,3-Dichloropropene	2.1	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Ethylbenzene	400	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
2-Hexanone	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
4-Methyl-2-Pentanone	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Methylene Chloride	24	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Styrene	1,500	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Tetrachloroethene	20	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Toluene	650	0.014 UJ	0.008	0.013 U	0.01 U	0.013 U
1,1,1-Trichloroethane	1,200	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1,2-Trichloroethane	1,800	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Trichloroethene	8.9	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Vinyl Chloride	1.1	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
m,p-Xylene*	320	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
o-Xylene*	320	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Bis(2-chloroethyl)ether	0.47	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Bis(2-ethylhexyl)phthalate	31,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Bromophenyl phenyl ether	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Butyl benzyl phthalate	930	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Carbazole	--	0.53	1.7 U	0.4 U	0.39 U	0.43 U
4-Chloro-3-methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Chloroaniline	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Chloronaphthalene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Chlorophenol	53,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Chlorophenyl phenyl ether	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Dibenzofuran	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,2-Dichlorobenzene	560	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,3-Dichlorobenzene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,4-Dichlorobenzene	17,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
3,3´-Dichlorobenzidine	--	0.83 U	3.5 U	0.8 U	0.77 U	0.85 U
2,4-Dichlorophenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Diethyl phthalate	2,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Dimethyl phthalate	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Di-n-butyl phthalate	2,300	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,4-Dimethylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4,6-Dinitro-2-methylphenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
2,4-Dinitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
2,4-Dinitrotoluene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,6-Dinitrotoluene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Di-n-octyl phthalate	10,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorobenzene	1.8	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorobutadiene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorocyclopentadiene	16	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachloroethane	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Isophorone	4,600	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Methylnaphthalene	--	1.7	1.7 U	0.4 U	0.39 U	0.43 U
2-Methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
3-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
4-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
Nitrobenzene	140	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Nitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
4-Nitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
N-Nitrosodi-n-propylamine	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
N-Nitrosodiphenylamine	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2, 2'-Oxybis(1-Chloropropane)	--	0.018 U	0.074 U	0.017 U	0.016 U	0.018 U
Pentachlorophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
Phenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,2,4-Trichlorobenzene	3,200	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,4,5-Trichlorophenol	--	0.83 U	3.5 U	0.8 U	0.77 U	0.85 U
2,4,6-Trichlorophenol	390	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.42	1.3 U	0.056	0.029 U	0.072
Acenaphthylene	--	0.37	1.3 U	0.03 U	0.029 U	0.17
Anthracene	--	1.7	1.3 U	0.29	0.029 U	0.032 U
Benzo(a)anthracene	--	1.9	1.3 U	0.13	0.029 U	0.045
Benzo(b)fluoranthene	--	1.1	1.3 U	0.58	0.029 U	0.12
Benzo(k)fluoranthene	--	0.96	1.3 U	0.65	0.029 U	0.098
Benzo(g,h,i)perylene	--	0.46	1.3 U	0.31	0.029 U	0.062
Benzo(a)pyrene	--	0.89	1.3 U	0.64	0.029 U	0.056
Chrysene	--	2.3	1.3 U	1.1	0.029 U	0.3
Dibenzo(a,h)anthracene	--	0.15	1.3 U	0.23	0.029 U	0.032 U
Fluoranthene	--	4.1	1.3 U	1.6	0.029 U	0.15
Fluorene	--	0.7	1.3 U	0.056	0.029 U	0.032 U
Indeno(1,2,3-cd)pyrene	--	0.38	1.3 U	0.3 U	0.029 U	0.043
Naphthalene	270	2	1.3 U	0.032	0.029 U	0.062
Phenanthrene	--	5.7	1.3	0.81	0.029 U	0.19
Pyrene	--	4.7	2	1.7	0.029 U	0.14
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1221	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1232	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1242	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1248	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1254	--	0.2 U	0.17 U	0.2 U	0.19 U	0.21 U
Aroclor 1260	--	0.2 U	0.17 U	0.2 U	0.19 U	0.21 U
Total PCBs	--	0.900 U	0.775 U	0.900 U	0.845 U	0.92 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.3 UJ	1.1 UJ	6 J	1.1 UJ	1.3 UJ
Arsenic	1,200	7.7 J	1.7	10 J	10 J	9.5
Barium	910,000	49 J	57 J	140 J	88 J	170 J
Beryllium	2,100	1.1	0.59	1.1	1.1	1.2
Cadmium	2,800	0.69	0.95	1	0.56 U	0.85
Chromium	420	22 J	5.6 J	11 J	16 J	16 J
Copper	--	33 J	9.1 J	59 J	33 J	73 J
Lead	--	40	23 J	970	19	69 J
Mercury	540,000	0.051	0.025 U	6.2	0.029 U	0.18
Nickel	21,000	28 J	8.8 J	13 J	36 J	20 J
Selenium	--	1.3 U	1.1 U	1.1 U	1.1 U	1.3 U
Silver	--	1.3 U	1.1 U	1.1 U	1.1 U	1.3 U
Thallium	--	1.5	1.4	1.6	2.2	1.9
Zinc	--	88 J	33 J	200 J	52 J	100 J
Total Cyanide	--	0.33 U	0.28 U	0.31 U	0.32 U	0.35 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	100,000	0.063 U	0.079 U	0.082	0.065
Benzene	1.6	0.013 U	0.016 U	0.0089 U	0.12
Bromodichloromethane	3,000	0.013 U	0.016 U	0.0089 U	0.0094 U
Bromoform	100	0.013 U	0.016 U	0.0089 U	0.0094 U
Bromomethane	15	0.025 U	0.031 U	0.018 U	0.019 U
2-Butanone	--	0.025 U	0.031 U	0.018 U	0.034
Carbon Disulfide	720	0.013 U	0.016 U	0.0089 U	0.0094 U
Carbon Tetrachloride	0.640	0.013 U	0.016 U	0.0089 U	0.0094 U
Chlorobenzene	210	0.013 U	0.016 U	0.0089 U	0.0094 U
Chloroethane	--	0.025 U	0.031 U	0.018 U	0.019 U
Chloroform	0.54	0.013 U	0.016 U	0.0089 U	0.0094 U
Chloromethane	--	0.013 U	0.016 U	0.0089 U	0.0094 U
Dibromochloromethane	1,300	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1-Dichloroethane	1,700	0.013 U	0.016 U	0.0089 U	0.0094 U
1,2-Dichloroethane	0.7	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1-Dichloroethene	1,500	0.013 U	0.016 U	0.0089 U	0.0094 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.016 U	0.0089 U	0.0094 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.016 U	0.0089 U	0.0094 U
1,2-Dichloropropane	23	0.013 U	0.016 U	0.0089 U	0.0094 U
cis-1,3-Dichloropropene	2.1	0.013 U	0.016 U	0.0089 U	0.0094 U
trans-1,3-Dichloropropene	2.1	0.013 U	0.016 U	0.0089 U	0.0094 U
Ethylbenzene	400	0.013 U	0.016 U	0.0089 U	0.37
2-Hexanone	--	0.025 U	0.031 U	0.018 U	0.019 U
4-Methyl-2-Pentanone	--	0.025 U	0.031 U	0.018 U	0.019 U
Methylene Chloride	24	0.025 U	0.031 U	0.018 U	0.019 U
Styrene	1,500	0.013 U	0.016 U	0.0089 U	0.014
1,1,2,2-Tetrachloroethane	--	0.013 U	0.016 U	0.0089 U	0.0094 U
Tetrachloroethene	20	0.013 U	0.023	0.0089 U	0.0094 U
Toluene	650	0.013 U	0.016 U	0.0089 U	0.025
1,1,1-Trichloroethane	1,200	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1,2-Trichloroethane	1,800	0.013 U	0.016 U	0.0089 U	0.0094 U
Trichloroethene	8.9	0.013 U	0.016 U	0.0089 U	0.0094 U
Vinyl Chloride	1.1	0.025 U	0.031 U	0.018 U	0.019 U
m,p-Xylene*	320	0.013 U	0.016 U	0.0089 U	0.057
o-Xylene*	320	0.013 U	0.016 U	0.0089 U	0.17

NOTES:
(1) * "Total xylenes" screening level used because it is the most conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	0.39 U	1.9 U	0.4 U	0.35 U
Bis(2-chloroethyl)ether	0.47	0.39 U	1.9 U	0.4 U	0.35 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	9.7	0.4 U	2.1
4-Bromophenyl phenyl ether	--	0.39 U	1.9 U	0.4 U	0.35 U
Butyl benzyl phthalate	930	0.39 U	1.9 U	0.4 U	0.35 U
Carbazole	--	0.39 U	1.9 U	0.4 U	0.87
4-Chloro-3-methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4-Chloroaniline	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Chloronaphthalene	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Chlorophenol	53,000	0.39 U	1.9 U	0.4 U	0.35 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.9 U	0.4 U	0.35 U
Dibenzofuran	--	0.39 U	1.9 U	0.4 U	0.35 U
1,2-Dichlorobenzene	560	0.39 U	1.9 U	0.4 U	0.35 U
1,3-Dichlorobenzene	--	0.39 U	1.9 U	0.4 U	0.35 U
1,4-Dichlorobenzene	17,000	0.39 U	1.9 U	0.4 U	0.35 U
3,3´-Dichlorobenzidine	--	0.78 U	3.9 U	0.79 U	0.69 U
2,4-Dichlorophenol	--	0.39 U	1.9 U	0.4 U	0.35 U
Diethyl phthalate	2,000	0.39 U	1.9 U	0.4 U	0.35 U
Dimethyl phthalate	--	0.39 U	1.9 U	0.4 U	0.35 U
Di-n-butyl phthalate	2,300	0.39 U	1.9 U	0.4 U	0.35 U
2,4-Dimethylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4,6-Dinitro-2-methylphenol	--	1.9 U	9.4 U	1.9 U	1.7 U
2,4-Dinitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
2,4-Dinitrotoluene	--	0.39 U	1.9 U	0.4 U	0.35 U
2,6-Dinitrotoluene	--	0.39 U	1.9 U	0.4 U	0.35 U
Di-n-octyl phthalate	10,000	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorobenzene	1.8	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorobutadiene	--	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorocyclopentadiene	16	0.39 U	1.9 U	0.4 U	0.35 U
Hexachloroethane	--	0.39 U	1.9 U	0.4 U	0.35 U
Isophorone	4,600	0.39 U	1.9 U	0.4 U	0.35 U
2-Methylnaphthalene	--	1.6	1.9 U	0.4 U	1.7
2-Methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4-Methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
3-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
4-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
Nitrobenzene	140	0.39 U	1.9 U	0.4 U	0.35 U
2-Nitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
4-Nitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
N-Nitrosodi-n-propylamine	--	0.39 U	1.9 U	0.4 U	0.35 U
N-Nitrosodiphenylamine	--	0.39 U	1.9 U	0.4 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.082 U	0.017 U	0.015 U
Pentachlorophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
Phenol	--	0.39 U	1.9 U	0.4 U	0.35 U
1,2,4-Trichlorobenzene	3,200	0.39 U	1.9 U	0.4 U	0.35 U
2,4,5-Trichlorophenol	--	0.78 U	3.9 U	0.79 U	0.69 U
2,4,6-Trichlorophenol	390	0.39 U	1.9 U	0.4 U	0.35 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 22 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Industrial/Commercial Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	--	0.062	0.15 U	0.03 U	0.74
Acenaphthylene	--	0.074	0.15 U	0.03 U	0.65
Anthracene	--	0.029	0.16	0.03 U	1.9
Benzo(a)anthracene	--	0.09	0.15 U	0.03 U	2.5
Benzo(b)fluoranthene	--	0.13	0.78	0.03 U	2
Benzo(k)fluoranthene	--	0.11	0.81	0.03 U	1.9
Benzo(g,h,i)perylene	--	0.087	1.1	0.03 U	1.3
Benzo(a)pyrene	--	0.13	0.45	0.03 U	2.4
Chrysene	--	0.16	0.83	0.03 U	3.9
Dibenzo(a,h)anthracene	--	0.038	0.25	0.03 U	0.37
Fluoranthene	--	0.17	0.45	0.03 U	4.1
Fluorene	--	0.16	0.15 U	0.03 U	1.2
Indeno(1,2,3-cd)pyrene	--	0.076	0.69	0.03 U	0.94
Naphthalene	270	0.22	0.15 U	0.03 U	1.8
Phenanthrene	--	0.38	0.42	0.03 U	3.6
Pyrene	--	0.088	0.64	0.03 U	6.8
PCBs (mg/kg)					
Aroclor 1016	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1221	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1232	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1242	--	0.28	1.5	0.096 U	5.2 U
Aroclor 1248	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1254	--	0.26	1	0.19 U	5.2 U
Aroclor 1260	--	0.2 U	0.19 U	0.19 U	0.17 U
Total PCBs	--	1.136	3.066	0.86 U	10.906 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	--	NA	0.98 J	1.1 UJ	0.95 UJ
Arsenic	1,200	NA	3.8	13 J	7.6
Barium	910,000	NA	140 J	79 J	59 J
Beryllium	2,100	NA	1.1	1.2	0.63
Cadmium	2,800	NA	1.5	0.57 U	1.1
Chromium	420	NA	21 J	20 J	13 J
Copper	--	NA	79 J	31 J	42 J
Lead	--	NA	210 J	19	240 J
Mercury	540,000	NA	0.38	0.03 U	0.3
Nickel	21,000	NA	16 J	39 J	17 J
Selenium	--	NA	0.94 U	1.1 U	0.95 U
Silver	--	NA	0.94 U	1.1 U	0.95 U
Thallium	--	NA	1.3	1.8	0.95 U
Zinc	--	NA	290 J	52 J	140 J
Total Cyanide	--	NA	0.28 U	0.32 U	1.3

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.099	0.041 U	0.17	0.091	0.051
Benzene	2.2	0.0097 U	0.0082 U	0.055	0.015	0.0072 U
Bromodichloromethane	3,000	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromoform	140	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromomethane	3.9	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
2-Butanone	--	0.019 U	0.016 U	0.024 U	0.02	0.014 U
Carbon Disulfide	9	0.0097 U	0.0082 U	0.023	0.0081 U	0.0072 U
Carbon Tetrachloride	0.9	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chlorobenzene	1.3	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloroethane	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Chloroform	0.76	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloromethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Dibromochloromethane	1,300	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethane	130	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloroethane	0.99	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethene	300	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,2-Dichloroethene	1,200	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,2-Dichloroethene	3,100	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloropropane	0.5	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,3-Dichloropropene	0.39	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,3-Dichloropropene	0.39	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Ethylbenzene	58	0.0097 U	0.0082 U	0.044	0.049	0.0072 U
2-Hexanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
4-Methyl-2-Pentanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Methylene Chloride	34	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Styrene	430	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2,2-Tetrachloroethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Tetrachloroethene	28	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Toluene	42	0.0097 U	0.0082 U	0.036	0.0081 U	0.0072 U
1,1,1-Trichloroethane	1,200	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2-Trichloroethane	1,800	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Trichloroethene	12	0.0097 U	0.0082 U	0.021	0.0081 U	0.0072 U
Vinyl Chloride	1.1	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
m,p-Xylene*	320	0.0097 U	0.0082 U	0.028	0.0081 U	0.0072 U
o-Xylene*	320	0.0097 U	0.0082 U	0.025	0.012	0.0096

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-chloroethyl)ether	0.66	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	0.45	0.37 U	0.38 U	0.49
4-Bromophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Butyl benzyl phthalate	930	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Carbazole	--	0.37 U	0.38 U	0.52	0.47	2.9
4-Chloro-3-methylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chloroaniline	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chloronaphthalene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chlorophenol	53,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dibenzofuran	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2-Dichlorobenzene	310	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,3-Dichlorobenzene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,4-Dichlorobenzene	340	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
3,3´-Dichlorobenzidine	--	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4-Dichlorophenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Diethyl phthalate	2,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dimethyl phthalate	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-butyl phthalate	2,300	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4-Dimethylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,6-Dinitrotoluene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-octyl phthalate	10,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobenzene	2.6	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobutadiene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorocyclopentadiene	1.1	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachloroethane	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Isophorone	4,600	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Methylnaphthalene	--	0.37 U	0.38 U	0.85	0.38 U	0.57
2-Methylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Methylphenol	--	0.37 U	0.38 U	0.56	0.38 U	0.36 U
2-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
3-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Nitrobenzene	9.4	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
N-Nitrosodiphenylamine	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.016 U	0.015 U
Pentachlorophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Phenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2,4-Trichlorobenzene	920	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	--	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4,6-Trichlorophenol	540	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.037	0.029 U	0.45	0.19	0.69
Acenaphthylene	--	0.032	0.029 U	1.2	0.13	0.32
Anthracene	--	0.27	0.16	1.5	0.3	0.75
Benzo(a)anthracene	--	0.34	0.34	3.5	0.43	2.5
Benzo(b)fluoranthene	--	0.44	0.32	2.2	0.36	1.8
Benzo(k)fluoranthene	--	0.44	0.26	2.7	0.39	1.6
Benzo(g,h,i)perylene	--	0.31	0.23	2	0.48	0.94
Benzo(a)pyrene	--	0.32	0.21	3.1	0.52	2.3
Chrysene	--	0.71	0.67	4.1	0.62	2.5
Dibenzo(a,h)anthracene	--	0.16	0.099	0.81	0.13	0.39
Fluoranthene	--	1.4	1.1	6.2	0.85	4.1
Fluorene	--	0.067	0.029 U	0.63	0.21	0.65
Indeno(1,2,3-cd)pyrene	--	0.31	0.2	2	0.35	0.93
Naphthalene	1.8	0.36	0.044	0.84	0.28	0.75
Phenanthrene	--	0.64	0.35	3.8	1	3.7
Pyrene	--	1.5	1.2	8.6	1.1	4.5
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1221	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1232	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1242	--	0.09 U	0.093 U	0.094	0.09 U	0.4
Aroclor 1248	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.18 U	0.33
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.18 U	0.16 U
Total PCBs	--	0.810 U	0.845 U	0.814	0.810 U	1.226
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	0.97 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ
Arsenic	25,000	8.1	9.2 J	6.5	2.5 J	7.2
Barium	870,000	61 J	47 J	82 J	19 J	68 J
Beryllium	44,000	0.75	0.87	1.1	0.63	1
Cadmium	59,000	0.91	0.54	0.79	0.52 U	1.1
Chromium	690	14 J	20 J	15 J	6.9 J	20 J
Copper	--	66 J	32 J	43 J	8.9 J	110 J
Lead	--	380 J	41	130 J	31	150 J
Mercury	52,000	0.35	0.28	0.15	0.035	0.076
Nickel	440,000	17 J	33 J	20 J	5.5 J	23 J
Selenium	--	0.97 U	1 U	1 U	1 U	1.1 U
Silver	--	0.97 U	1 U	1 U	1 U	1.1 U
Thallium	--	0.97 U	4.2	1	1 U	1.1 U
Zinc	--	160 J	70 J	90 J	23 J	290 J
Total Cyanide	--	0.31 U	0.27 U	0.26 U	0.26 U	0.23 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.32	0.061 U	0.067	0.061	0.073
Benzene	2.2	0.017 U	0.012 U	0.015	0.012 U	0.079
Bromodichloromethane	3,000	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromoform	140	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromomethane	3.9	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
2-Butanone	--	0.072	0.025 U	0.024 U	0.023 U	0.025 U
Carbon Disulfide	9	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Carbon Tetrachloride	0.9	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chlorobenzene	1.3	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloroethane	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Chloroform	0.76	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloromethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Dibromochloromethane	1,300	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethane	130	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloroethane	0.99	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethene	300	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloropropane	0.5	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	0.39	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	0.39	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Ethylbenzene	58	0.017 U	0.012 U	0.012 U	0.012 U	0.15
2-Hexanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
4-Methyl-2-Pentanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Methylene Chloride	34	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Styrene	430	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Tetrachloroethene	28	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Toluene	42	0.017 U	0.012 U	0.012 U	0.012 U	0.041
1,1,1-Trichloroethane	1,200	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2-Trichloroethane	1,800	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Trichloroethene	12	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Vinyl Chloride	1.1	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
m,p-Xylene*	320	0.017 U	0.012 U	0.012 U	0.012 U	0.11
o-Xylene*	320	0.017 U	0.012 U	0.012 U	0.012 U	0.12

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-chloroethyl)ether	0.66	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.44 U	1.1	0.38 U	0.39 U	0.38 U
4-Bromophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Butyl benzyl phthalate	930	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Carbazole	--	0.44 U	0.41 U	0.67	0.39 U	2.2
4-Chloro-3-methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chloroaniline	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chloronaphthalene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chlorophenol	53,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dibenzofuran	--	0.44 U	0.41 U	0.38 U	0.39 U	0.4
1,2-Dichlorobenzene	310	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,3-Dichlorobenzene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,4-Dichlorobenzene	340	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
3,3´-Dichlorobenzidine	--	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4-Dichlorophenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Diethyl phthalate	2,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dimethyl phthalate	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-butyl phthalate	2,300	0.44 U	0.45	0.38 U	0.39 U	0.38 U
2,4-Dimethylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4,6-Dinitro-2-methylphenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,6-Dinitrotoluene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-octyl phthalate	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobenzene	2.6	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobutadiene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorocyclopentadiene	1.1	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachloroethane	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Isophorone	4,600	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Methylnaphthalene	--	0.44 U	0.41 U	0.54	0.39 U	2.7
2-Methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
3-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Nitrobenzene	9.4	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
N-Nitrosodiphenylamine	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.019 U	0.017 U	0.016 U	0.017 U	0.016 U
Pentachlorophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Phenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,2,4-Trichlorobenzene	920	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,4,5-Trichlorophenol	--	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4,6-Trichlorophenol	540	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.034 U	0.17	0.84	0.03 U	1.4
Acenaphthylene	--	0.034 U	0.13	1.3	0.03 U	0.59
Anthracene	--	0.034 U	0.7	1.1	0.03 U	1.7
Benzo(a)anthracene	--	0.034 U	0.78	3	0.03 U	3.3
Benzo(b)fluoranthene	--	0.034 U	1.1	1.9	0.03 U	2
Benzo(k)fluoranthene	--	0.034 U	0.91	2.5	0.03 U	2.4
Benzo(g,h,i)perylene	--	0.034 U	1.2	1.2	0.03 U	1.4
Benzo(a)pyrene	--	0.034 U	0.75	3.3	0.03 U	3.3
Chrysene	--	0.034 U	1.7	3.5	0.03 U	4.2
Dibenzo(a,h)anthracene	--	0.034 U	0.41	0.55	0.03 U	0.71
Fluoranthene	--	0.034 U	2.4	4.3	0.03 U	7.2
Fluorene	--	0.034 U	0.31	0.77	0.03 U	1.5
Indeno(1,2,3-cd)pyrene	--	0.034 U	0.74	1.3	0.03 U	1.6
Naphthalene	1.8	0.034 U	0.15	0.22	0.03 U	4.2
Phenanthrene	--	0.034 U	1.5	2.9	0.03 U	7
Pyrene	--	0.034 U	3.4	6.6	0.03 U	6.1
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1221	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1232	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1242	--	0.1 U	5.8	0.092 U	0.095 U	0.29
Aroclor 1248	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1254	--	0.2 U	3.4	0.19 U	0.19 U	0.29
Aroclor 1260	--	0.2 U	0.19 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.900 U	9.774	0.840 U	0.855 U	1.128
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	25,000	3.6 J	8.1 J	9	5.8 J	7.3
Barium	870,000	58 J	260 J	78 J	18 J	160 J
Beryllium	44,000	1.3	0.72	1.1	0.97	0.95
Cadmium	59,000	0.6 U	3	1.1	0.55 U	1.2
Chromium	690	20 J	570 J	14 J	15 J	13 J
Copper	--	18 J	220 J	140 J	19 J	35 J
Lead	--	17	280	160 J	13	450 J
Mercury	52,000	0.031 U	0.31	0.32	0.027 U	0.22
Nickel	440,000	24 J	76 J	20 J	23 J	17 J
Selenium	--	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver	--	1.2 U	1.3	1.1 U	1.1 U	1.1 U
Thallium	--	1.2	1.2 U	1.1 U	1.5	1.1 U
Zinc	--	63 J	780 J	240 J	37 J	320 J
Total Cyanide	--	0.31 U	0.33 U	0.27 U	0.31 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.16	0.092 U	0.06 U	0.068 U	0.047 U
Benzene	2.2	0.78	0.056	0.012 U	0.014 U	0.0095 U
Bromodichloromethane	3,000	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Bromoform	140	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Bromomethane	3.9	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
2-Butanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Carbon Disulfide	9	0.025 U	0.018 U	0.04	0.014 U	0.0095 U
Carbon Tetrachloride	0.9	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chlorobenzene	1.3	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chloroethane	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Chloroform	0.76	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Chloromethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Dibromochloromethane	1,300	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1-Dichloroethane	130	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,2-Dichloroethane	0.99	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1-Dichloroethene	300	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
cis-1,2-Dichloroethene	1,200	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
trans-1,2-Dichloroethene	3,100	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,2-Dichloropropane	0.5	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
cis-1,3-Dichloropropene	0.39	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
trans-1,3-Dichloropropene	0.39	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Ethylbenzene	58	3	0.38	0.013	0.014 U	0.0095 U
2-Hexanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
4-Methyl-2-Pentanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Methylene Chloride	34	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Styrene	430	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1,2,2-Tetrachloroethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Tetrachloroethene	28	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Toluene	42	0.79	0.044	0.012	0.014	0.0095 U
1,1,1-Trichloroethane	1,200	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
1,1,2-Trichloroethane	1,800	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Trichloroethene	12	0.025 U	0.018 U	0.012 U	0.014 U	0.0095 U
Vinyl Chloride	1.1	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
m,p-Xylene*	320	3	0.098	0.016	0.014	0.0095 U
o-Xylene*	320	2	0.17	0.012 U	0.014 U	0.0095 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Bis(2-chloroethyl)ether	0.66	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	1.1 U	0.37 U	0.38 U	2.9
4-Bromophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Butyl benzyl phthalate	930	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Carbazole	--	0.39 U	1.4	0.47	0.38 U	0.41 U
4-Chloro-3-methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Chloroaniline	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Chloronaphthalene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Chlorophenol	53,000	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Dibenzofuran	--	1.3	1.6	0.37 U	0.38 U	0.41 U
1,2-Dichlorobenzene	310	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,3-Dichlorobenzene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,4-Dichlorobenzene	340	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
3,3´-Dichlorobenzidine	--	0.78 U	2.2 U	0.74 U	0.76 U	0.81 U
2,4-Dichlorophenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Diethyl phthalate	2,000	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Dimethyl phthalate	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Di-n-butyl phthalate	2,300	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,4-Dimethylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4,6-Dinitro-2-methylphenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
2,4-Dinitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
2,4-Dinitrotoluene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,6-Dinitrotoluene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Di-n-octyl phthalate	--	0.39 U	1.1 U	0.37 U	0.38 U	0.71
Hexachlorobenzene	2.6	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachlorobutadiene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachlorocyclopentadiene	1.1	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Hexachloroethane	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
Isophorone	4,600	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Methylnaphthalene	--	20	17	0.4	0.38 U	0.41 U
2-Methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
4-Methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
3-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
4-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
Nitrobenzene	9.4	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
4-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
N-Nitrosodi-n-propylamine	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
N-Nitrosodiphenylamine	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.046 U	0.016 U	0.016 U	0.017 U
Pentachlorophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	2 U
Phenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
1,2,4-Trichlorobenzene	920	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U
2,4,5-Trichlorophenol	--	0.78 U	2.2 U	0.74 U	0.76 U	0.81 U
2,4,6-Trichlorophenol	540	0.39 U	1.1 U	0.37 U	0.38 U	0.41 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP08-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	10	4.5	0.28 U	0.029 U	0.031 U
Acenaphthylene	--	2	4.2	0.39	0.029 U	0.28
Anthracene	--	9.6	4.9	0.54	0.029 U	0.4
Benzo(a)anthracene	--	3.9	4.2	1.5	0.029 U	1.4
Benzo(b)fluoranthene	--	1.1	1.3	1.3	0.029 U	1.2
Benzo(k)fluoranthene	--	0.89	1.1	0.98	0.029 U	0.9
Benzo(g,h,i)perylene	--	1.2	0.82 U	0.77	0.029 U	0.9
Benzo(a)pyrene	--	2.7	0.97	1.6	0.029 U	1.7
Chrysene	--	5.1	4.3	1.6	0.029 U	1.5
Dibenzo(a,h)anthracene	--	0.52	0.82 U	0.28 U	0.029 U	0.33
Fluoranthene	--	9.1	6.8	2.5	0.029 U	1.7
Fluorene	--	10	6.5	0.28 U	0.029 U	0.078
Indeno(1,2,3-cd)pyrene	--	1.2	0.82 U	0.71	0.029 U	0.83
Naphthalene	1.8	27	13	0.28	0.029 U	0.041
Phenanthrene	--	34	21	2.1	0.029 U	1
Pyrene	--	15	10	2.8	0.029 U	2.1
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1221	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1232	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1242	--	0.094 U	0.09 U	1.5	0.09 U	0.37
Aroclor 1248	--	0.094 U	0.09 U	0.091 U	0.09 U	0.099 U
Aroclor 1254	--	0.19 U	0.18 U	0.91 U	0.18 U	0.28
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.18 U	0.2 U
Total PCBs	--	0.850 U	0.810 U	2.954	0.810 U	1.246
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	NA	1 UJ	1.1 UJ	1.2 UJ
Arsenic	25,000	6.5 J	NA	4.4	7.7 J	7.2
Barium	870,000	67 J	NA	370 J	38 J	76 J
Beryllium	44,000	1	NA	5.7	0.98	1.1
Cadmium	59,000	0.98	NA	1.4	0.54 U	0.75
Chromium	690	12 J	NA	120 J	17 J	15 J
Copper	--	71 J	NA	400 J	28 J	50 J
Lead	--	190	NA	180 J	55	200 J
Mercury	52,000	0.15	NA	0.091	0.029 U	1.4
Nickel	440,000	17 J	NA	17 J	33 J	19 J
Selenium	--	1.1 U	NA	2.8	1.1 U	1.2 U
Silver	--	1.1 U	NA	1 U	1.1 U	1.2 U
Thallium	--	1.1 U	NA	1 U	1.4	1.2 U
Zinc	--	190 J	NA	180 J	69 J	170 J
Total Cyanide	--	0.26 U	NA	0.26 U	0.27 U	0.33 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.
(5) NA - Not Analyzed.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.097	0.12	0.071 U	0.062	0.057 U
Benzene	2.2	0.011 U	0.19	3.6	0.0092	0.011 U
Bromodichloromethane	3,000	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Bromoform	140	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Bromomethane	3.9	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
2-Butanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Carbon Disulfide	9	0.011 U	0.013	0.014 U	0.0074 U	0.011 U
Carbon Tetrachloride	0.9	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chlorobenzene	1.3	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chloroethane	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Chloroform	0.76	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Chloromethane	--	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Dibromochloromethane	1,300	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethane	130	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloroethane	0.99	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1-Dichloroethene	300	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
cis-1,2-Dichloroethene	1,200	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
trans-1,2-Dichloroethene	3,100	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,2-Dichloropropane	0.5	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
cis-1,3-Dichloropropene	0.39	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
trans-1,3-Dichloropropene	0.39	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Ethylbenzene	58	0.011 U	0.07	8.2	0.014	0.011 U
2-Hexanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Methylene Chloride	34	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
Styrene	430	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Tetrachloroethene	28	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Toluene	42	0.011 U	0.011 U	0.014 U	0.0087	0.011 U
1,1,1-Trichloroethane	1,200	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
1,1,2-Trichloroethane	1,800	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Trichloroethene	12	0.011 U	0.011 U	0.014 U	0.0074 U	0.011 U
Vinyl Chloride	1.1	0.022 U	0.022 U	0.028 U	0.015 U	0.023 U
m,p-Xylene*	320	0.011 U	0.013	5	0.021	0.011 U
o-Xylene*	320	0.011 U	0.087	1.4	0.014	0.011 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Bis(2-chloroethyl)ether	0.66	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.75	0.39 U	2.1	1.1
4-Bromophenyl phenyl ether	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Butyl benzyl phthalate	930	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Carbazole	--	0.4 U	3.7	0.39 U	1.1	0.38 U
4-Chloro-3-methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Chloroaniline	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Chloronaphthalene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Chlorophenol	53,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Dibenzofuran	--	0.4 U	0.65	1.2	2	0.38 U
1,2-Dichlorobenzene	310	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,3-Dichlorobenzene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,4-Dichlorobenzene	340	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
3,3´-Dichlorobenzidine	--	0.8 U	0.75 U	0.77 U	0.72 U	0.76 U
2,4-Dichlorophenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Diethyl phthalate	2,000	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Dimethyl phthalate	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Di-n-butyl phthalate	2,300	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,4-Dimethylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrotoluene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,6-Dinitrotoluene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Di-n-octyl phthalate	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorobenzene	2.6	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorobutadiene	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachlorocyclopentadiene	1.1	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Hexachloroethane	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
Isophorone	4,600	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Methylnaphthalene	--	0.4 U	0.37 U	23	27	1.1
2-Methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
4-Methylphenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
Nitrobenzene	9.4	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
N-Nitrosodiphenylamine	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.016 U	0.016 U	0.015 U	0.016 U
Pentachlorophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U
Phenol	--	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
1,2,4-Trichlorobenzene	920	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U
2,4,5-Trichlorophenol	--	0.8 U	0.75 U	0.77 U	0.72 U	0.76 U
2,4,6-Trichlorophenol	540	0.4 U	0.37 U	0.39 U	0.36 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-002 7-8	SB09-001 3-5	SP10-002 6-7	SB10-001 1-2	SP11-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	0.003 U	0.51	8.6	2.4	1.1
Acenaphthylene	--	0.0052	0.36	5.1	1.9	0.86
Anthracene	--	0.011	2.3	8.6	7.1	2.5
Benzo(a)anthracene	--	0.029	3.3	1.7	1.6	0.9
Benzo(b)fluoranthene	--	0.035	2.3	2.5	3.5	1.7
Benzo(k)fluoranthene	--	0.027	2.3	1.7	3.4	1.6
Benzo(g,h,i)perylene	--	0.015	0.74	1.6	3.6	0.62
Benzo(a)pyrene	--	0.031	1.6	2.2	3.9	1.8
Chrysene	--	0.035	3.8	11	9	3.1
Dibenzo(a,h)anthracene	--	0.006	0.31	0.59	1.2	0.3
Fluoranthene	--	0.043	5.3	6.8	11	3.7
Fluorene	--	0.0052	0.92	6.7	6.9	1.3
Indeno(1,2,3-cd)pyrene	--	0.014	0.69	1.1	2.6	0.44
Naphthalene	1.8	0.004	0.52	18	10	1.5
Phenanthrene	--	0.032	5.2	26	24	6.5
Pyrene	--	0.056	5.1	14	14	7.8
PCBs (mg/kg)						
Aroclor 1016	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1221	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1232	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1242	--	0.098 U	0.39	0.094 U	3.9	0.49
Aroclor 1248	--	0.098 U	0.088 U	0.094 U	0.09 U	0.092 U
Aroclor 1254	--	0.2 U	0.41	0.19 U	3.3	0.45
Aroclor 1260	--	0.2 U	0.18 U	0.19 U	0.18 U	0.18 U
Total PCBs	--	0.890 U	1.332	0.850 U	7.740	1.488
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1 UJ	1.1 UJ	1.1 J	1.1 UJ
Arsenic	25,000	2.8 J	7.8 J	13 J	7.2	5.4
Barium	870,000	31 J	140 J	80 J	140 J	120 J
Beryllium	44,000	1.1	0.6	1.1	0.84	1.1
Cadmium	59,000	0.54 U	1.1	0.55 U	1.9	1.2
Chromium	690	18 J	98 J	18 J	26 J	16 J
Copper	--	22 J	68 J	32 J	120 J	90 J
Lead	--	18	340	25	260 J	140 J
Mercury	52,000	0.033	0.21	0.027 U	0.3	0.1
Nickel	440,000	24 J	38 J	35 J	25 J	26 J
Selenium	--	1.1 U	1 U	1.1 U	0.9 U	1.1 U
Silver	--	1.1 U	1 U	1.1 U	0.9 U	1.1 U
Thallium	--	1.5	1 U	2	1.3	1.5
Zinc	--	42 J	240 J	53 J	830 J	220 J
Total Cyanide	--	0.3 U	0.29 U	0.31 U	0.36	0.89

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
TCL Volatiles (mg/kg)						
Acetone	100,000	0.078	0.062	0.12	0.051 U	0.078
Benzene	2.2	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromodichloromethane	3,000	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromoform	140	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Bromomethane	3.9	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
2-Butanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Carbon Disulfide	9	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Carbon Tetrachloride	0.9	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chlorobenzene	1.3	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chloroethane	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Chloroform	0.76	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Chloromethane	--	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Dibromochloromethane	1,300	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1-Dichloroethane	130	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,2-Dichloroethane	0.99	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1-Dichloroethene	300	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,2-Dichloropropane	0.5	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
cis-1,3-Dichloropropene	0.39	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
trans-1,3-Dichloropropene	0.39	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Ethylbenzene	58	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
2-Hexanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
4-Methyl-2-Pentanone	--	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Methylene Chloride	34	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
Styrene	430	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Tetrachloroethene	28	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Toluene	42	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,1-Trichloroethane	1,200	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
1,1,2-Trichloroethane	1,800	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Trichloroethene	12	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
Vinyl Chloride	1.1	0.026 U	0.025 U	0.023 U	0.02 U	0.03 U
m,p-Xylene*	320	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U
o-Xylene*	320	0.013 U	0.012 U	0.012 U	0.01 U	0.015 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Bis(2-chloroethyl)ether	0.66	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.36 U	0.4 U	0.49	0.42 U
4-Bromophenyl phenyl ether	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Butyl benzyl phthalate	930	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Carbazole	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chloro-3-methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chloroaniline	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Chloronaphthalene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Chlorophenol	53,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Dibenzofuran	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,2-Dichlorobenzene	310	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,3-Dichlorobenzene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,4-Dichlorobenzene	340	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
3,3´-Dichlorobenzidine	--	0.77 U	0.73 U	0.8 U	0.71 U	0.84 U
2,4-Dichlorophenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Diethyl phthalate	2,000	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Dimethyl phthalate	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Di-n-butyl phthalate	2,300	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,4-Dimethylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
2,4-Dinitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
2,4-Dinitrotoluene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,6-Dinitrotoluene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Di-n-octyl phthalate	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorobenzene	2.6	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorobutadiene	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachlorocyclopentadiene	1.1	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Hexachloroethane	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
Isophorone	4,600	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Methylnaphthalene	--	0.42	0.86	0.53	0.35 U	0.42 U
2-Methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
4-Methylphenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
Nitrobenzene	9.4	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
N-Nitrosodiphenylamine	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.015 U	0.017 U	0.015 U	0.018 U
Pentachlorophenol	--	1.9 U	1.8 U	1.9 U	1.7 U	2 U
Phenol	--	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
1,2,4-Trichlorobenzene	920	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U
2,4,5-Trichlorophenol	--	0.77 U	0.73 U	0.8 U	0.71 U	0.84 U
2,4,6-Trichlorophenol	540	0.38 U	0.36 U	0.4 U	0.35 U	0.42 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP11-002 9-10	SP13-001 1-2	SP13-002 6-7	SB14-001 1-2	SB14-002 6-8
PAHs (mg/kg)						
Acenaphthene	--	0.046	0.16	0.056	0.15	0.032 U
Acenaphthylene	--	0.029 U	0.069	0.03 U	0.18	0.032 U
Anthracene	--	0.029 U	0.13	0.03 U	0.25	0.032 U
Benzo(a)anthracene	--	0.029 U	0.037	0.03 U	3.5	0.032 U
Benzo(b)fluoranthene	--	0.029 U	0.13	0.03 U	1.8	0.032 U
Benzo(k)fluoranthene	--	0.029 U	0.11	0.03 U	1.6	0.032 U
Benzo(g,h,i)perylene	--	0.029 U	0.2	0.03 U	0.66	0.032 U
Benzo(a)pyrene	--	0.029 U	0.094	0.03 U	3	0.032 U
Chrysene	--	0.032	0.26	0.03 U	3.2	0.032 U
Dibenzo(a,h)anthracene	--	0.029 U	0.084	0.03 U	0.35	0.032 U
Fluoranthene	--	0.037	0.21	0.03 U	4.2	0.035
Fluorene	--	0.029 U	0.15	0.03 U	0.15	0.032 U
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.14	0.03 U	0.67	0.032 U
Naphthalene	1.8	0.73	0.83	0.99	0.19	0.11
Phenanthrene	--	0.092	0.34	0.04	0.3	0.071
Pyrene	--	0.063	0.28	0.03 U	11	0.056
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1221	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1232	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1242	--	0.094 U	0.98	0.097 U	0.12	0.1 U
Aroclor 1248	--	0.094 U	0.09 U	0.097 U	0.085 U	0.1 U
Aroclor 1254	--	0.19 U	0.9 U	0.19 U	0.17 U	0.2 U
Aroclor 1260	--	0.19 U	0.18 U	0.19 U	0.17 U	0.2 U
Total PCBs	--	0.850 U	2.420	0.865 U	0.800	0.900 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1 J	1.1 UJ	0.98 UJ	1.1 UJ
Arsenic	25,000	11 J	7.3	9.4 J	3.3	15 J
Barium	870,000	100 J	86 J	86 J	32 J	31 J
Beryllium	44,000	1.1	0.79	1.2	0.61	1.2
Cadmium	59,000	0.56 U	0.7	0.57 U	0.59	0.57 U
Chromium	690	20 J	14 J	20 J	12 J	19 J
Copper	--	32 J	40 J	34 J	18 J	32 J
Lead	--	19	250 J	20	85 J	26
Mercury	52,000	0.028 U	2.9	0.03	0.06	0.031 U
Nickel	440,000	37 J	19 J	34 J	10 J	43 J
Selenium	--	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Silver	--	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Thallium	--	2	1.5	2	0.98 U	1.2
Zinc	--	47 J	94 J	45 J	91 J	47 J
Total Cyanide	--	0.27 U	0.26 U	0.3 U	0.28 U	0.32 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
TCL Volatiles (mg/kg)						
Acetone	100,000	0.037 U	0.051 U	0.053 U	0.1	0.06 U
Benzene	2.2	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromodichloromethane	3,000	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromoform	140	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Bromomethane	3.9	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
2-Butanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Carbon Disulfide	9	0.0074 U	0.018	0.011 U	0.0098 U	0.012 U
Carbon Tetrachloride	0.9	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chlorobenzene	1.3	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chloroethane	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Chloroform	0.76	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Chloromethane	--	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Dibromochloromethane	1,300	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1-Dichloroethane	130	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,2-Dichloroethane	0.99	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1-Dichloroethene	300	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
cis-1,2-Dichloroethene	1,200	0.0074 U	0.01 U	0.053	0.0098 U	0.012 U
trans-1,2-Dichloroethene	3,100	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,2-Dichloropropane	0.5	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
cis-1,3-Dichloropropene	0.39	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
trans-1,3-Dichloropropene	0.39	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Ethylbenzene	58	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
2-Hexanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
4-Methyl-2-Pentanone	--	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Methylene Chloride	34	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
Styrene	430	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Tetrachloroethene	28	0.0074 U	0.01 U	0.1	0.0098 U	0.012 U
Toluene	42	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,1-Trichloroethane	1,200	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
1,1,2-Trichloroethane	1,800	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
Trichloroethene	12	0.0074 U	0.01 U	0.017	0.0098 U	0.012 U
Vinyl Chloride	1.1	0.015 U	0.021 U	0.021 U	0.02 U	0.024 U
m,p-Xylene*	320	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U
o-Xylene*	320	0.0074 U	0.01 U	0.011 U	0.0098 U	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Bis(2-chloroethyl)ether	0.66	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.58	0.39 U	1.6	0.39 U	0.94
4-Bromophenyl phenyl ether	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Butyl benzyl phthalate	930	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Carbazole	--	0.4 U	0.39 U	0.75	0.39 U	0.36 U
4-Chloro-3-methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Chloroaniline	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Chloronaphthalene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Chlorophenol	53,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Dibenzofuran	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,2-Dichlorobenzene	310	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,3-Dichlorobenzene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,4-Dichlorobenzene	340	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
3,3´-Dichlorobenzidine	--	0.81 U	0.78 U	0.73 U	0.77 U	0.73 U
2,4-Dichlorophenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Diethyl phthalate	2,000	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Dimethyl phthalate	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Di-n-butyl phthalate	2,300	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,4-Dimethylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4,6-Dinitro-2-methylphenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,6-Dinitrotoluene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Di-n-octyl phthalate	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorobenzene	2.6	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorobutadiene	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachlorocyclopentadiene	1.1	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Hexachloroethane	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
Isophorone	4,600	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Methylnaphthalene	--	0.4 U	0.39 U	0.64	0.39 U	0.36 U
2-Methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
4-Methylphenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
3-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
4-Nitroaniline	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
Nitrobenzene	9.4	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2-Nitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
4-Nitrophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
N-Nitrosodiphenylamine	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.017 U	0.015 U	0.016 U	0.015 U
Pentachlorophenol	--	2 U	1.9 U	1.8 U	1.9 U	1.8 U
Phenol	--	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
1,2,4-Trichlorobenzene	920	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U
2,4,5-Trichlorophenol	--	0.81 U	0.78 U	0.73 U	0.77 U	0.73 U
2,4,6-Trichlorophenol	540	0.4 U	0.39 U	0.36 U	0.39 U	0.36 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-001 0-0.5	SB15-002 6-8	SP16-001 2-3	SP16-002 9-10	SB17-001 1-2
PAHs (mg/kg)						
Acenaphthene	--	0.031 U	0.03 U	0.5	0.029 U	0.036
Acenaphthylene	--	0.13	0.03 U	0.15	0.029 U	0.049
Anthracene	--	0.031 U	0.03 U	0.81	0.029 U	0.21
Benzo(a)anthracene	--	0.15	0.03 U	0.36	0.029 U	0.089
Benzo(b)fluoranthene	--	0.13	0.03 U	0.92	0.029 U	0.15
Benzo(k)fluoranthene	--	0.13	0.03 U	1.1	0.029 U	0.12
Benzo(g,h,i)perylene	--	0.17	0.03 U	0.81	0.029 U	0.034
Benzo(a)pyrene	--	0.2	0.03 U	0.75	0.029 U	0.069
Chrysene	--	0.21	0.03 U	2.3	0.029 U	0.087
Dibenzo(a,h)anthracene	--	0.057	0.03 U	0.28	0.029 U	0.028 U
Fluoranthene	--	0.24	0.087	1.8	0.029 U	0.12
Fluorene	--	0.031 U	0.03 U	0.44	0.029 U	0.046
Indeno(1,2,3-cd)pyrene	--	0.14	0.03 U	0.54	0.029 U	0.034
Naphthalene	1.8	0.031 U	0.051	0.64	0.029 U	0.051
Phenanthrene	--	0.17	0.083	2.2	0.029 U	0.21
Pyrene	--	0.33	0.13	2.7	0.029 U	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1221	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1232	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1242	--	0.22	0.096 U	4.7	0.094 U	0.15
Aroclor 1248	--	0.096 U	0.096 U	0.088 U	0.094 U	0.088 U
Aroclor 1254	--	0.2 U	0.19 U	4.3	0.19 U	0.18 U
Aroclor 1260	--	0.2 U	0.19 U	0.18 U	0.19 U	0.18 U
Total PCBs	--	1.004	0.860 U	9.532	0.850 U	0.862
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1 UJ	1.1 UJ	1.1 J	1 UJ	1 UJ
Arsenic	25,000	9.3	12 J	6.7	12 J	1.4
Barium	870,000	150 J	26 J	130 J	79 J	9.4 J
Beryllium	44,000	0.99	1.1	1.3	1.1	0.54
Cadmium	59,000	2.2	0.57 U	2.3	0.52 U	0.5 U
Chromium	690	33 J	16 J	47 J	17 J	5.3 J
Copper	--	120 J	18 J	170 J	39 J	4.9 J
Lead	--	340 J	13	150 J	21	7.3 J
Mercury	52,000	0.23	0.027	0.43	0.027 U	0.04
Nickel	440,000	31 J	27 J	40 J	37 J	3.3 J
Selenium	--	1 U	1.1 U	1 U	1 U	1 U
Silver	--	1 U	1.1 U	1 U	1 U	1 U
Thallium	--	1	1.1	1.4	1.8	1 U
Zinc	--	550 J	36 J	600 J	40 J	55 J
Total Cyanide	--	0.32 U	0.27 U	0.26 U	0.25 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Volatiles (mg/kg)						
Acetone	100,000	0.062 U	0.05	0.12	0.036	0.065
Benzene	2.2	0.012 U	0.039	0.0084 U	0.077	0.0089 U
Bromodichloromethane	3,000	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromoform	140	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromomethane	3.9	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
2-Butanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Carbon Disulfide	9	0.012 U	0.0081 U	0.011	0.0065 U	0.0089 U
Carbon Tetrachloride	0.9	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chlorobenzene	1.3	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloroethane	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Chloroform	0.76	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloromethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Dibromochloromethane	1,300	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethane	130	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloroethane	0.99	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethene	300	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,2-Dichloroethene	1,200	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,2-Dichloroethene	3,100	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloropropane	0.5	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,3-Dichloropropene	0.39	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,3-Dichloropropene	0.39	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Ethylbenzene	58	0.012 U	0.22	0.014	0.12	0.0089 U
2-Hexanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
4-Methyl-2-Pentanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Methylene Chloride	34	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Styrene	430	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Tetrachloroethene	28	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Toluene	42	0.012 U	0.064	0.0097	0.018	0.0089 U
1,1,1-Trichloroethane	1,200	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2-Trichloroethane	1,800	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Trichloroethene	12	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Vinyl Chloride	1.1	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
m,p-Xylene*	320	0.012 U	0.2	0.031	0.034	0.0089 U
o-Xylene*	320	0.012 U	0.12	0.011	0.036	0.0089 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether	0.66	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	1.2	0.63	2.7	0.59 J	0.39 U
4-Bromophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Butyl benzyl phthalate	930	0.35 U	0.36 U	0.58	0.38 U	0.39 U
Carbazole	--	0.35 U	3.2	0.53	0.91 J	0.39 U
4-Chloro-3-methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chloroaniline	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chlorophenol	53,000	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dibenzofuran	--	0.35 U	0.94	0.38 U	0.9 J	0.39 U
1,2-Dichlorobenzene	310	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,4-Dichlorobenzene	340	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
3,3´-Dichlorobenzidine	--	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4-Dichlorophenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Diethyl phthalate	2,000	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-butyl phthalate	2,300	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4-Dimethylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,6-Dinitrotoluene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-octyl phthalate	--	1.6	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobenzene	2.6	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	1.1	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachloroethane	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Isophorone	4,600	0.35 U	0.36 U	0.38 U	0.38 J	0.39 U
2-Methylnaphthalene	--	0.47	20	0.59	2.3 J	0.39 U
2-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
3-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Nitrobenzene	9.4	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.015 U	0.016 U	0.38 U	0.39 U
Pentachlorophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Phenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	920	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4,5-Trichlorophenol	--	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4,6-Trichlorophenol	540	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
PAHs (mg/kg)						
Acenaphthene	--	0.19	3.1	0.31	3.3 J	0.031
Acenaphthylene	--	0.12	2.3	0.19	2.5 J	0.029 U
Anthracene	--	0.67	3.1	0.78	5 J	0.047
Benzo(a)anthracene	--	0.31	1.4	0.26	1.6 J	0.029 U
Benzo(b)fluoranthene	--	0.57	3.4	2	3.1 J	0.029 U
Benzo(k)fluoranthene	--	0.6	3	1.9	3.5 J	0.029 U
Benzo(g,h,i)perylene	--	0.8	3	0.89	3.7 J	0.029 U
Benzo(a)pyrene	--	0.41	2.7	0.67	4 J	0.029 U
Chrysene	--	1.7	5.4	1.4	5.6 J	0.04
Dibenzo(a,h)anthracene	--	0.25	1.3	0.3	1.1 J	0.029 U
Fluoranthene	--	1.2	7.4	2.4	8.1 J	0.029 U
Fluorene	--	0.3	3.2	0.31	3.6 J	0.033
Indeno(1,2,3-cd)pyrene	--	0.52	2.5	0.62	2.5 J	0.029 U
Naphthalene	1.8	0.42	13	0.47	2.4 J	0.2
Phenanthrene	--	1.9	9.7	2.5	13 J	0.13
Pyrene	--	1.8	8.9	1.9	14 J	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1221	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1232	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1242	--	1.9	0.55	1.3	0.1	0.094 U
Aroclor 1248	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1254	--	1.6	0.52	0.91 U	0.18 U	0.19 U
Aroclor 1260	--	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U
Total PCBs	--	4.010	1.588	2.754	0.824	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1 J	0.98 J	1 J	0.97 UJ	1.1 UJ
Arsenic	25,000	4	2.5	4.3	6.9	5.7 J
Barium	870,000	99 J	69 J	150 J	76 J	34 J
Beryllium	44,000	0.79	0.5	0.87	0.48 U	0.57 U
Cadmium	59,000	1.1	0.44	1.3	0.89	0.57 U
Chromium	690	12 J	9.2 J	15 J	15 J	18 J
Copper	--	67 J	33 J	37 J	48 J	26 J
Lead	--	130 J	46 J	94 J	120 J	22
Mercury	52,000	0.2	0.1	0.53	0.33	0.029
Nickel	440,000	11 J	12 J	14 J	22 J	31 J
Selenium	--	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Silver	--	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Thallium	--	1.2	1.1	1.5	0.97 U	1.2
Zinc	--	240 J	98 J	210 J	150 J	46 J
Total Cyanide	--	0.26 U	0.25 U	0.32 U	0.3 U	0.3 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB27-001 5-7
TCL Volatiles (mg/kg)						
Acetone	100,000	0.056 U	0.056 U	0.12	0.11	0.046
Benzene	2.2	0.011 U	0.011 U	1.5	0.22	0.0084 U
Bromodichloromethane	3,000	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Bromoform	140	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Bromomethane	3.9	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
2-Butanone	--	0.022 U	0.022 U	0.026	0.034 U	0.017 U
Carbon Disulfide	9	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Carbon Tetrachloride	0.9	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chlorobenzene	1.3	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chloroethane	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Chloroform	0.76	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Chloromethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Dibromochloromethane	1,300	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1-Dichloroethane	130	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,2-Dichloroethane	0.99	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1-Dichloroethene	300	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
cis-1,2-Dichloroethene	1,200	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
trans-1,2-Dichloroethene	3,100	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,2-Dichloropropane	0.5	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
cis-1,3-Dichloropropene	0.39	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
trans-1,3-Dichloropropene	0.39	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Ethylbenzene	58	0.011 U	0.016	2.8	4.6	0.0084 U
2-Hexanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Methylene Chloride	34	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
Styrene	430	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Tetrachloroethene	28	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Toluene	42	0.011 U	0.011 U	0.03	0.54	0.0084 U
1,1,1-Trichloroethane	1,200	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
1,1,2-Trichloroethane	1,800	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Trichloroethene	12	0.011 U	0.011 U	0.0091 U	0.017 U	0.0084 U
Vinyl Chloride	1.1	0.022 U	0.022 U	0.018 U	0.034 U	0.017 U
m,p-Xylene*	320	0.011 U	0.011 U	0.068	6.7	0.0084 U
o-Xylene*	320	0.011 U	0.011 U	0.72	6.8	0.0084 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB27-001 5-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Bis(2-chloroethyl)ether	0.66	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	2.1	1.7 U	0.36 U	1.2	0.38 U
4-Bromophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Butyl benzyl phthalate	930	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Carbazole	--	1.8 U	4.1	1.9	5.7	0.38 U
4-Chloro-3-methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Chloroaniline	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Chloronaphthalene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Chlorophenol	53,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Chlorophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Dibenzofuran	--	1.8 U	1.7 U	0.84	4.7	0.38 U
1,2-Dichlorobenzene	310	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,3-Dichlorobenzene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,4-Dichlorobenzene	340	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
3,3´-Dichlorobenzidine	--	3.7 U	3.5 U	0.72 U	0.81 U	0.76 U
2,4-Dichlorophenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Diethyl phthalate	2,000	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Dimethyl phthalate	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Di-n-butyl phthalate	2,300	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,4-Dimethylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4,6-Dinitro-2-methylphenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
2,4-Dinitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
2,4-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,6-Dinitrotoluene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Di-n-octyl phthalate	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorobenzene	2.6	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorobutadiene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachlorocyclopentadiene	1.1	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Hexachloroethane	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
Isophorone	4,600	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Methylnaphthalene	--	1.8 U	1.7 U	4.1	58	0.38 U
2-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
4-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
3-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
4-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
Nitrobenzene	9.4	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
4-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
N-Nitrosodi-n-propylamine	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
N-Nitrosodiphenylamine	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.078 U	0.073 U	0.015 U	0.017 U	0.38 U
Pentachlorophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.8 U
Phenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
1,2,4-Trichlorobenzene	920	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U
2,4,5-Trichlorophenol	--	3.7 U	3.5 U	0.72 U	0.81 U	0.76 U
2,4,6-Trichlorophenol	540	1.8 U	1.7 U	0.36 U	0.41 U	0.38 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB27-001 5-7
PAHs (mg/kg)						
Acenaphthene	--	2.1	0.63	8.3	19	0.029 U
Acenaphthylene	--	5	0.34	6.1	8.9	0.029 U
Anthracene	--	4.1	2.1	8.1	16	0.029 U
Benzo(a)anthracene	--	5.9	0.29	8	14	0.029 U
Benzo(b)fluoranthene	--	3.1	1.5	4	7	0.029 U
Benzo(k)fluoranthene	--	3.2	1.3	3.3	7	0.029 U
Benzo(g,h,i)perylene	--	1.6	1.5	2.3	3.7	0.029 U
Benzo(a)pyrene	--	5	1.7	5.1	9.2	0.029 U
Chrysene	--	6.6	3.6	9.1	15	0.029 U
Dibenzo(a,h)anthracene	--	1.4 U	0.72	0.84	0.94	0.029 U
Fluoranthene	--	9.4	6.4	16	20	0.029 U
Fluorene	--	2.4	0.67	7	26	0.029 U
Indeno(1,2,3-cd)pyrene	--	1.4 U	1.4	2.1	3.1 U	0.029 U
Naphthalene	1.8	1.8	0.65	6.7	28	0.029 U
Phenanthrene	--	10	5.4	30	62	0.031
Pyrene	--	14	7	24	32	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1221	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1232	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1242	--	0.95	1.1	0.086 U	0.098 U	0.094 U
Aroclor 1248	--	0.089 U	0.087 U	0.086 U	0.098 U	0.094 U
Aroclor 1254	--	0.72	0.9	0.17 U	0.2 U	0.19 U
Aroclor 1260	--	0.18 U	0.17 U	0.17 U	0.2 U	0.19 U
Total PCBs	--	2.206	2.518	0.770 U	0.890 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	25,000	5	2.5	3.2	7.8 J	7.1 J
Barium	870,000	98 J	110 J	130 J	92 J	32 J
Beryllium	44,000	0.76	0.62	0.76	1.3	0.53 U
Cadmium	59,000	0.88	1.2	0.59	0.56 U	0.53 U
Chromium	690	10 J	13 J	7.8 J	17 J	16 J
Copper	--	41 J	60 J	18 J	25 J	39 J
Lead	--	140 J	150 J	61 J	58	20
Mercury	52,000	0.21	0.2	0.17	0.35	0.028 U
Nickel	440,000	13 J	12 J	6.9 J	29 J	31 J
Selenium	--	0.99 U	0.96 U	1.1 U	1.1 U	1.1 U
Silver	--	0.99 U	0.96 U	1.1 U	1.1 U	12
Thallium	--	1.4	1.3	1.4	1.8	1.1 U
Zinc	--	120 J	270 J	73 J	58 J	50 J
Total Cyanide	--	0.28 U	0.22 U	0.27 U	0.26 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
TCL Volatiles (mg/kg)						
Acetone	100,000	0.093	0.048	0.055 U	0.03	0.064 U
Benzene	2.2	0.041	0.0076 U	0.011 U	0.024	0.013 U
Bromodichloromethane	3,000	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Bromoform	140	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Bromomethane	3.9	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
2-Butanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Carbon Disulfide	9	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Carbon Tetrachloride	0.9	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chlorobenzene	1.3	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chloroethane	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Chloroform	0.76	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Chloromethane	--	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Dibromochloromethane	1,300	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1-Dichloroethane	130	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,2-Dichloroethane	0.99	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1-Dichloroethene	300	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,2-Dichloropropane	0.5	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
cis-1,3-Dichloropropene	0.39	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
trans-1,3-Dichloropropene	0.39	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Ethylbenzene	58	0.059	0.0076 U	0.011 U	0.038	0.013 U
2-Hexanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
4-Methyl-2-Pentanone	--	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Methylene Chloride	34	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
Styrene	430	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Tetrachloroethene	28	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Toluene	42	0.0087 U	0.0076 U	0.011 U	0.032	0.013 U
1,1,1-Trichloroethane	1,200	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
1,1,2-Trichloroethane	1,800	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Trichloroethene	12	0.0087 U	0.0076 U	0.011 U	0.0042 U	0.013 U
Vinyl Chloride	1.1	0.017 U	0.015 U	0.022 U	0.0084 U	0.026 U
m,p-Xylene*	320	0.012	0.0076 U	0.011 U	0.047	0.013 U
o-Xylene*	320	0.015	0.0076 U	0.011 U	0.029	0.013 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Bis(2-chloroethyl)ether	0.66	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Bis(2-ethylhexyl)phthalate	31,000	0.45	0.4 U	0.39 U	0.33 U	0.37 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Butyl benzyl phthalate	930	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Carbazole	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chloroaniline	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Chlorophenol	53,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Dibenzofuran	--	0.5	0.4 U	0.39 U	0.33 U	0.37 U
1,2-Dichlorobenzene	310	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
1,4-Dichlorobenzene	340	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
3,3´-Dichlorobenzidine	--	0.78 U	0.79 U	0.78 U	0.33 U	0.74 U
2,4-Dichlorophenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Diethyl phthalate	2,000	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Di-n-butyl phthalate	2,300	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,4-Dimethylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
2,4-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,6-Dinitrotoluene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Di-n-octyl phthalate	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorobenzene	2.6	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachlorocyclopentadiene	1.1	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Hexachloroethane	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
Isophorone	4,600	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Methylnaphthalene	--	1.1	0.4 U	0.39 U	0.33 U	0.37 U
2-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
Nitrobenzene	9.4	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
N-Nitrosodiphenylamine	--	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2, 2'-Oxybis(1-Chloropropane)	--	0.39 U	0.4 U	0.39 U	0.33 U	0.016 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	1.7 U	1.8 U
Phenol	--	0.39 U	0.4 U	0.39 U	15	0.37 U
1,2,4-Trichlorobenzene	920	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U
2,4,5-Trichlorophenol	--	0.78 U	0.79 U	0.78 U	0.66 U	0.74 U
2,4,6-Trichlorophenol	540	0.39 U	0.4 U	0.39 U	0.33 U	0.37 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB28-001 2-3	SB28-002 5-7	SB29-001 3-5	SB31-001 2-3	SB31-002 6-8
PAHs (mg/kg)						
Acenaphthene	--	1.7	0.03 U	0.035	0.44	0.028 U
Acenaphthylene	--	1.4	0.03 U	0.029 U	0.13 U	0.029
Anthracene	--	3.5	0.03 U	0.038	0.7	0.047
Benzo(a)anthracene	--	1.1	0.03 U	0.029 U	0.2	0.028 U
Benzo(b)fluoranthene	--	1.8	0.03 U	0.029 U	0.84	0.028 U
Benzo(k)fluoranthene	--	1.9	0.03 U	0.029 U	0.48	0.028 U
Benzo(g,h,i)perylene	--	3	0.03 U	0.029 U	1.5	0.028 U
Benzo(a)pyrene	--	2.6	0.03 U	0.029 U	0.91	0.028 U
Chrysene	--	3.8	0.03 U	0.052	1.5	0.075
Dibenzo(a,h)anthracene	--	0.89	0.03 U	0.029 U	0.13 U	0.028 U
Fluoranthene	--	0.051	0.03 U	0.029	0.67	0.075
Fluorene	--	1.1	0.03 U	0.033	0.53	0.03
Indeno(1,2,3-cd)pyrene	--	1.9	0.03 U	0.029 U	1.1	0.028 U
Naphthalene	1.8	1.4	0.03 U	0.094	0.68	0.11
Phenanthrene	--	0.038	0.03 U	0.14	2	0.17
Pyrene	--	0.097	0.03 U	0.044	1.1	0.13
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1221	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1232	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1242	--	0.34	0.14	0.094 U	3.7	0.093 U
Aroclor 1248	--	0.093 U	0.096 U	0.094 U	0.083 U	0.093 U
Aroclor 1254	--	0.2	0.19 U	0.19 U	1.8	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.17 U	0.19 U
Total PCBs	--	1.102	0.904	0.850 U	6.002	0.845 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.1 UJ	1.1 UJ	1 UJ	1.1 UJ
Arsenic	25,000	6.1	9.2 J	11 J	5	12 J
Barium	870,000	67 J	41 J	41 J	43 J	31 J
Beryllium	44,000	0.55 U	0.57 U	0.57 U	0.62	0.93
Cadmium	59,000	0.71	0.57 U	0.57 U	1.2	0.55 U
Chromium	690	14 J	18 J	18 J	16 J	19 J
Copper	--	42 J	27 J	30 J	33 J	29 J
Lead	--	120 J	31	23	120 J	18
Mercury	52,000	0.53	0.049	0.031	0.25	0.037
Nickel	440,000	20 J	33 J	38 J	18 J	31 J
Selenium	--	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Silver	--	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Thallium	--	1.1 U	1.1 U	1.1 U	1 U	1.2
Zinc	--	150 J	61 J	46 J	200 J	45 J
Total Cyanide	--	0.29 U	0.3 U	0.28 U	0.24 U	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
TCL Volatiles (mg/kg)						
Acetone	100,000	0.067 U	0.081 U	0.042 U	0.12	0.041 U
Benzene	2.2	5.2	0.77	0.0084 U	0.012 U	0.0083 U
Bromodichloromethane	3,000	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Bromoform	140	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Bromomethane	3.9	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
2-Butanone	--	0.027 U	0.033 U	0.017 U	0.027	0.017 U
Carbon Disulfide	9	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Carbon Tetrachloride	0.9	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chlorobenzene	1.3	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chloroethane	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Chloroform	0.76	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Chloromethane	--	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Dibromochloromethane	1,300	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1-Dichloroethane	130	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,2-Dichloroethane	0.99	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1-Dichloroethene	300	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,2-Dichloropropane	0.5	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
cis-1,3-Dichloropropene	0.39	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
trans-1,3-Dichloropropene	0.39	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Ethylbenzene	58	1.5	2	0.01	0.012 U	0.015
2-Hexanone	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
4-Methyl-2-Pentanone	--	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Methylene Chloride	34	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
Styrene	430	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Tetrachloroethene	28	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Toluene	42	0.77	0.016 U	0.0084 U	0.012 U	0.013
1,1,1-Trichloroethane	1,200	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
1,1,2-Trichloroethane	1,800	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Trichloroethene	12	0.013 U	0.016 U	0.0084 U	0.012 U	0.0083 U
Vinyl Chloride	1.1	0.027 U	0.033 U	0.017 U	0.024 U	0.017 U
m,p-Xylene*	320	0.62	0.057	0.0084 U	0.012 U	0.043
o-Xylene*	320	0.47	0.034	0.0084 U	0.025	0.033

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Bis(2-chloroethyl)ether	0.66	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Bis(2-ethylhexyl)phthalate	31,000	0.99	0.87	2 U	0.4 U	2
4-Bromophenyl phenyl ether	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Butyl benzyl phthalate	930	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Carbazole	--	0.46	1.3	2 U	0.4 U	1.8 U
4-Chloro-3-methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Chloroaniline	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Chloronaphthalene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Chlorophenol	53,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Chlorophenyl phenyl ether	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Dibenzofuran	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,2-Dichlorobenzene	310	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,3-Dichlorobenzene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,4-Dichlorobenzene	340	0.33 U	0.39 U	2 U	0.4 U	1.8 U
3,3´-Dichlorobenzidine	--	0.66 U	0.78 U	4.1 U	0.81 U	3.5 U
2,4-Dichlorophenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Diethyl phthalate	2,000	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Dimethyl phthalate	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Di-n-butyl phthalate	2,300	0.33 U	0.39 U	6.3	0.4 U	1.8 U
2,4-Dimethylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4,6-Dinitro-2-methylphenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
2,4-Dinitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
2,4-Dinitrotoluene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2,6-Dinitrotoluene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Di-n-octyl phthalate	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorobenzene	2.6	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorobutadiene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachlorocyclopentadiene	1.1	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Hexachloroethane	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
Isophorone	4,600	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Methylnaphthalene	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
4-Methylphenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
3-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
4-Nitroaniline	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
Nitrobenzene	9.4	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2-Nitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
4-Nitrophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
N-Nitrosodi-n-propylamine	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
N-Nitrosodiphenylamine	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2, 2'-Oxybis(1-Chloropropane)	--	0.014 U	0.017 U	0.087 U	0.017 U	0.075 U
Pentachlorophenol	--	1.6 U	1.9 U	9.9 U	2 U	8.6 U
Phenol	--	0.33 U	0.39 U	2 U	0.4 U	1.8 U
1,2,4-Trichlorobenzene	920	0.33 U	0.39 U	2 U	0.4 U	1.8 U
2,4,5-Trichlorophenol	--	0.66 U	0.78 U	4.1 U	0.81 U	3.5 U
2,4,6-Trichlorophenol	540	0.33 U	0.39 U	2 U	0.4 U	1.8 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB32-001 2-3	SB32-002 3-5	SB33-001 0-0.5	SB33-002 5-7	SP34-001 0-0.5
PAHs (mg/kg)						
Acenaphthene	--	0.8	0.84	1.5 U	0.031 U	0.13 U
Acenaphthylene	--	1.2	0.99	1.6	0.031 U	0.19
Anthracene	--	1.5	0.98	1.8	0.031 U	0.36
Benzo(a)anthracene	--	2.7	1.8	2.8	0.031 U	0.13 U
Benzo(b)fluoranthene	--	1.2	0.87	1.7	0.031 U	0.24
Benzo(k)fluoranthene	--	0.76	0.75	1.5 U	0.031 U	0.24
Benzo(g,h,i)perylene	--	0.61	0.38	1.5 U	0.031 U	0.57
Benzo(a)pyrene	--	1.7	1.1	1.8	0.031 U	0.13
Chrysene	--	2.5	1.7	3.2	0.031 U	0.75
Dibenzo(a,h)anthracene	--	0.25 U	0.3 U	1.5 U	0.031 U	0.13 U
Fluoranthene	--	3.4	2.8	3.7	0.031 U	0.21
Fluorene	--	1	0.87	1.5 U	0.031 U	0.13 U
Indeno(1,2,3-cd)pyrene	--	0.56	0.34	1.5 U	0.031 U	0.29
Naphthalene	1.8	0.25 U	2.1	2.1	0.14	0.38
Phenanthrene	--	3.8	3.7	4.1	0.076	1.3
Pyrene	--	4.6	4	5.5	0.047	0.36
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1221	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1232	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1242	--	1.3	0.15	2.5	0.096 U	0.87 U
Aroclor 1248	--	0.085 U	0.093 U	0.088 U	0.096 U	0.87 U
Aroclor 1254	--	1.1	0.19 U	2.2	0.19 U	1.7 U
Aroclor 1260	--	0.17 U	0.19 U	0.18 U	0.19 U	1.7 U
Total PCBs	--	2.910	0.902	5.232	0.860 U	7.750 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1 UJ
Arsenic	25,000	4.8	3.4 J	5.9	5.1 J	1.2
Barium	870,000	110 J	80 J	100 J	97 J	59 J
Beryllium	44,000	1	0.9	0.86	1.2	0.57
Cadmium	59,000	1.2	0.7	0.59	0.59	0.54
Chromium	690	29 J	13 J	11 J	17 J	5.1 J
Copper	--	91 J	35 J	43 J	31 J	6.8 J
Lead	--	190 J	65	140 J	17	25 J
Mercury	52,000	0.21	0.052	0.28	0.046	0.026 U
Nickel	440,000	18 J	11 J	12 J	26 J	7.4 J
Selenium	--	0.98 U	1.1 U	1.1 U	1.1 U	1 U
Silver	--	0.98 U	1.1 U	1.1 U	1.1 U	1 U
Thallium	--	1.3	1.5	1.5	1.9	1.3
Zinc	--	260 J	88 J	69 J	54 J	29 J
Total Cyanide	--	0.25 U	0.27 U	0.29 U	0.34 U	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
TCL Volatiles (mg/kg)						
Acetone	100,000	0.14	0.14	0.13	0.044 U	0.082
Benzene	2.2	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromodichloromethane	3,000	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromoform	140	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Bromomethane	3.9	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
2-Butanone	--	0.024 U	0.015	0.027	0.018 U	0.02 U
Carbon Disulfide	9	0.012 U	0.013	0.012 U	0.0088 U	0.0099 U
Carbon Tetrachloride	0.9	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chlorobenzene	1.3	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chloroethane	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Chloroform	0.76	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Chloromethane	--	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Dibromochloromethane	1,300	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1-Dichloroethane	130	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,2-Dichloroethane	0.99	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1-Dichloroethene	300	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
cis-1,2-Dichloroethene	1,200	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
trans-1,2-Dichloroethene	3,100	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,2-Dichloropropane	0.5	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
cis-1,3-Dichloropropene	0.39	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
trans-1,3-Dichloropropene	0.39	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Ethylbenzene	58	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
2-Hexanone	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
4-Methyl-2-Pentanone	--	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Methylene Chloride	34	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
Styrene	430	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Tetrachloroethene	28	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Toluene	42	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,1-Trichloroethane	1,200	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
1,1,2-Trichloroethane	1,800	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Trichloroethene	12	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
Vinyl Chloride	1.1	0.024 U	0.014 U	0.023 U	0.018 U	0.02 U
m,p-Xylene*	320	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U
o-Xylene*	320	0.012 U	0.0071 U	0.012 U	0.0088 U	0.0099 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Bis(2-chloroethyl)ether	0.66	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	5.6	0.39 U	0.42 U	0.39 U
4-Bromophenyl phenyl ether	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Butyl benzyl phthalate	930	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Carbazole	--	0.4 U	0.47	0.39 U	0.67	0.39 U
4-Chloro-3-methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Chloroaniline	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Chloronaphthalene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Chlorophenol	53,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Dibenzofuran	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,2-Dichlorobenzene	310	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,3-Dichlorobenzene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,4-Dichlorobenzene	340	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
3,3´-Dichlorobenzidine	--	0.8 U	0.71 U	0.79 U	0.85 U	0.77 U
2,4-Dichlorophenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Diethyl phthalate	2,000	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Dimethyl phthalate	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Di-n-butyl phthalate	2,300	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,4-Dimethylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,6-Dinitrotoluene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Di-n-octyl phthalate	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorobenzene	2.6	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorobutadiene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachlorocyclopentadiene	1.1	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Hexachloroethane	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
Isophorone	4,600	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Methylnaphthalene	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
4-Methylphenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
3-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
4-Nitroaniline	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
Nitrobenzene	9.4	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2-Nitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
4-Nitrophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
N-Nitrosodiphenylamine	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.015 U	0.017 U	0.018 U	0.016 U
Pentachlorophenol	--	1.9 U	1.7 U	1.9 U	2.1 U	1.9 U
Phenol	--	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
1,2,4-Trichlorobenzene	920	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U
2,4,5-Trichlorophenol	--	0.8 U	0.71 U	0.79 U	0.85 U	0.77 U
2,4,6-Trichlorophenol	540	0.4 U	0.36 U	0.39 U	0.42 U	0.39 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP34-002 5-7	SP35-001 1-2	SP35-002 6-7	SP37-001 1-2	SP37-002 8-9
PAHs (mg/kg)						
Acenaphthene	--	0.12	0.11	0.03 U	0.13	0.029 U
Acenaphthylene	--	0.086	0.082	0.03 U	0.074	0.029 U
Anthracene	--	0.17	0.15	0.03 U	0.33	0.029 U
Benzo(a)anthracene	--	0.094	0.19	0.064	0.17	0.029 U
Benzo(b)fluoranthene	--	0.13	0.47	0.041	0.38	0.029 U
Benzo(k)fluoranthene	--	0.14	0.53	0.056	0.87	0.029 U
Benzo(g,h,i)perylene	--	0.36	0.57	0.037	0.35	0.029 U
Benzo(a)pyrene	--	0.14	0.33	0.072	0.32	0.029 U
Chrysene	--	0.39	0.71	0.066	1.1	0.029 U
Dibenzo(a,h)anthracene	--	0.11	0.076	0.03 U	0.19	0.029 U
Fluoranthene	--	0.33	0.55	0.074	2	0.029 U
Fluorene	--	0.31	0.086	0.03 U	0.12	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.24	0.18	0.036	0.36	0.029 U
Naphthalene	1.8	0.03 U	0.16	0.03 U	0.18	0.056
Phenanthrene	--	0.13	0.7	0.03 U	1	0.029 U
Pyrene	--	1.2	0.63	0.074	2.1	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1221	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1232	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1242	--	0.098 U	8.5	0.095 U	0.1 U	0.092 U
Aroclor 1248	--	0.098 U	0.086 U	0.095 U	0.1 U	0.092 U
Aroclor 1254	--	0.2 U	6	0.19 U	0.2 U	0.18 U
Aroclor 1260	--	0.2 U	0.17 U	0.19 U	0.2 U	0.18 U
Total PCBs	--	0.890 U	15.014	0.855 U	0.900 U	0.820 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	6.5 J	1.1 UJ	1.2 UJ	0.97 UJ
Arsenic	25,000	7.5 J	20	5.8 J	7.2	15 J
Barium	870,000	100 J	520 J	98 J	120 J	98 J
Beryllium	44,000	1.3	1.4	0.83	1.1	1.2
Cadmium	59,000	0.59 U	8.1	0.56 U	0.72	0.53
Chromium	690	21 J	320 J	11 J	19 J	20 J
Copper	--	28 J	480 J	11 J	28 J	38 J
Lead	--	19	1400 J	36	61 J	22
Mercury	52,000	0.031 U	2.6	0.14	0.33	0.026 U
Nickel	440,000	33 J	210 J	12 J	26 J	38 J
Selenium	--	1.2 U	0.99 U	1.1 U	1.2 U	0.97 U
Silver	--	1.2 U	1	1.1 U	1.2 U	0.97 U
Thallium	--	2.1	1.3	2	2	2
Zinc	--	53 J	1600 J	40 J	73 J	46 J
Total Cyanide	--	0.31 U	0.28 U	0.29 U	0.35 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
TCL Volatiles (mg/kg)						
Acetone	100,000	0.12 J	0.036 U	0.11	0.071	0.15
Benzene	2.2	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromodichloromethane	3,000	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromoform	140	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Bromomethane	3.9	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
2-Butanone	--	0.029 UJ	0.014 U	0.027	0.02 U	0.031
Carbon Disulfide	9	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Carbon Tetrachloride	0.9	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chlorobenzene	1.3	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chloroethane	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Chloroform	0.76	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Chloromethane	--	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Dibromochloromethane	1,300	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1-Dichloroethane	130	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,2-Dichloroethane	0.99	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1-Dichloroethene	300	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
cis-1,2-Dichloroethene	1,200	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
trans-1,2-Dichloroethene	3,100	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,2-Dichloropropane	0.5	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
cis-1,3-Dichloropropene	0.39	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
trans-1,3-Dichloropropene	0.39	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Ethylbenzene	58	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
2-Hexanone	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
4-Methyl-2-Pentanone	--	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Methylene Chloride	34	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
Styrene	430	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Tetrachloroethene	28	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Toluene	42	0.014 UJ	0.008	0.013 U	0.01 U	0.013 U
1,1,1-Trichloroethane	1,200	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
1,1,2-Trichloroethane	1,800	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Trichloroethene	12	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
Vinyl Chloride	1.1	0.029 UJ	0.014 U	0.026 U	0.02 U	0.027 U
m,p-Xylene*	320	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U
o-Xylene*	320	0.014 UJ	0.0071 U	0.013 U	0.01 U	0.013 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) J - Indicates an estimated value.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Bis(2-chloroethyl)ether	0.66	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Bis(2-ethylhexyl)phthalate	31,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Bromophenyl phenyl ether	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Butyl benzyl phthalate	930	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Carbazole	--	0.53	1.7 U	0.4 U	0.39 U	0.43 U
4-Chloro-3-methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Chloroaniline	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Chloronaphthalene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Chlorophenol	53,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Chlorophenyl phenyl ether	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Dibenzofuran	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,2-Dichlorobenzene	310	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,3-Dichlorobenzene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,4-Dichlorobenzene	340	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
3,3´-Dichlorobenzidine	--	0.83 U	3.5 U	0.8 U	0.77 U	0.85 U
2,4-Dichlorophenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Diethyl phthalate	2,000	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Dimethyl phthalate	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Di-n-butyl phthalate	2,300	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,4-Dimethylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4,6-Dinitro-2-methylphenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
2,4-Dinitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
2,4-Dinitrotoluene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,6-Dinitrotoluene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Di-n-octyl phthalate	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorobenzene	2.6	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorobutadiene	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachlorocyclopentadiene	1.1	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Hexachloroethane	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
Isophorone	4,600	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Methylnaphthalene	--	1.7	1.7 U	0.4 U	0.39 U	0.43 U
2-Methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
4-Methylphenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
3-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
4-Nitroaniline	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
Nitrobenzene	9.4	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2-Nitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
4-Nitrophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
N-Nitrosodi-n-propylamine	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
N-Nitrosodiphenylamine	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2, 2'-Oxybis(1-Chloropropane)	--	0.018 U	0.074 U	0.017 U	0.016 U	0.018 U
Pentachlorophenol	--	2 U	8.4 U	1.9 U	1.9 U	2.1 U
Phenol	--	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
1,2,4-Trichlorobenzene	920	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U
2,4,5-Trichlorophenol	--	0.83 U	3.5 U	0.8 U	0.77 U	0.85 U
2,4,6-Trichlorophenol	540	0.42 U	1.7 U	0.4 U	0.39 U	0.43 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP40-002 7-8	SP43-001 2-3
PAHs (mg/kg)						
Acenaphthene	--	0.42	1.3 U	0.056	0.029 U	0.072
Acenaphthylene	--	0.37	1.3 U	0.03 U	0.029 U	0.17
Anthracene	--	1.7	1.3 U	0.29	0.029 U	0.032 U
Benzo(a)anthracene	--	1.9	1.3 U	0.13	0.029 U	0.045
Benzo(b)fluoranthene	--	1.1	1.3 U	0.58	0.029 U	0.12
Benzo(k)fluoranthene	--	0.96	1.3 U	0.65	0.029 U	0.098
Benzo(g,h,i)perylene	--	0.46	1.3 U	0.31	0.029 U	0.062
Benzo(a)pyrene	--	0.89	1.3 U	0.64	0.029 U	0.056
Chrysene	--	2.3	1.3 U	1.1	0.029 U	0.3
Dibenzo(a,h)anthracene	--	0.15	1.3 U	0.23	0.029 U	0.032 U
Fluoranthene	--	4.1	1.3 U	1.6	0.029 U	0.15
Fluorene	--	0.7	1.3 U	0.056	0.029 U	0.032 U
Indeno(1,2,3-cd)pyrene	--	0.38	1.3 U	0.3 U	0.029 U	0.043
Naphthalene	1.8	2	1.3 U	0.032	0.029 U	0.062
Phenanthrene	--	5.7	1.3	0.81	0.029 U	0.19
Pyrene	--	4.7	2	1.7	0.029 U	0.14
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1221	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1232	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1242	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1248	--	0.1 U	0.087 U	0.1 U	0.093 U	0.1 U
Aroclor 1254	--	0.2 U	0.17 U	0.2 U	0.19 U	0.21 U
Aroclor 1260	--	0.2 U	0.17 U	0.2 U	0.19 U	0.21 U
Total PCBs	--	0.900 U	0.775 U	0.900 U	0.845 U	0.920 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.3 UJ	1.1 UJ	6 J	1.1 UJ	1.3 UJ
Arsenic	25,000	7.7 J	1.7	10 J	10 J	9.5
Barium	870,000	49 J	57 J	140 J	88 J	170 J
Beryllium	44,000	1.1	0.59	1.1	1.1	1.2
Cadmium	59,000	0.69	0.95	1	0.56 U	0.85
Chromium	690	22 J	5.6 J	11 J	16 J	16 J
Copper	--	33 J	9.1 J	59 J	33 J	73 J
Lead	--	40	23 J	970	19	69 J
Mercury	52,000	0.051	0.025 U	6.2	0.029 U	0.18
Nickel	440,000	28 J	8.8 J	13 J	36 J	20 J
Selenium	--	1.3 U	1.1 U	1.1 U	1.1 U	1.3 U
Silver	--	1.3 U	1.1 U	1.1 U	1.1 U	1.3 U
Thallium	--	1.5	1.4	1.6	2.2	1.9
Zinc	--	88 J	33 J	200 J	52 J	100 J
Total Cyanide	--	0.33 U	0.28 U	0.31 U	0.32 U	0.35 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	100,000	0.063 U	0.079 U	0.082	0.065
Benzene	2.2	0.013 U	0.016 U	0.0089 U	0.12
Bromodichloromethane	3,000	0.013 U	0.016 U	0.0089 U	0.0094 U
Bromoform	140	0.013 U	0.016 U	0.0089 U	0.0094 U
Bromomethane	3.9	0.025 U	0.031 U	0.018 U	0.019 U
2-Butanone	--	0.025 U	0.031 U	0.018 U	0.034
Carbon Disulfide	9	0.013 U	0.016 U	0.0089 U	0.0094 U
Carbon Tetrachloride	0.9	0.013 U	0.016 U	0.0089 U	0.0094 U
Chlorobenzene	1.3	0.013 U	0.016 U	0.0089 U	0.0094 U
Chloroethane	--	0.025 U	0.031 U	0.018 U	0.019 U
Chloroform	0.76	0.013 U	0.016 U	0.0089 U	0.0094 U
Chloromethane	--	0.013 U	0.016 U	0.0089 U	0.0094 U
Dibromochloromethane	1,300	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1-Dichloroethane	130	0.013 U	0.016 U	0.0089 U	0.0094 U
1,2-Dichloroethane	0.99	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1-Dichloroethene	300	0.013 U	0.016 U	0.0089 U	0.0094 U
cis-1,2-Dichloroethene	1,200	0.013 U	0.016 U	0.0089 U	0.0094 U
trans-1,2-Dichloroethene	3,100	0.013 U	0.016 U	0.0089 U	0.0094 U
1,2-Dichloropropane	0.5	0.013 U	0.016 U	0.0089 U	0.0094 U
cis-1,3-Dichloropropene	0.39	0.013 U	0.016 U	0.0089 U	0.0094 U
trans-1,3-Dichloropropene	0.39	0.013 U	0.016 U	0.0089 U	0.0094 U
Ethylbenzene	58	0.013 U	0.016 U	0.0089 U	0.37
2-Hexanone	--	0.025 U	0.031 U	0.018 U	0.019 U
4-Methyl-2-Pentanone	--	0.025 U	0.031 U	0.018 U	0.019 U
Methylene Chloride	34	0.025 U	0.031 U	0.018 U	0.019 U
Styrene	430	0.013 U	0.016 U	0.0089 U	0.014
1,1,2,2-Tetrachloroethane	--	0.013 U	0.016 U	0.0089 U	0.0094 U
Tetrachloroethene	28	0.013 U	0.023	0.0089 U	0.0094 U
Toluene	42	0.013 U	0.016 U	0.0089 U	0.025
1,1,1-Trichloroethane	1,200	0.013 U	0.016 U	0.0089 U	0.0094 U
1,1,2-Trichloroethane	1,800	0.013 U	0.016 U	0.0089 U	0.0094 U
Trichloroethene	12	0.013 U	0.016 U	0.0089 U	0.0094 U
Vinyl Chloride	1.1	0.025 U	0.031 U	0.018 U	0.019 U
m,p-Xylene*	320	0.013 U	0.016 U	0.0089 U	0.057
o-Xylene*	320	0.013 U	0.016 U	0.0089 U	0.17

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	0.39 U	1.9 U	0.4 U	0.35 U
Bis(2-chloroethyl)ether	0.66	0.39 U	1.9 U	0.4 U	0.35 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	9.7	0.4 U	2.1
4-Bromophenyl phenyl ether	--	0.39 U	1.9 U	0.4 U	0.35 U
Butyl benzyl phthalate	930	0.39 U	1.9 U	0.4 U	0.35 U
Carbazole	--	0.39 U	1.9 U	0.4 U	0.87
4-Chloro-3-methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4-Chloroaniline	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Chloronaphthalene	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Chlorophenol	53,000	0.39 U	1.9 U	0.4 U	0.35 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.9 U	0.4 U	0.35 U
Dibenzofuran	--	0.39 U	1.9 U	0.4 U	0.35 U
1,2-Dichlorobenzene	310	0.39 U	1.9 U	0.4 U	0.35 U
1,3-Dichlorobenzene	--	0.39 U	1.9 U	0.4 U	0.35 U
1,4-Dichlorobenzene	340	0.39 U	1.9 U	0.4 U	0.35 U
3,3´-Dichlorobenzidine	--	0.78 U	3.9 U	0.79 U	0.69 U
2,4-Dichlorophenol	--	0.39 U	1.9 U	0.4 U	0.35 U
Diethyl phthalate	2,000	0.39 U	1.9 U	0.4 U	0.35 U
Dimethyl phthalate	--	0.39 U	1.9 U	0.4 U	0.35 U
Di-n-butyl phthalate	2,300	0.39 U	1.9 U	0.4 U	0.35 U
2,4-Dimethylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4,6-Dinitro-2-methylphenol	--	1.9 U	9.4 U	1.9 U	1.7 U
2,4-Dinitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
2,4-Dinitrotoluene	--	0.39 U	1.9 U	0.4 U	0.35 U
2,6-Dinitrotoluene	--	0.39 U	1.9 U	0.4 U	0.35 U
Di-n-octyl phthalate	--	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorobenzene	2.6	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorobutadiene	--	0.39 U	1.9 U	0.4 U	0.35 U
Hexachlorocyclopentadiene	1.1	0.39 U	1.9 U	0.4 U	0.35 U
Hexachloroethane	--	0.39 U	1.9 U	0.4 U	0.35 U
Isophorone	4,600	0.39 U	1.9 U	0.4 U	0.35 U
2-Methylnaphthalene	--	1.6	1.9 U	0.4 U	1.7
2-Methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
4-Methylphenol	--	0.39 U	1.9 U	0.4 U	0.35 U
2-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
3-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
4-Nitroaniline	--	1.9 U	9.4 U	1.9 U	1.7 U
Nitrobenzene	9.4	0.39 U	1.9 U	0.4 U	0.35 U
2-Nitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
4-Nitrophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
N-Nitrosodi-n-propylamine	--	0.39 U	1.9 U	0.4 U	0.35 U
N-Nitrosodiphenylamine	--	0.39 U	1.9 U	0.4 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.082 U	0.017 U	0.015 U
Pentachlorophenol	--	1.9 U	9.4 U	1.9 U	1.7 U
Phenol	--	0.39 U	1.9 U	0.4 U	0.35 U
1,2,4-Trichlorobenzene	920	0.39 U	1.9 U	0.4 U	0.35 U
2,4,5-Trichlorophenol	--	0.78 U	3.9 U	0.79 U	0.69 U
2,4,6-Trichlorophenol	540	0.39 U	1.9 U	0.4 U	0.35 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 23 (Continued)
Tier 1 Screening: Soil Inhalation Exposure Route
Construction Worker
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP43-002 3.5-4.5	SP44-001 0-0.5	SP44-002 6-7	SB45-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	--	0.062	0.15 U	0.03 U	0.74
Acenaphthylene	--	0.074	0.15 U	0.03 U	0.65
Anthracene	--	0.029	0.16	0.03 U	1.9
Benzo(a)anthracene	--	0.09	0.15 U	0.03 U	2.5
Benzo(b)fluoranthene	--	0.13	0.78	0.03 U	2
Benzo(k)fluoranthene	--	0.11	0.81	0.03 U	1.9
Benzo(g,h,i)perylene	--	0.087	1.1	0.03 U	1.3
Benzo(a)pyrene	--	0.13	0.45	0.03 U	2.4
Chrysene	--	0.16	0.83	0.03 U	3.9
Dibenzo(a,h)anthracene	--	0.038	0.25	0.03 U	0.37
Fluoranthene	--	0.17	0.45	0.03 U	4.1
Fluorene	--	0.16	0.15 U	0.03 U	1.2
Indeno(1,2,3-cd)pyrene	--	0.076	0.69	0.03 U	0.94
Naphthalene	1.8	0.22	0.15 U	0.03 U	1.8
Phenanthrene	--	0.38	0.42	0.03 U	3.6
Pyrene	--	0.088	0.64	0.03 U	6.8
PCBs (mg/kg)					
Aroclor 1016	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1221	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1232	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1242	--	0.28	1.5	0.096 U	5.2 U
Aroclor 1248	--	0.099 U	0.094 U	0.096 U	0.084 U
Aroclor 1254	--	0.26	1	0.19 U	5.2 U
Aroclor 1260	--	0.2 U	0.19 U	0.19 U	0.17 U
Total PCBs	--	1.136	3.066	0.860 U	10.906 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	--	NA	0.98 J	1.1 UJ	0.95 UJ
Arsenic	25,000	NA	3.8	13 J	7.6
Barium	870,000	NA	140 J	79 J	59 J
Beryllium	44,000	NA	1.1	1.2	0.63
Cadmium	59,000	NA	1.5	0.57 U	1.1
Chromium	690	NA	21 J	20 J	13 J
Copper	--	NA	79 J	31 J	42 J
Lead	--	NA	210 J	19	240 J
Mercury	52,000	NA	0.38	0.03 U	0.3
Nickel	440,000	NA	16 J	39 J	17 J
Selenium	--	NA	0.94 U	1.1 U	0.95 U
Silver	--	NA	0.94 U	1.1 U	0.95 U
Thallium	--	NA	1.3	1.8	0.95 U
Zinc	--	NA	290 J	52 J	140 J
Total Cyanide	--	NA	0.28 U	0.32 U	1.3

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) NA - Not Analyzed.

Table 24
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Volatiles (mg/kg)						
Acetone	16	0.099	0.041 U	0.17	0.091	0.051
Benzene	0.17	0.0097 U	0.0082 U	0.055	0.015	0.0072 U
Bromodichloromethane	0.6	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromoform	0.8	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Bromomethane	1.2	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
2-Butanone	--	0.019 U	0.016 U	0.024 U	0.02	0.014 U
Carbon Disulfide	160	0.0097 U	0.0082 U	0.023	0.0081 U	0.0072 U
Carbon Tetrachloride	0.33	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chlorobenzene	6.5	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloroethane	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Chloroform	2.9	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Chloromethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Dibromochloromethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethane	110	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloroethane	0.1	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1-Dichloroethene	0.3	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,2-Dichloroethene	1.1	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,2-Dichloroethene	3.4	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,2-Dichloropropane	0.15	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
cis-1,3-Dichloropropene	0.02	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
trans-1,3-Dichloropropene	0.02	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Ethylbenzene	19	0.0097 U	0.0082 U	0.044	0.049	0.0072 U
2-Hexanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
4-Methyl-2-Pentanone	--	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Methylene Chloride	0.2	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
Styrene	18	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2,2-Tetrachloroethane	--	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Tetrachloroethene	0.3	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Toluene	29	0.0097 U	0.0082 U	0.036	0.0081 U	0.0072 U
1,1,1-Trichloroethane	9.6	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
1,1,2-Trichloroethane	0.3	0.0097 U	0.0082 U	0.012 U	0.0081 U	0.0072 U
Trichloroethene	0.3	0.0097 U	0.0082 U	0.021	0.0081 U	0.0072 U
Vinyl Chloride	0.07	0.019 U	0.016 U	0.024 U	0.016 U	0.014 U
m,p-Xylene*	150	0.0097 U	0.0082 U	0.028	0.0081 U	0.0072 U
o-Xylene*	150	0.0097 U	0.0082 U	0.025	0.012	0.0096

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-chloroethyl)ether**	0.0004	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	0.45	0.37 U	0.38 U	0.49
4-Bromophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Butyl benzyl phthalate	930	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Carbazole	2.8	0.37 U	0.38 U	0.52	0.47	2.9
4-Chloro-3-methylphenol	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chloroaniline	0.7	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chloronaphthalene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Chlorophenol*	1.5	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dibenzofuran	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2-Dichlorobenzene	43	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,3-Dichlorobenzene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,4-Dichlorobenzene	11	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
3,3´-Dichlorobenzidine**	0.033	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4-Dichlorophenol*	0.48	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Diethyl phthalate	470	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Dimethyl phthalate	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-butyl phthalate	2,300	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4-Dimethylphenol	9	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrophenol**	0.2	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene**	0.0008	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,6-Dinitrotoluene**	0.0007	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Di-n-octyl phthalate	10,000	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobenzene	11	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorobutadiene	--	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachlorocyclopentadiene	2,200	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Hexachloroethane	2.6	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
Isophorone	8	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Methylnaphthalene	--	0.37 U	0.38 U	0.85	0.38 U	0.57
2-Methylphenol	15	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
4-Methylphenol	--	0.37 U	0.38 U	0.56	0.38 U	0.36 U
2-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
3-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitroaniline	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Nitrobenzene**	0.1	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
4-Nitrophenol	--	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
N-Nitrosodi-n-propylamine**	0.00005	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
N-Nitrosodiphenylamine	5.6	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.016 U	0.015 U
Pentachlorophenol**	0.10	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
Phenol	100	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
1,2,4-Trichlorobenzene	53	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U
2,4,5-Trichlorophenol*	26	0.74 U	0.76 U	0.75 U	0.75 U	0.71 U
2,4,6-Trichlorophenol*	0.07	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(5) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB01-001 1-2	SB01-002 8-10	SP02-001 2-3	SP02-002 3-4	SP03-001 2-3
PAHs (mg/kg)						
Acenaphthene	2,900	0.037	0.029 U	0.45	0.19	0.69
Acenaphthylene	--	0.032	0.029 U	1.2	0.13	0.32
Anthracene	59,000	0.27	0.16	1.5	0.3	0.75
Benzo(a)anthracene	8	0.34	0.34	3.5	0.43	2.5
Benzo(b)fluoranthene	25	0.44	0.32	2.2	0.36	1.8
Benzo(k)fluoranthene	250	0.44	0.26	2.7	0.39	1.6
Benzo(g,h,i)perylene	--	0.31	0.23	2	0.48	0.94
Benzo(a)pyrene	82	0.32	0.21	3.1	0.52	2.3
Chrysene	800	0.71	0.67	4.1	0.62	2.5
Dibenzo(a,h)anthracene	7.6	0.16	0.099	0.81	0.13	0.39
Fluoranthene	21,000	1.4	1.1	6.2	0.85	4.1
Fluorene	2,800	0.067	0.029 U	0.63	0.21	0.65
Indeno(1,2,3-cd)pyrene	69	0.31	0.2	2	0.35	0.93
Naphthalene	18	0.36	0.044	0.84	0.28	0.75
Phenanthrene	--	0.64	0.35	3.8	1	3.7
Pyrene	21,000	1.5	1.2	8.6	1.1	4.5
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1221	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1232	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1242	--	0.09 U	0.093 U	0.094	0.09 U	0.4
Aroclor 1248	--	0.09 U	0.093 U	0.09 U	0.09 U	0.084 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.18 U	0.33
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.18 U	0.16 U
Total PCBs	--	0.810 U	0.845 U	0.814	0.810 U	1.226
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	0.97 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ
Arsenic*	120	8.1	9.2 J	6.5	2.5 J	7.2
Barium*	1,800	61 J	47 J	82 J	19 J	68 J
Beryllium*	130,000	0.75	0.87	1.1	0.63	1
Cadmium*	590	0.91	0.54	0.79	0.52 U	1.1
Chromium ****	--	14 J	20 J	15 J	6.9 J	20 J
Copper*	330,000	66 J	32 J	43 J	8.9 J	110 J
Lead***	--	380 J	41	130 J	31	150 J
Mercury*	32	0.35	0.28	0.15	0.035	0.076
Nickel*	14,000	17 J	33 J	20 J	5.5 J	23 J
Selenium*	1.3	0.97 U	1 U	1 U	1 U	1.1 U
Silver **	39	0.97 U	1 U	1 U	1 U	1.1 U
Thallium*	34	0.97 U	4.2	1	1 U	1.1 U
Zinc*	32,000	160 J	70 J	90 J	23 J	290 J
Total Cyanide*	120	0.31 U	0.27 U	0.26 U	0.26 U	0.23 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Volatiles (mg/kg)						
Acetone	16	0.32	0.061 U	0.067	0.061	0.073
Benzene	0.17	0.017 U	0.012 U	0.015	0.012 U	0.079
Bromodichloromethane	0.6	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromoform	0.8	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Bromomethane	1.2	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
2-Butanone	--	0.072	0.025 U	0.024 U	0.023 U	0.025 U
Carbon Disulfide	160	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Carbon Tetrachloride	0.33	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chlorobenzene	6.5	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloroethane	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Chloroform	2.9	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Chloromethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Dibromochloromethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethane	110	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloroethane	0.1	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1-Dichloroethene	0.3	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,2-Dichloroethene	1.1	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,2-Dichloroethene	3.4	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,2-Dichloropropane	0.15	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
cis-1,3-Dichloropropene	0.02	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
trans-1,3-Dichloropropene	0.02	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Ethylbenzene	19	0.017 U	0.012 U	0.012 U	0.012 U	0.15
2-Hexanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
4-Methyl-2-Pentanone	--	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Methylene Chloride	0.2	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
Styrene	18	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2,2-Tetrachloroethane	--	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Tetrachloroethene	0.3	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Toluene	29	0.017 U	0.012 U	0.012 U	0.012 U	0.041
1,1,1-Trichloroethane	9.6	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
1,1,2-Trichloroethane	0.3	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Trichloroethene	0.3	0.017 U	0.012 U	0.012 U	0.012 U	0.013 U
Vinyl Chloride	0.07	0.034 U	0.025 U	0.024 U	0.023 U	0.025 U
m,p-Xylene*	150	0.017 U	0.012 U	0.012 U	0.012 U	0.11
o-Xylene*	150	0.017 U	0.012 U	0.012 U	0.012 U	0.12

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-chloroethyl)ether**	0.0004	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.44 U	1.1	0.38 U	0.39 U	0.38 U
4-Bromophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Butyl benzyl phthalate	930	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Carbazole	2.8	0.44 U	0.41 U	0.67	0.39 U	2.2
4-Chloro-3-methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chloroaniline	0.7	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chloronaphthalene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Chlorophenol*	1.5	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dibenzofuran	--	0.44 U	0.41 U	0.38 U	0.39 U	0.4
1,2-Dichlorobenzene	43	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,3-Dichlorobenzene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,4-Dichlorobenzene	11	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
3,3´-Dichlorobenzidine**	0.033	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4-Dichlorophenol*	0.48	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Diethyl phthalate	470	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Dimethyl phthalate	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-butyl phthalate	2,300	0.44 U	0.45	0.38 U	0.39 U	0.38 U
2,4-Dimethylphenol	9	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4,6-Dinitro-2-methylphenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrophenol**	0.2	2.1 U	2 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene**	0.0008	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,6-Dinitrotoluene**	0.0007	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Di-n-octyl phthalate	10,000	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobenzene	11	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorobutadiene	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Hexachloroethane	2.6	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
Isophorone	8	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Methylnaphthalene	--	0.44 U	0.41 U	0.54	0.39 U	2.7
2-Methylphenol	15	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
4-Methylphenol	--	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
3-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitroaniline	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Nitrobenzene**	0.1	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
4-Nitrophenol	--	2.1 U	2 U	1.8 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine**	0.00005	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
N-Nitrosodiphenylamine	5.6	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.019 U	0.017 U	0.016 U	0.017 U	0.016 U
Pentachlorophenol**	0.10	2.1 U	2 U	1.8 U	1.9 U	1.8 U
Phenol	100	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
1,2,4-Trichlorobenzene	53	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U
2,4,5-Trichlorophenol*	26	0.89 U	0.82 U	0.76 U	0.78 U	0.76 U
2,4,6-Trichlorophenol*	0.07	0.44 U	0.41 U	0.38 U	0.39 U	0.38 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP03-002 4-5	SB04-001 5-7	SP05-001 2-3	SP05-002 9-10	SP06-001 2-3
PAHs (mg/kg)						
Acenaphthene	2,900	0.034 U	0.17	0.84	0.03 U	1.4
Acenaphthylene	--	0.034 U	0.13	1.3	0.03 U	0.59
Anthracene	59,000	0.034 U	0.7	1.1	0.03 U	1.7
Benzo(a)anthracene	8	0.034 U	0.78	3	0.03 U	3.3
Benzo(b)fluoranthene	25	0.034 U	1.1	1.9	0.03 U	2
Benzo(k)fluoranthene	250	0.034 U	0.91	2.5	0.03 U	2.4
Benzo(g,h,i)perylene	--	0.034 U	1.2	1.2	0.03 U	1.4
Benzo(a)pyrene	82	0.034 U	0.75	3.3	0.03 U	3.3
Chrysene	800	0.034 U	1.7	3.5	0.03 U	4.2
Dibenzo(a,h)anthracene	7.6	0.034 U	0.41	0.55	0.03 U	0.71
Fluoranthene	21,000	0.034 U	2.4	4.3	0.03 U	7.2
Fluorene	2,800	0.034 U	0.31	0.77	0.03 U	1.5
Indeno(1,2,3-cd)pyrene	69	0.034 U	0.74	1.3	0.03 U	1.6
Naphthalene	18	0.034 U	0.15	0.22	0.03 U	4.2
Phenanthrene	--	0.034 U	1.5	2.9	0.03 U	7
Pyrene	21,000	0.034 U	3.4	6.6	0.03 U	6.1
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1221	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1232	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1242	--	0.1 U	5.8	0.092 U	0.095 U	0.29
Aroclor 1248	--	0.1 U	0.096 U	0.092 U	0.095 U	0.092 U
Aroclor 1254	--	0.2 U	3.4	0.19 U	0.19 U	0.29
Aroclor 1260	--	0.2 U	0.19 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.900 U	9.774	0.840 U	0.855 U	1.128
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic*	120	3.6 J	8.1 J	9	5.8 J	7.3
Barium*	1,800	58 J	260 J	78 J	18 J	160 J
Beryllium*	130,000	1.3	0.72	1.1	0.97	0.95
Cadmium*	590	0.6 U	3	1.1	0.55 U	1.2
Chromium ****	--	20 J	570 J	14 J	15 J	13 J
Copper*	330,000	18 J	220 J	140 J	19 J	35 J
Lead***	--	17	280	160 J	13	450 J
Mercury*	32	0.031 U	0.31	0.32	0.027 U	0.22
Nickel*	14,000	24 J	76 J	20 J	23 J	17 J
Selenium*	1.3	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver **	39	1.2 U	1.3	1.1 U	1.1 U	1.1 U
Thallium*	34	1.2	1.2 U	1.1 U	1.5	1.1 U
Zinc*	32,000	63 J	780 J	240 J	37 J	320 J
Total Cyanide*	120	0.31 U	0.33 U	0.27 U	0.31 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP07-003 16-17
TCL Volatiles (mg/kg)						
Acetone	16	0.16	0.092 U	0.06 U	0.068 U	0.046 U
Benzene	0.17	0.78	0.056	0.012 U	0.014 U	0.0093 U
Bromodichloromethane	0.6	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Bromoform	0.8	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Bromomethane	1.2	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
2-Butanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Carbon Disulfide	160	0.025 U	0.018 U	0.04	0.014 U	0.0093 U
Carbon Tetrachloride	0.33	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Chlorobenzene	6.5	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Chloroethane	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Chloroform	2.9	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Chloromethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Dibromochloromethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,1-Dichloroethane	110	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,2-Dichloroethane	0.1	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,1-Dichloroethene	0.3	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
cis-1,2-Dichloroethene	1.1	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
trans-1,2-Dichloroethene	3.4	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,2-Dichloropropane	0.15	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
cis-1,3-Dichloropropene	0.02	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
trans-1,3-Dichloropropene	0.02	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Ethylbenzene	19	3	0.38	0.013	0.014 U	0.0093 U
2-Hexanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
4-Methyl-2-Pentanone	--	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Methylene Chloride	0.2	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
Styrene	18	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,1,2,2-Tetrachloroethane	--	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Tetrachloroethene	0.3	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Toluene	29	0.79	0.044	0.012	0.014 U	0.0093 U
1,1,1-Trichloroethane	9.6	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
1,1,2-Trichloroethane	0.3	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Trichloroethene	0.3	0.025 U	0.018 U	0.012 U	0.014 U	0.0093 U
Vinyl Chloride	0.07	0.05 U	0.037 U	0.024 U	0.027 U	0.019 U
m,p-Xylene*	150	3	0.098	0.016	0.014 U	0.0093 U
o-Xylene*	150	2	0.17	0.012 U	0.014 U	0.0093 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP07-003 16-17
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Carbazole	2.8	0.39 U	1.4	0.47	0.38 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
4-Chloroaniline	0.7	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2-Chlorophenol*	1.5	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Dibenzofuran	--	1.3	1.6	0.37 U	0.38 U	0.39 U
1,2-Dichlorobenzene	43	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
1,4-Dichlorobenzene	11	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.78 U	2.2 U	0.74 U	0.76 U	0.79 U
2,4-Dichlorophenol*	0.48	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Diethyl phthalate	470	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2,4-Dimethylphenol	9	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol**	0.2	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Hexachlorobenzene	11	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Hexachloroethane	2.6	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
Isophorone	8	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2-Methylnaphthalene	--	20	17	0.4	0.38 U	0.39 U
2-Methylphenol	15	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
4-Methylphenol	--	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
Nitrobenzene**	0.1	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.046 U	0.016 U	0.016 U	0.017 U
Pentachlorophenol**	0.10	1.9 U	5.2 U	1.8 U	1.9 U	1.9 U
Phenol	100	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	53	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U
2,4,5-Trichlorophenol*	26	0.78 U	2.2 U	0.74 U	0.76 U	0.79 U
2,4,6-Trichlorophenol*	0.07	0.39 U	1.1 U	0.37 U	0.38 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP06-002 3-4	SP06-003 8-10	SP07-001 1-2	SP07-002 9-10	SP07-003 16-17
PAHs (mg/kg)						
Acenaphthene	2,900	10	4.5	0.28 U	0.029 U	0.03 U
Acenaphthylene	--	2	4.2	0.39	0.029 U	0.03 U
Anthracene	59,000	9.6	4.9	0.54	0.029 U	0.03 U
Benzo(a)anthracene	8	3.9	4.2	1.5	0.029 U	0.03 U
Benzo(b)fluoranthene	25	1.1	1.3	1.3	0.029 U	0.03 U
Benzo(k)fluoranthene	250	0.89	1.1	0.98	0.029 U	0.03 U
Benzo(g,h,i)perylene	--	1.2	0.82 U	0.77	0.029 U	0.03 U
Benzo(a)pyrene	82	2.7	0.97	1.6	0.029 U	0.03 U
Chrysene	800	5.1	4.3	1.6	0.029 U	0.03 U
Dibenzo(a,h)anthracene	7.6	0.52	0.82 U	0.28 U	0.029 U	0.03 U
Fluoranthene	21,000	9.1	6.8	2.5	0.029 U	0.03 U
Fluorene	2,800	10	6.5	0.28 U	0.029 U	0.03 U
Indeno(1,2,3-cd)pyrene	69	1.2	0.82 U	0.71	0.029 U	0.03 U
Naphthalene	18	27	13	0.28	0.029 U	0.03 U
Phenanthrene	--	34	21	2.1	0.029 U	0.03 U
Pyrene	21,000	15	10	2.8	0.029 U	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.09 U	0.091 U	0.09 U	0.096 U
Aroclor 1221	--	0.094 U	0.09 U	0.091 U	0.09 U	0.096 U
Aroclor 1232	--	0.094 U	0.09 U	0.091 U	0.09 U	0.096 U
Aroclor 1242	--	0.094 U	0.09 U	1.5	0.09 U	0.096 U
Aroclor 1248	--	0.094 U	0.09 U	0.091 U	0.09 U	0.096 U
Aroclor 1254	--	0.19 U	0.18 U	0.91 U	0.18 U	0.19 U
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Total PCBs	--	0.850 U	0.810 U	2.954	0.810 U	0.860 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	NA	1 UJ	1.1 UJ	1.1 UJ
Arsenic*	120	6.5 J	NA	4.4	7.7 J	8.1 J
Barium*	1,800	67 J	NA	370 J	38 J	98 J
Beryllium*	130,000	1	NA	5.7	0.98	1.2
Cadmium*	590	0.98	NA	1.4	0.54 U	0.57 U
Chromium ****	--	12 J	NA	120 J	17 J	21 J
Copper*	330,000	71 J	NA	400 J	28 J	24 J
Lead***	--	190	NA	180 J	55	16
Mercury*	32	0.15	NA	0.091	0.029 U	0.032 U
Nickel*	14,000	17 J	NA	17 J	33 J	31 J
Selenium*	1.3	1.1 U	NA	2.8	1.1 U	1.1 U
Silver **	39	1.1 U	NA	1 U	1.1 U	1.1 U
Thallium*	34	1.1 U	NA	1 U	1.4	2.1
Zinc*	32,000	190 J	NA	180 J	69 J	39 J
Total Cyanide*	120	0.26 U	NA	0.26 U	0.27 U	0.29 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) Shaded value exceeds Tier 1 screening level.
(5) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(6) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(7) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(8) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.
(9) NA - Not Analyzed.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-001 0-0.5	SP08-002 7-8	SB09-001 3-5	SB10-001 1-2	SP10-002 6-7
TCL Volatiles (mg/kg)						
Acetone	16	0.047 U	0.097	0.12	0.062	0.071 U
Benzene	0.17	0.0095 U	0.011 U	0.19	0.0092	3.6
Bromodichloromethane	0.6	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Bromoform	0.8	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Bromomethane	1.2	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
2-Butanone	--	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
Carbon Disulfide	160	0.0095 U	0.011 U	0.013	0.0074 U	0.014 U
Carbon Tetrachloride	0.33	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Chlorobenzene	6.5	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Chloroethane	--	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
Chloroform	2.9	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Chloromethane	--	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Dibromochloromethane	--	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,1-Dichloroethane	110	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,2-Dichloroethane	0.1	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,1-Dichloroethene	0.3	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
cis-1,2-Dichloroethene	1.1	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
trans-1,2-Dichloroethene	3.4	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,2-Dichloropropane	0.15	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
cis-1,3-Dichloropropene	0.02	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
trans-1,3-Dichloropropene	0.02	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Ethylbenzene	19	0.0095 U	0.011 U	0.07	0.014	8.2
2-Hexanone	--	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
4-Methyl-2-Pentanone	--	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
Methylene Chloride	0.2	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
Styrene	18	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,1,2,2-Tetrachloroethane	--	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Tetrachloroethene	0.3	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Toluene	29	0.0095 U	0.011 U	0.011 U	0.0087	0.014 U
1,1,1-Trichloroethane	9.6	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
1,1,2-Trichloroethane	0.3	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Trichloroethene	0.3	0.0095 U	0.011 U	0.011 U	0.0074 U	0.014 U
Vinyl Chloride	0.07	0.019 U	0.022 U	0.022 U	0.015 U	0.028 U
m,p-Xylene*	150	0.0095 U	0.011 U	0.013	0.021	5
o-Xylene*	150	0.0095 U	0.011 U	0.087	0.014	1.4

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-001 0-0.5	SP08-002 7-8	SB09-001 3-5	SB10-001 1-2	SP10-002 6-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	2.9	0.4 U	0.75	2.1	0.39 U
4-Bromophenyl phenyl ether	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Butyl benzyl phthalate	930	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Carbazole	2.8	0.41 U	0.4 U	3.7	1.1	0.39 U
4-Chloro-3-methylphenol	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
4-Chloroaniline	0.7	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2-Chloronaphthalene	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2-Chlorophenol*	1.5	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Dibenzofuran	--	0.41 U	0.4 U	0.65	2	1.2
1,2-Dichlorobenzene	43	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
1,3-Dichlorobenzene	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
1,4-Dichlorobenzene	11	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.81 U	0.8 U	0.75 U	0.72 U	0.77 U
2,4-Dichlorophenol*	0.48	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Diethyl phthalate	470	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Dimethyl phthalate	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Di-n-butyl phthalate	2,300	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2,4-Dimethylphenol	9	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
4,6-Dinitro-2-methylphenol	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrophenol**	0.2	2 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Di-n-octyl phthalate	10,000	0.71	0.4 U	0.37 U	0.36 U	0.39 U
Hexachlorobenzene	11	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Hexachlorobutadiene	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Hexachloroethane	2.6	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
Isophorone	8	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2-Methylnaphthalene	--	0.41 U	0.4 U	0.37 U	27	23
2-Methylphenol	15	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
4-Methylphenol	--	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2-Nitroaniline	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
3-Nitroaniline	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
4-Nitroaniline	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
Nitrobenzene**	0.1	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2-Nitrophenol	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
4-Nitrophenol	--	2 U	1.9 U	1.8 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.017 U	0.016 U	0.015 U	0.016 U
Pentachlorophenol**	0.10	2 U	1.9 U	1.8 U	1.8 U	1.9 U
Phenol	100	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
1,2,4-Trichlorobenzene	53	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U
2,4,5-Trichlorophenol*	26	0.81 U	0.8 U	0.75 U	0.72 U	0.77 U
2,4,6-Trichlorophenol*	0.07	0.41 U	0.4 U	0.37 U	0.36 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.
(5) Shaded value exceeds Tier 1 screening level.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP08-001 0-0.5	SP08-002 7-8	SB09-001 3-5	SB10-001 1-2	SP10-002 6-7
PAHs (mg/kg)						
Acenaphthene	2,900	0.031 U	0.003 U	0.51	2.4	8.6
Acenaphthylene	--	0.28	0.0052	0.36	1.9	5.1
Anthracene	59,000	0.4	0.011	2.3	7.1	8.6
Benzo(a)anthracene	8	1.4	0.029	3.3	1.6	1.7
Benzo(b)fluoranthene	25	1.2	0.035	2.3	3.5	2.5
Benzo(k)fluoranthene	250	0.9	0.027	2.3	3.4	1.7
Benzo(g,h,i)perylene	--	0.9	0.015	0.74	3.6	1.6
Benzo(a)pyrene	82	1.7	0.031	1.6	3.9	2.2
Chrysene	800	1.5	0.035	3.8	9	11
Dibenzo(a,h)anthracene	7.6	0.33	0.006	0.31	1.2	0.59
Fluoranthene	21,000	1.7	0.043	5.3	11	6.8
Fluorene	2,800	0.078	0.0052	0.92	6.9	6.7
Indeno(1,2,3-cd)pyrene	69	0.83	0.014	0.69	2.6	1.1
Naphthalene	18	0.041	0.004	0.52	10	18
Phenanthrene	--	1	0.032	5.2	24	26
Pyrene	21,000	2.1	0.056	5.1	14	14
PCBs (mg/kg)						
Aroclor 1016	--	0.099 U	0.098 U	0.088 U	0.09 U	0.094 U
Aroclor 1221	--	0.099 U	0.098 U	0.088 U	0.09 U	0.094 U
Aroclor 1232	--	0.099 U	0.098 U	0.088 U	0.09 U	0.094 U
Aroclor 1242	--	0.37	0.098 U	0.39	3.9	0.094 U
Aroclor 1248	--	0.099 U	0.098 U	0.088 U	0.09 U	0.094 U
Aroclor 1254	--	0.28	0.2 U	0.41	3.3	0.19 U
Aroclor 1260	--	0.2 U	0.2 U	0.18 U	0.18 U	0.19 U
Total PCBs	--	1.246	0.890 U	1.332	7.740	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.2 UJ	1.1 UJ	1 UJ	1.1 J	1.1 UJ
Arsenic*	120	7.2	2.8 J	7.8 J	7.2	13 J
Barium*	1,800	76 J	31 J	140 J	140 J	80 J
Beryllium*	130,000	1.1	1.1	0.6	0.84	1.1
Cadmium*	590	0.75	0.54 U	1.1	1.9	0.55 U
Chromium ****	--	15 J	18 J	98 J	26 J	18 J
Copper*	330,000	50 J	22 J	68 J	120 J	32 J
Lead***	--	200 J	18	340	260 J	25
Mercury*	32	1.4	0.033	0.21	0.3	0.027 U
Nickel*	14,000	19 J	24 J	38 J	25 J	35 J
Selenium*	1.3	1.2 U	1.1 U	1 U	0.9 U	1.1 U
Silver **	39	1.2 U	1.1 U	1 U	0.9 U	1.1 U
Thallium*	34	1.2 U	1.5	1 U	1.3	2
Zinc*	32,000	170 J	42 J	240 J	830 J	53 J
Total Cyanide*	120	0.33 U	0.3 U	0.29 U	0.36	0.31 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP10-003 13-14	SP11-001 0-0.5	SP11-002 9-10	SP13-001 1-2	SP13-002 6-7
TCL Volatiles (mg/kg)						
Acetone	16	0.053 U	0.057 U	0.078	0.062	0.12
Benzene	0.17	0.92	0.011 U	0.013 U	0.012 U	0.012 U
Bromodichloromethane	0.6	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Bromoform	0.8	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Bromomethane	1.2	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
2-Butanone	--	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
Carbon Disulfide	160	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Carbon Tetrachloride	0.33	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Chlorobenzene	6.5	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Chloroethane	--	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
Chloroform	2.9	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Chloromethane	--	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Dibromochloromethane	--	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethane	110	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,2-Dichloroethane	0.1	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,1-Dichloroethene	0.3	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	1.1	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	3.4	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,2-Dichloropropane	0.15	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Ethylbenzene	19	9	0.011 U	0.013 U	0.012 U	0.012 U
2-Hexanone	--	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
4-Methyl-2-Pentanone	--	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
Methylene Chloride	0.2	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
Styrene	18	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Tetrachloroethene	0.3	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Toluene	29	0.6	0.011 U	0.013 U	0.012 U	0.012 U
1,1,1-Trichloroethane	9.6	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
1,1,2-Trichloroethane	0.3	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Trichloroethene	0.3	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U
Vinyl Chloride	0.07	0.021 U	0.023 U	0.026 U	0.025 U	0.023 U
m,p-Xylene*	150	3.8	0.011 U	0.013 U	0.012 U	0.012 U
o-Xylene*	150	12	0.011 U	0.013 U	0.012 U	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP10-003 13-14	SP11-001 0-0.5	SP11-002 9-10	SP13-001 1-2	SP13-002 6-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Bis(2-chloroethyl)ether**	0.0004	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	1.1	0.38 U	0.36 U	0.4 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Butyl benzyl phthalate	930	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Carbazole	2.8	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
4-Chloroaniline	0.7	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2-Chlorophenol*	1.5	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Dibenzofuran	--	0.75	0.38 U	0.38 U	0.36 U	0.4 U
1,2-Dichlorobenzene	43	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
1,4-Dichlorobenzene	11	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
3,3´-Dichlorobenzidine**	0.033	0.77 U	0.76 U	0.77 U	0.73 U	0.8 U
2,4-Dichlorophenol*	0.48	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Diethyl phthalate	470	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Di-n-butyl phthalate	2,300	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2,4-Dimethylphenol	9	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrophenol**	0.2	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2,6-Dinitrotoluene**	0.0007	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Di-n-octyl phthalate	10,000	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Hexachlorobenzene	11	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Hexachloroethane	2.6	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
Isophorone	8	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2-Methylnaphthalene	--	20	1.1	0.42	0.86	0.53
2-Methylphenol	15	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
4-Methylphenol	--	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Nitrobenzene**	0.1	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
N-Nitrosodiphenylamine	5.6	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.016 U	0.015 U	0.017 U
Pentachlorophenol**	0.10	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Phenol	100	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
1,2,4-Trichlorobenzene	53	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U
2,4,5-Trichlorophenol*	26	0.77 U	0.76 U	0.77 U	0.73 U	0.8 U
2,4,6-Trichlorophenol*	0.07	0.38 U	0.38 U	0.38 U	0.36 U	0.4 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP10-003 13-14	SP11-001 0-0.5	SP11-002 9-10	SP13-001 1-2	SP13-002 6-7
PAHs (mg/kg)						
Acenaphthene	2,900	5.5	1.1	0.046	0.16	0.056
Acenaphthylene	--	3.7	0.86	0.029 U	0.069	0.03 U
Anthracene	59,000	3.1	2.5	0.029 U	0.13	0.03 U
Benzo(a)anthracene	8	0.37	0.9	0.029 U	0.037	0.03 U
Benzo(b)fluoranthene	25	0.42	1.7	0.029 U	0.13	0.03 U
Benzo(k)fluoranthene	250	0.49	1.6	0.029 U	0.11	0.03 U
Benzo(g,h,i)perylene	--	0.51	0.62	0.029 U	0.2	0.03 U
Benzo(a)pyrene	82	0.45	1.8	0.029 U	0.094	0.03 U
Chrysene	800	2.2	3.1	0.032	0.26	0.03 U
Dibenzo(a,h)anthracene	7.6	0.13	0.3	0.029 U	0.084	0.03 U
Fluoranthene	21,000	1.8	3.7	0.037	0.21	0.03 U
Fluorene	2,800	3.8	1.3	0.029 U	0.15	0.03 U
Indeno(1,2,3-cd)pyrene	69	0.26	0.44	0.029 U	0.14	0.03 U
Naphthalene	18	27	1.5	0.73	0.83	0.99
Phenanthrene	--	9.3	6.5	0.092	0.34	0.04
Pyrene	21,000	3	7.8	0.063	0.28	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.09 U	0.092 U	0.094 U	0.09 U	0.097 U
Aroclor 1221	--	0.09 U	0.092 U	0.094 U	0.09 U	0.097 U
Aroclor 1232	--	0.09 U	0.092 U	0.094 U	0.09 U	0.097 U
Aroclor 1242	--	0.09 U	0.49	0.094 U	0.98	0.097 U
Aroclor 1248	--	0.09 U	0.092 U	0.094 U	0.09 U	0.097 U
Aroclor 1254	--	0.18 U	0.45	0.19 U	0.9 U	0.19 U
Aroclor 1260	--	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
Total PCBs	--	0.810 U	1.488	0.850 U	2.420	0.865 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1.1 UJ	1.1 UJ	1 J	1.1 UJ
Arsenic*	120	7.5 J	5.4	11 J	7.3	9.4 J
Barium*	1,800	83 J	120 J	100 J	86 J	86 J
Beryllium*	130,000	1.1	1.1	1.1	0.79	1.2
Cadmium*	590	0.55 U	1.2	0.56 U	0.7	0.57 U
Chromium ****	--	19 J	16 J	20 J	14 J	20 J
Copper*	330,000	31 J	90 J	32 J	40 J	34 J
Lead***	--	18	140 J	19	250 J	20
Mercury*	32	0.028	0.1	0.028 U	2.9	0.03
Nickel*	14,000	39 J	26 J	37 J	19 J	34 J
Selenium*	1.3	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Silver **	39	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Thallium*	34	2.5	1.5	2	1.5	2
Zinc*	32,000	49 J	220 J	47 J	94 J	45 J
Total Cyanide*	120	0.25 U	0.89	0.27 U	0.26 U	0.3 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-001 1-2	SB14-002 6-8	SB15-001 0-0.5	SB15-002 6-8
TCL Volatiles (mg/kg)						
Acetone	16	0.055 U	0.051 U	0.078	0.037 U	0.051 U
Benzene	0.17	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Bromodichloromethane	0.6	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Bromoform	0.8	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Bromomethane	1.2	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
2-Butanone	--	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
Carbon Disulfide	160	0.011 U	0.01 U	0.015 U	0.0074 U	0.018
Carbon Tetrachloride	0.33	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Chlorobenzene	6.5	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Chloroethane	--	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
Chloroform	2.9	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Chloromethane	--	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Dibromochloromethane	--	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,1-Dichloroethane	110	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,2-Dichloroethane	0.1	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,1-Dichloroethene	0.3	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
cis-1,2-Dichloroethene	1.1	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
trans-1,2-Dichloroethene	3.4	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,2-Dichloropropane	0.15	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
cis-1,3-Dichloropropene	0.02	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
trans-1,3-Dichloropropene	0.02	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Ethylbenzene	19	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
2-Hexanone	--	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
4-Methyl-2-Pentanone	--	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
Methylene Chloride	0.2	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
Styrene	18	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Tetrachloroethene	0.3	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Toluene	29	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,1,1-Trichloroethane	9.6	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
1,1,2-Trichloroethane	0.3	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Trichloroethene	0.3	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
Vinyl Chloride	0.07	0.022 U	0.02 U	0.03 U	0.015 U	0.021 U
m,p-Xylene*	150	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U
o-Xylene*	150	0.011 U	0.01 U	0.015 U	0.0074 U	0.01 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-001 1-2	SB14-002 6-8	SB15-001 0-0.5	SB15-002 6-8
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.49	0.42 U	0.58	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Carbazole	2.8	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
4-Chloroaniline	0.7	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2-Chlorophenol*	1.5	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Dibenzofuran	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
1,2-Dichlorobenzene	43	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
1,4-Dichlorobenzene	11	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.78 U	0.71 U	0.84 U	0.81 U	0.78 U
2,4-Dichlorophenol*	0.48	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Diethyl phthalate	470	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2,4-Dimethylphenol	9	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.7 U	2 U	2 U	1.9 U
2,4-Dinitrophenol**	0.2	1.9 U	1.7 U	2 U	2 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Hexachlorobenzene	11	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Hexachloroethane	2.6	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
Isophorone	8	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2-Methylnaphthalene	--	0.79	0.35 U	0.42 U	0.4 U	0.39 U
2-Methylphenol	15	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
4-Methylphenol	--	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2-Nitroaniline	--	1.9 U	1.7 U	2 U	2 U	1.9 U
3-Nitroaniline	--	1.9 U	1.7 U	2 U	2 U	1.9 U
4-Nitroaniline	--	1.9 U	1.7 U	2 U	2 U	1.9 U
Nitrobenzene**	0.1	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2-Nitrophenol	--	1.9 U	1.7 U	2 U	2 U	1.9 U
4-Nitrophenol	--	1.9 U	1.7 U	2 U	2 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.017 U	0.015 U	0.018 U	0.017 U	0.017 U
Pentachlorophenol**	0.10	1.9 U	1.7 U	2 U	2 U	1.9 U
Phenol	100	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
1,2,4-Trichlorobenzene	53	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U
2,4,5-Trichlorophenol*	26	0.78 U	0.71 U	0.84 U	0.81 U	0.78 U
2,4,6-Trichlorophenol*	0.07	0.39 U	0.35 U	0.42 U	0.4 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-003 15-16	SB14-001 1-2	SB14-002 6-8	SB15-001 0-0.5	SB15-002 6-8
PAHs (mg/kg)						
Acenaphthene	2,900	0.077	0.15	0.032 U	0.031 U	0.03 U
Acenaphthylene	--	0.03 U	0.18	0.032 U	0.13	0.03 U
Anthracene	59,000	0.03 U	0.25	0.032 U	0.031 U	0.03 U
Benzo(a)anthracene	8	0.03 U	3.5	0.032 U	0.15	0.03 U
Benzo(b)fluoranthene	25	0.03 U	1.8	0.032 U	0.13	0.03 U
Benzo(k)fluoranthene	250	0.03 U	1.6	0.032 U	0.13	0.03 U
Benzo(g,h,i)perylene	--	0.03 U	0.66	0.032 U	0.17	0.03 U
Benzo(a)pyrene	82	0.03 U	3	0.032 U	0.2	0.03 U
Chrysene	800	0.03 U	3.2	0.032 U	0.21	0.03 U
Dibenzo(a,h)anthracene	7.6	0.03 U	0.35	0.032 U	0.057	0.03 U
Fluoranthene	21,000	0.03 U	4.2	0.035	0.24	0.087
Fluorene	2,800	0.036	0.15	0.032 U	0.031 U	0.03 U
Indeno(1,2,3-cd)pyrene	69	0.03 U	0.67	0.032 U	0.14	0.03 U
Naphthalene	18	1.1	0.19	0.11	0.031 U	0.051
Phenanthrene	--	0.063	0.3	0.071	0.17	0.083
Pyrene	21,000	0.03 U	11	0.056	0.33	0.13
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.085 U	0.1 U	0.096 U	0.096 U
Aroclor 1221	--	0.093 U	0.085 U	0.1 U	0.096 U	0.096 U
Aroclor 1232	--	0.093 U	0.085 U	0.1 U	0.096 U	0.096 U
Aroclor 1242	--	0.093 U	0.12	0.1 U	0.22	0.096 U
Aroclor 1248	--	0.093 U	0.085 U	0.1 U	0.096 U	0.096 U
Aroclor 1254	--	0.19 U	0.17 U	0.2 U	0.2 U	0.19 U
Aroclor 1260	--	0.19 U	0.17 U	0.2 U	0.2 U	0.19 U
Total PCBs	--	0.845 U	0.800	0.900 U	1.004	0.860 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1 UJ	0.98 UJ	1.1 UJ	1 UJ	1.1 UJ
Arsenic*	120	9.6 J	3.3	15 J	9.3	12 J
Barium*	1,800	74 J	32 J	31 J	150 J	26 J
Beryllium*	130,000	1	0.61	1.2	0.99	1.1
Cadmium*	590	0.66	0.59	0.57 U	2.2	0.57 U
Chromium ****	--	17 J	12 J	19 J	33 J	16 J
Copper*	330,000	34 J	18 J	32 J	120 J	18 J
Lead***	--	19	85 J	26	340 J	13
Mercury*	32	0.061	0.06	0.031 U	0.23	0.027
Nickel*	14,000	30 J	10 J	43 J	31 J	27 J
Selenium*	1.3	1 U	0.98 U	1.1 U	1 U	1.1 U
Silver **	39	1 U	0.98 U	1.1 U	1 U	1.1 U
Thallium*	34	1.9	0.98 U	1.2	1	1.1
Zinc*	32,000	42 J	91 J	47 J	550 J	36 J
Total Cyanide*	120	0.26 U	0.28 U	0.32 U	0.32 U	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-003 10-12	SP16-001 2-3	SP16-002 9-10	SP16-003 15-16	SB17-001 1-2
TCL Volatiles (mg/kg)						
Acetone	16	0.1	0.053 U	0.1	0.062 U	0.06 U
Benzene	0.17	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Bromodichloromethane	0.6	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Bromoform	0.8	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Bromomethane	1.2	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
2-Butanone	--	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
Carbon Disulfide	160	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Carbon Tetrachloride	0.33	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Chlorobenzene	6.5	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Chloroethane	--	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
Chloroform	2.9	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Chloromethane	--	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Dibromochloromethane	--	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,1-Dichloroethane	110	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,2-Dichloroethane	0.1	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,1-Dichloroethene	0.3	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
cis-1,2-Dichloroethene	1.1	0.011 U	0.053	0.0098 U	0.012 U	0.012 U
trans-1,2-Dichloroethene	3.4	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,2-Dichloropropane	0.15	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
cis-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
trans-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Ethylbenzene	19	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
2-Hexanone	--	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
4-Methyl-2-Pentanone	--	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
Methylene Chloride	0.2	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
Styrene	18	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Tetrachloroethene	0.3	0.011 U	0.1	0.0098 U	0.012 U	0.012 U
Toluene	29	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,1,1-Trichloroethane	9.6	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
1,1,2-Trichloroethane	0.3	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
Trichloroethene	0.3	0.011 U	0.017	0.0098 U	0.012 U	0.012 U
Vinyl Chloride	0.07	0.022 U	0.021 U	0.02 U	0.025 U	0.024 U
m,p-Xylene*	150	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U
o-Xylene*	150	0.011 U	0.011 U	0.0098 U	0.012 U	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-003 10-12	SP16-001 2-3	SP16-002 9-10	SP16-003 15-16	SB17-001 1-2
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Bis(2-chloroethyl)ether**	0.0004	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.42 U	1.6	0.39 U	0.39 U	0.94
4-Bromophenyl phenyl ether	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Butyl benzyl phthalate	930	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Carbazole	2.8	0.42 U	0.75	0.39 U	0.39 U	0.36 U
4-Chloro-3-methylphenol	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
4-Chloroaniline	0.7	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2-Chloronaphthalene	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2-Chlorophenol*	1.5	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Dibenzofuran	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
1,2-Dichlorobenzene	43	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
1,3-Dichlorobenzene	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
1,4-Dichlorobenzene	11	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
3,3´-Dichlorobenzidine**	0.033	0.85 U	0.73 U	0.77 U	0.77 U	0.73 U
2,4-Dichlorophenol*	0.48	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Diethyl phthalate	470	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Dimethyl phthalate	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Di-n-butyl phthalate	2,300	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2,4-Dimethylphenol	9	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
4,6-Dinitro-2-methylphenol	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrophenol**	0.2	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrotoluene**	0.0008	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2,6-Dinitrotoluene**	0.0007	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Di-n-octyl phthalate	10,000	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Hexachlorobenzene	11	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Hexachlorobutadiene	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Hexachlorocyclopentadiene	2,200	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Hexachloroethane	2.6	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
Isophorone	8	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2-Methylnaphthalene	--	0.42 U	0.64	0.39 U	0.39 U	0.36 U
2-Methylphenol	15	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
4-Methylphenol	--	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2-Nitroaniline	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
3-Nitroaniline	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
4-Nitroaniline	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
Nitrobenzene**	0.1	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2-Nitrophenol	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
4-Nitrophenol	--	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine**	0.00005	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
N-Nitrosodiphenylamine	5.6	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2, 2'-Oxybis(1-Chloropropane)	--	0.018 U	0.015 U	0.016 U	0.016 U	0.015 U
Pentachlorophenol**	0.10	2.1 U	1.8 U	1.9 U	1.9 U	1.8 U
Phenol	100	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
1,2,4-Trichlorobenzene	53	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U
2,4,5-Trichlorophenol*	26	0.85 U	0.73 U	0.77 U	0.77 U	0.73 U
2,4,6-Trichlorophenol*	0.07	0.42 U	0.36 U	0.39 U	0.39 U	0.36 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB15-003 10-12	SP16-001 2-3	SP16-002 9-10	SP16-003 15-16	SB17-001 1-2
PAHs (mg/kg)						
Acenaphthene	2,900	0.032 U	0.5	0.029 U	0.029 U	0.036
Acenaphthylene	--	0.032 U	0.15	0.029 U	0.029 U	0.049
Anthracene	59,000	0.032 U	0.81	0.029 U	0.029 U	0.21
Benzo(a)anthracene	8	0.032 U	0.36	0.029 U	0.029 U	0.089
Benzo(b)fluoranthene	25	0.032 U	0.92	0.029 U	0.029 U	0.15
Benzo(k)fluoranthene	250	0.032 U	1.1	0.029 U	0.029 U	0.12
Benzo(g,h,i)perylene	--	0.032 U	0.81	0.029 U	0.029 U	0.034
Benzo(a)pyrene	82	0.032 U	0.75	0.029 U	0.029 U	0.069
Chrysene	800	0.032 U	2.3	0.029 U	0.029 U	0.087
Dibenzo(a,h)anthracene	7.6	0.032 U	0.28	0.029 U	0.029 U	0.028 U
Fluoranthene	21,000	0.032 U	1.8	0.029 U	0.029 U	0.12
Fluorene	2,800	0.032 U	0.44	0.029 U	0.029 U	0.046
Indeno(1,2,3-cd)pyrene	69	0.032 U	0.54	0.029 U	0.029 U	0.034
Naphthalene	18	0.032 U	0.64	0.029 U	0.029 U	0.051
Phenanthrene	--	0.032 U	2.2	0.029 U	0.029 U	0.21
Pyrene	21,000	0.032 U	2.7	0.029 U	0.029 U	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.1 U	0.088 U	0.094 U	0.095 U	0.088 U
Aroclor 1221	--	0.1 U	0.088 U	0.094 U	0.095 U	0.088 U
Aroclor 1232	--	0.1 U	0.088 U	0.094 U	0.095 U	0.088 U
Aroclor 1242	--	0.1 U	4.7	0.094 U	0.095 U	0.15
Aroclor 1248	--	0.1 U	0.088 U	0.094 U	0.095 U	0.088 U
Aroclor 1254	--	0.21 U	4.3	0.19 U	0.19 U	0.18 U
Aroclor 1260	--	0.21 U	0.18 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.920 U	9.532	0.850 U	0.855 U	0.862
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1.1 J	1 UJ	1.1 UJ	1 UJ
Arsenic*	120	5 J	6.7	12 J	9.6 J	1.4
Barium*	1,800	22 J	130 J	79 J	84 J	9.4 J
Beryllium*	130,000	1.2	1.3	1.1	1.1	0.54
Cadmium*	590	0.57 U	2.3	0.52 U	0.56 U	0.5 U
Chromium ****	--	19 J	47 J	17 J	17 J	5.3 J
Copper*	330,000	31 J	170 J	39 J	28 J	4.9 J
Lead***	--	16	150 J	21	17	7.3 J
Mercury*	32	0.032 U	0.43	0.027 U	0.033	0.04
Nickel*	14,000	30 J	40 J	37 J	24 J	3.3 J
Selenium*	1.3	1.1 U	1 U	1 U	1.1 U	1 U
Silver **	39	1.1 U	1 U	1 U	1.1 U	1 U
Thallium*	34	2.5	1.4	1.8	1.7	1 U
Zinc*	32,000	42 J	600 J	40 J	33 J	55 J
Total Cyanide*	120	0.28 U	0.26 U	0.25 U	0.28 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Volatiles (mg/kg)						
Acetone	16	0.062 U	0.05	0.12	0.036	0.065
Benzene	0.17	0.012 U	0.039	0.0084 U	0.077	0.0089 U
Bromodichloromethane	0.6	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromoform	0.8	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Bromomethane	1.2	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
2-Butanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Carbon Disulfide	160	0.012 U	0.0081 U	0.011	0.0065 U	0.0089 U
Carbon Tetrachloride	0.33	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chlorobenzene	6.5	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloroethane	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Chloroform	2.9	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Chloromethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Dibromochloromethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethane	110	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloroethane	0.1	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1-Dichloroethene	0.3	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,2-Dichloroethene	1.1	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,2-Dichloroethene	3.4	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,2-Dichloropropane	0.15	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
cis-1,3-Dichloropropene	0.02	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
trans-1,3-Dichloropropene	0.02	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Ethylbenzene	19	0.012 U	0.22	0.014	0.12	0.0089 U
2-Hexanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
4-Methyl-2-Pentanone	--	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Methylene Chloride	0.2	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
Styrene	18	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Tetrachloroethene	0.3	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Toluene	29	0.012 U	0.064	0.0097	0.018	0.0089 U
1,1,1-Trichloroethane	9.6	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
1,1,2-Trichloroethane	0.3	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Trichloroethene	0.3	0.012 U	0.0081 U	0.0084 U	0.0065 U	0.0089 U
Vinyl Chloride	0.07	0.025 U	0.016 U	0.017 U	0.013 U	0.018 U
m,p-Xylene*	150	0.012 U	0.2	0.031	0.034	0.0089 U
o-Xylene*	150	0.012 U	0.12	0.011	0.036	0.0089 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	1.2	0.63	2.7	0.59 J	0.39 U
4-Bromophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Butyl benzyl phthalate	930	0.35 U	0.36 U	0.58	0.38 U	0.39 U
Carbazole	2.8	0.35 U	3.2	0.53	0.91 J	0.39 U
4-Chloro-3-methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chloroaniline	0.7	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Chlorophenol*	1.5	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dibenzofuran	--	0.35 U	0.94	0.38 U	0.9 J	0.39 U
1,2-Dichlorobenzene	43	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,4-Dichlorobenzene	11	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4-Dichlorophenol*	0.48	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Diethyl phthalate	470	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-butyl phthalate	2,300	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4-Dimethylphenol	9	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrophenol**	0.2	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Di-n-octyl phthalate	10,000	1.6	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobenzene	11	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Hexachloroethane	2.6	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
Isophorone	8	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Methylnaphthalene	--	0.47	20	0.59	2.3 J	0.39 U
2-Methylphenol	15	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
4-Methylphenol	--	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
3-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitroaniline	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Nitrobenzene**	0.1	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
4-Nitrophenol	--	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.015 U	0.016 U	0.38 U	0.39 U
Pentachlorophenol**	0.10	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U
Phenol	100	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	53	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U
2,4,5-Trichlorophenol*	26	0.7 U	0.72 U	0.75 U	0.75 U	0.78 U
2,4,6-Trichlorophenol*	0.07	0.35 U	0.36 U	0.38 U	0.38 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(5) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB18B-001 1-2	SB19-001 1-2	SB20-001 0-0.5	SB21-001 1-2	SB22-002 8-10
PAHs (mg/kg)						
Acenaphthene	2,900	0.19	3.1	0.31	3.3 J	0.031
Acenaphthylene	--	0.12	2.3	0.19	2.5 J	0.029 U
Anthracene	59,000	0.67	3.1	0.78	5 J	0.047
Benzo(a)anthracene	8	0.31	1.4	0.26	1.6 J	0.029 U
Benzo(b)fluoranthene	25	0.57	3.4	2	3.1 J	0.029 U
Benzo(k)fluoranthene	250	0.6	3	1.9	3.5 J	0.029 U
Benzo(g,h,i)perylene	--	0.8	3	0.89	3.7 J	0.029 U
Benzo(a)pyrene	82	0.41	2.7	0.67	4 J	0.029 U
Chrysene	800	1.7	5.4	1.4	5.6 J	0.04
Dibenzo(a,h)anthracene	7.6	0.25	1.3	0.3	1.1 J	0.029 U
Fluoranthene	21,000	1.2	7.4	2.4	8.1 J	0.029 U
Fluorene	2,800	0.3	3.2	0.31	3.6 J	0.033
Indeno(1,2,3-cd)pyrene	69	0.52	2.5	0.62	2.5 J	0.029 U
Naphthalene	18	0.42	13	0.47	2.4 J	0.2
Phenanthrene	--	1.9	9.7	2.5	13 J	0.13
Pyrene	21,000	1.8	8.9	1.9	14 J	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1221	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1232	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1242	--	1.9	0.55	1.3	0.1	0.094 U
Aroclor 1248	--	0.085 U	0.087 U	0.091 U	0.091 U	0.094 U
Aroclor 1254	--	1.6	0.52	0.91 U	0.18 U	0.19 U
Aroclor 1260	--	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U
Total PCBs	--	4.010	1.588	2.754	0.824	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1 J	0.98 J	1 J	0.97 UJ	1.1 UJ
Arsenic*	120	4	2.5	4.3	6.9	5.7 J
Barium*	1,800	99 J	69 J	150 J	76 J	34 J
Beryllium*	130,000	0.79	0.5	0.87	0.48 U	0.57 U
Cadmium*	590	1.1	0.44	1.3	0.89	0.57 U
Chromium ****	--	12 J	9.2 J	15 J	15 J	18 J
Copper*	330,000	67 J	33 J	37 J	48 J	26 J
Lead***	--	130 J	46 J	94 J	120 J	22
Mercury*	32	0.2	0.1	0.53	0.33	0.029
Nickel*	14,000	11 J	12 J	14 J	22 J	31 J
Selenium*	1.3	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Silver **	39	0.93 U	0.82 U	1 U	0.97 U	1.1 U
Thallium*	34	1.2	1.1	1.5	0.97 U	1.2
Zinc*	32,000	240 J	98 J	210 J	150 J	46 J
Total Cyanide*	120	0.26 U	0.25 U	0.32 U	0.3 U	0.3 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB25-003 12-14
TCL Volatiles (mg/kg)						
Acetone	16	0.056 U	0.056 U	0.12	0.11	0.058 U
Benzene	0.17	0.011 U	0.011 U	1.5	0.22	0.012 U
Bromodichloromethane	0.6	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Bromoform	0.8	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Bromomethane	1.2	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
2-Butanone	--	0.022 U	0.022 U	0.026	0.034 U	0.023 U
Carbon Disulfide	160	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Carbon Tetrachloride	0.33	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Chlorobenzene	6.5	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Chloroethane	--	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
Chloroform	2.9	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Chloromethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Dibromochloromethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,1-Dichloroethane	110	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,2-Dichloroethane	0.1	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,1-Dichloroethene	0.3	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
cis-1,2-Dichloroethene	1.1	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
trans-1,2-Dichloroethene	3.4	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,2-Dichloropropane	0.15	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
cis-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
trans-1,3-Dichloropropene	0.02	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Ethylbenzene	19	0.011 U	0.016	2.8	4.6	0.012 U
2-Hexanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
4-Methyl-2-Pentanone	--	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
Methylene Chloride	0.2	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
Styrene	18	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Tetrachloroethene	0.3	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Toluene	29	0.011 U	0.011 U	0.03	0.54	0.012 U
1,1,1-Trichloroethane	9.6	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
1,1,2-Trichloroethane	0.3	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Trichloroethene	0.3	0.011 U	0.011 U	0.0091 U	0.017 U	0.012 U
Vinyl Chloride	0.07	0.022 U	0.022 U	0.018 U	0.034 U	0.023 U
m,p-Xylene*	150	0.011 U	0.011 U	0.068	6.7	0.012 U
o-Xylene*	150	0.011 U	0.011 U	0.72	6.8	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB25-003 12-14
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Bis(2-chloroethyl)ether**	0.0004	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	2.1	1.7 U	0.36 U	1.2	0.42
4-Bromophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Butyl benzyl phthalate	930	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Carbazole	2.8	1.8 U	4.1	1.9	5.7	0.4 U
4-Chloro-3-methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
4-Chloroaniline	0.7	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2-Chloronaphthalene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2-Chlorophenol*	1.5	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
4-Chlorophenyl phenyl ether	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Dibenzofuran	--	1.8 U	1.7 U	0.84	4.7	0.4 U
1,2-Dichlorobenzene	43	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
1,3-Dichlorobenzene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
1,4-Dichlorobenzene	11	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
3,3´-Dichlorobenzidine**	0.033	3.7 U	3.5 U	0.72 U	0.81 U	0.8 U
2,4-Dichlorophenol*	0.48	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Diethyl phthalate	470	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Dimethyl phthalate	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Di-n-butyl phthalate	2,300	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2,4-Dimethylphenol	9	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
4,6-Dinitro-2-methylphenol	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
2,4-Dinitrophenol**	0.2	8.9 U	8.4 U	1.7 U	2 U	1.9 U
2,4-Dinitrotoluene**	0.0008	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2,6-Dinitrotoluene**	0.0007	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Di-n-octyl phthalate	10,000	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Hexachlorobenzene	11	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Hexachlorobutadiene	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Hexachlorocyclopentadiene	2,200	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Hexachloroethane	2.6	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
Isophorone	8	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2-Methylnaphthalene	--	1.8 U	1.7 U	4.1	58	0.4
2-Methylphenol	15	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
4-Methylphenol	--	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
3-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
4-Nitroaniline	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
Nitrobenzene**	0.1	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
4-Nitrophenol	--	8.9 U	8.4 U	1.7 U	2 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
N-Nitrosodiphenylamine	5.6	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.078 U	0.073 U	0.015 U	0.017 U	0.017 U
Pentachlorophenol**	0.10	8.9 U	8.4 U	1.7 U	2 U	1.9 U
Phenol	100	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
1,2,4-Trichlorobenzene	53	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U
2,4,5-Trichlorophenol*	26	3.7 U	3.5 U	0.72 U	0.81 U	0.8 U
2,4,6-Trichlorophenol*	0.07	1.8 U	1.7 U	0.36 U	0.41 U	0.4 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(5) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB23-001 1-2	SB24-001 1-2	SB25-001 1-2	SB25-002 3-5	SB25-003 12-14
PAHs (mg/kg)						
Acenaphthene	2,900	2.1	0.63	8.3	19	0.03 U
Acenaphthylene	--	5	0.34	6.1	8.9	0.03 U
Anthracene	59,000	4.1	2.1	8.1	16	0.03 U
Benzo(a)anthracene	8	5.9	0.29	8	14	0.03 U
Benzo(b)fluoranthene	25	3.1	1.5	4	7	0.03 U
Benzo(k)fluoranthene	250	3.2	1.3	3.3	7	0.03 U
Benzo(g,h,i)perylene	--	1.6	1.5	2.3	3.7	0.03 U
Benzo(a)pyrene	82	5	1.7	5.1	9.2	0.03 U
Chrysene	800	6.6	3.6	9.1	15	0.03 U
Dibenzo(a,h)anthracene	7.6	1.4 U	0.72	0.84	0.94	0.03 U
Fluoranthene	21,000	9.4	6.4	16	20	0.03 U
Fluorene	2,800	2.4	0.67	7	26	0.067
Indeno(1,2,3-cd)pyrene	69	1.4 U	1.4	2.1	3.1 U	0.03 U
Naphthalene	18	1.8	0.65	6.7	28	0.6
Phenanthrene	--	10	5.4	30	62	0.15
Pyrene	21,000	14	7	24	32	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.089 U	0.087 U	0.086 U	0.098 U	0.096 U
Aroclor 1221	--	0.089 U	0.087 U	0.086 U	0.098 U	0.096 U
Aroclor 1232	--	0.089 U	0.087 U	0.086 U	0.098 U	0.096 U
Aroclor 1242	--	0.95	1.1	0.086 U	0.098 U	0.096 U
Aroclor 1248	--	0.089 U	0.087 U	0.086 U	0.098 U	0.096 U
Aroclor 1254	--	0.72	0.9	0.17 U	0.2 U	0.19 U
Aroclor 1260	--	0.18 U	0.17 U	0.17 U	0.2 U	0.19 U
Total PCBs	--	2.206	2.518	0.770 U	0.890 U	0.860 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 J	1.1 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic*	120	5	2.5	3.2	7.8 J	11 J
Barium*	1,800	98 J	110 J	130 J	92 J	110 J
Beryllium*	130,000	0.76	0.62	0.76	1.3	1.2
Cadmium*	590	0.88	1.2	0.59	0.56 U	0.57 U
Chromium ****	--	10 J	13 J	7.8 J	17 J	18 J
Copper*	330,000	41 J	60 J	18 J	25 J	26 J
Lead***	--	140 J	150 J	61 J	58	17
Mercury*	32	0.21	0.2	0.17	0.35	0.03 U
Nickel*	14,000	13 J	12 J	6.9 J	29 J	28 J
Selenium*	1.3	0.99 U	0.96 U	1.1 U	1.1 U	1.1 U
Silver **	39	0.99 U	0.96 U	1.1 U	1.1 U	1.1 U
Thallium*	34	1.4	1.3	1.4	1.8	1.9
Zinc*	32,000	120 J	270 J	73 J	58 J	41 J
Total Cyanide*	120	0.28 U	0.22 U	0.27 U	0.26 U	0.31 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.
(8) Shaded value exceeds Tier 1 screening level.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-001 5-7	SB27-002 10-12	SB28-001 2-3	SB28-002 5-7	SB29-001 3-5
TCL Volatiles (mg/kg)						
Acetone	16	0.046	0.035 U	0.093	0.048	0.055 U
Benzene	0.17	0.0084 U	0.0069 U	0.041	0.0076 U	0.011 U
Bromodichloromethane	0.6	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Bromoform	0.8	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Bromomethane	1.2	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
2-Butanone	--	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
Carbon Disulfide	160	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Carbon Tetrachloride	0.33	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Chlorobenzene	6.5	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Chloroethane	--	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
Chloroform	2.9	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Chloromethane	--	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Dibromochloromethane	--	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,1-Dichloroethane	110	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,2-Dichloroethane	0.1	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,1-Dichloroethene	0.3	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
cis-1,2-Dichloroethene	1.1	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
trans-1,2-Dichloroethene	3.4	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,2-Dichloropropane	0.15	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
cis-1,3-Dichloropropene	0.02	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
trans-1,3-Dichloropropene	0.02	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Ethylbenzene	19	0.0084 U	0.0069 U	0.059	0.0076 U	0.011 U
2-Hexanone	--	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
4-Methyl-2-Pentanone	--	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
Methylene Chloride	0.2	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
Styrene	18	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Tetrachloroethene	0.3	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Toluene	29	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,1,1-Trichloroethane	9.6	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
1,1,2-Trichloroethane	0.3	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Trichloroethene	0.3	0.0084 U	0.0069 U	0.0087 U	0.0076 U	0.011 U
Vinyl Chloride	0.07	0.017 U	0.014 U	0.017 U	0.015 U	0.022 U
m,p-Xylene*	150	0.0084 U	0.0069 U	0.012	0.0076 U	0.011 U
o-Xylene*	150	0.0084 U	0.0069 U	0.015	0.0076 U	0.011 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-001 5-7	SB27-002 10-12	SB28-001 2-3	SB28-002 5-7	SB29-001 3-5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.38 U	0.45	0.4 U	0.39 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Butyl benzyl phthalate	930	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Carbazole	2.8	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
4-Chloroaniline	0.7	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2-Chlorophenol*	1.5	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Dibenzofuran	--	0.38 U	0.38 U	0.5	0.4 U	0.39 U
1,2-Dichlorobenzene	43	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
1,4-Dichlorobenzene	11	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.76 U	0.76 U	0.78 U	0.79 U	0.78 U
2,4-Dichlorophenol*	0.48	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Diethyl phthalate	470	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Di-n-butyl phthalate	2,300	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2,4-Dimethylphenol	9	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol**	0.2	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Di-n-octyl phthalate	10,000	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Hexachlorobenzene	11	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Hexachloroethane	2.6	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Isophorone	8	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2-Methylnaphthalene	--	0.38 U	0.38 U	1.1	0.4 U	0.39 U
2-Methylphenol	15	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
4-Methylphenol	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene**	0.1	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
Pentachlorophenol**	0.10	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	100	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
1,2,4-Trichlorobenzene	53	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U
2,4,5-Trichlorophenol*	26	0.76 U	0.76 U	0.78 U	0.79 U	0.78 U
2,4,6-Trichlorophenol*	0.07	0.38 U	0.38 U	0.39 U	0.4 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB27-001 5-7	SB27-002 10-12	SB28-001 2-3	SB28-002 5-7	SB29-001 3-5
PAHs (mg/kg)						
Acenaphthene	2,900	0.029 U	0.029 U	1.7	0.03 U	0.035
Acenaphthylene	--	0.029 U	0.029 U	1.4	0.03 U	0.029 U
Anthracene	59,000	0.029 U	0.029 U	3.5	0.03 U	0.038
Benzo(a)anthracene	8	0.029 U	0.029 U	1.1	0.03 U	0.029 U
Benzo(b)fluoranthene	25	0.029 U	0.029 U	1.8	0.03 U	0.029 U
Benzo(k)fluoranthene	250	0.029 U	0.029 U	1.9	0.03 U	0.029 U
Benzo(g,h,i)perylene	--	0.029 U	0.029 U	3	0.03 U	0.029 U
Benzo(a)pyrene	82	0.029 U	0.029 U	2.6	0.03 U	0.029 U
Chrysene	800	0.029 U	0.029 U	3.8	0.03 U	0.052
Dibenzo(a,h)anthracene	7.6	0.029 U	0.029 U	0.89	0.03 U	0.029 U
Fluoranthene	21,000	0.029 U	0.029 U	0.051	0.03 U	0.029
Fluorene	2,800	0.029 U	0.029 U	1.1	0.03 U	0.033
Indeno(1,2,3-cd)pyrene	69	0.029 U	0.029 U	1.9	0.03 U	0.029 U
Naphthalene	18	0.029 U	0.029 U	1.4	0.03 U	0.094
Phenanthrene	--	0.031	0.047	0.038	0.03 U	0.14
Pyrene	21,000	0.029 U	0.029 U	0.097	0.03 U	0.044
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.093 U	0.093 U	0.096 U	0.094 U
Aroclor 1221	--	0.094 U	0.093 U	0.093 U	0.096 U	0.094 U
Aroclor 1232	--	0.094 U	0.093 U	0.093 U	0.096 U	0.094 U
Aroclor 1242	--	0.094 U	0.093 U	0.34	0.14	0.094 U
Aroclor 1248	--	0.094 U	0.093 U	0.093 U	0.096 U	0.094 U
Aroclor 1254	--	0.19 U	0.19 U	0.2	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	--	0.850 U	0.845 U	1.102	0.904	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic*	120	7.1 J	7 J	6.1	9.2 J	11 J
Barium*	1,800	32 J	39 J	67 J	41 J	41 J
Beryllium*	130,000	0.53 U	0.55 U	0.55 U	0.57 U	0.57 U
Cadmium*	590	0.53 U	0.55 U	0.71	0.57 U	0.57 U
Chromium ****	--	16 J	17 J	14 J	18 J	18 J
Copper*	330,000	39 J	29 J	42 J	27 J	30 J
Lead***	--	20	19	120 J	31	23
Mercury*	32	0.028 U	0.028 U	0.53	0.049	0.031
Nickel*	14,000	31 J	30 J	20 J	33 J	38 J
Selenium*	1.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Silver **	39	12	1.1 U	1.1 U	1.1 U	1.1 U
Thallium*	34	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Zinc*	32,000	50 J	42 J	150 J	61 J	46 J
Total Cyanide*	120	0.28 U	0.27 U	0.29 U	0.3 U	0.28 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB29-002 12-14	SB31-001 2-3	SB31-002 6-8	SB32-001 2-3	SB32-002 3-5
TCL Volatiles (mg/kg)						
Acetone	16	0.067 U	0.03	0.064 U	0.067 U	0.081 U
Benzene	0.17	0.013 U	0.024	0.013 U	5.2	0.77
Bromodichloromethane	0.6	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Bromoform	0.8	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Bromomethane	1.2	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
2-Butanone	--	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
Carbon Disulfide	160	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Carbon Tetrachloride	0.33	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Chlorobenzene	6.5	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Chloroethane	--	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
Chloroform	2.9	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Chloromethane	--	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Dibromochloromethane	--	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,1-Dichloroethane	110	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,2-Dichloroethane	0.1	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,1-Dichloroethene	0.3	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
cis-1,2-Dichloroethene	1.1	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
trans-1,2-Dichloroethene	3.4	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,2-Dichloropropane	0.15	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
cis-1,3-Dichloropropene	0.02	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
trans-1,3-Dichloropropene	0.02	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Ethylbenzene	19	0.013 U	0.038	0.013 U	1.5	2
2-Hexanone	--	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
4-Methyl-2-Pentanone	--	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
Methylene Chloride	0.2	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
Styrene	18	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,1,2,2-Tetrachloroethane	--	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Tetrachloroethene	0.3	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Toluene	29	0.013 U	0.032	0.013 U	0.77	0.016 U
1,1,1-Trichloroethane	9.6	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
1,1,2-Trichloroethane	0.3	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Trichloroethene	0.3	0.013 U	0.0042 U	0.013 U	0.013 U	0.016 U
Vinyl Chloride	0.07	0.027 U	0.0084 U	0.026 U	0.027 U	0.033 U
m,p-Xylene*	150	0.013 U	0.047	0.013 U	0.62	0.057
o-Xylene*	150	0.013 U	0.029	0.013 U	0.47	0.034

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) Shaded value exceeds Tier 1 screening level.
(4) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB29-002 12-14	SB31-001 2-3	SB31-002 6-8	SB32-001 2-3	SB32-002 3-5
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.33 U	0.37 U	0.99	0.87
4-Bromophenyl phenyl ether	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Carbazole	2.8	0.39 U	0.33 U	0.37 U	0.46	1.3
4-Chloro-3-methylphenol	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
4-Chloroaniline	0.7	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Chlorophenol*	1.5	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Dibenzofuran	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
1,2-Dichlorobenzene	43	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
1,4-Dichlorobenzene	11	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.78 U	0.33 U	0.74 U	0.66 U	0.78 U
2,4-Dichlorophenol*	0.48	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Diethyl phthalate	470	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2,4-Dimethylphenol	9	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
2,4-Dinitrophenol**	0.2	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Hexachlorobenzene	11	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Hexachloroethane	2.6	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
Isophorone	8	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Methylphenol	15	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
4-Methylphenol	--	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Nitroaniline	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
3-Nitroaniline	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
4-Nitroaniline	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
Nitrobenzene**	0.1	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2-Nitrophenol	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
4-Nitrophenol	--	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.39 U	0.33 U	0.016 U	0.014 U	0.017 U
Pentachlorophenol**	0.10	1.9 U	1.7 U	1.8 U	1.6 U	1.9 U
Phenol	100	0.39 U	15	0.37 U	0.33 U	0.39 U
1,2,4-Trichlorobenzene	53	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U
2,4,5-Trichlorophenol*	26	0.78 U	0.66 U	0.74 U	0.66 U	0.78 U
2,4,6-Trichlorophenol*	0.07	0.39 U	0.33 U	0.37 U	0.33 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB29-002 12-14	SB31-001 2-3	SB31-002 6-8	SB32-001 2-3	SB32-002 3-5
PAHs (mg/kg)						
Acenaphthene	2,900	0.029 U	0.44	0.028 U	0.8	0.84
Acenaphthylene	--	0.029 U	0.13 U	0.029	1.2	0.99
Anthracene	59,000	0.029 U	0.7	0.047	1.5	0.98
Benzo(a)anthracene	8	0.029 U	0.2	0.028 U	2.7	1.8
Benzo(b)fluoranthene	25	0.029 U	0.84	0.028 U	1.2	0.87
Benzo(k)fluoranthene	250	0.029 U	0.48	0.028 U	0.76	0.75
Benzo(g,h,i)perylene	--	0.029 U	1.5	0.028 U	0.61	0.38
Benzo(a)pyrene	82	0.029 U	0.91	0.028 U	1.7	1.1
Chrysene	800	0.029 U	1.5	0.075	2.5	1.7
Dibenzo(a,h)anthracene	7.6	0.029 U	0.13 U	0.028 U	0.25 U	0.3 U
Fluoranthene	21,000	0.029 U	0.67	0.075	3.4	2.8
Fluorene	2,800	0.029 U	0.53	0.03	1	0.87
Indeno(1,2,3-cd)pyrene	69	0.029 U	1.1	0.028 U	0.56	0.34
Naphthalene	18	0.029 U	0.68	0.11	0.25 U	2.1
Phenanthrene	--	0.036	2	0.17	3.8	3.7
Pyrene	21,000	0.029 U	1.1	0.13	4.6	4
PCBs (mg/kg)						
Aroclor 1016	--	0.095 U	0.083 U	0.093 U	0.085 U	0.093 U
Aroclor 1221	--	0.095 U	0.083 U	0.093 U	0.085 U	0.093 U
Aroclor 1232	--	0.095 U	0.083 U	0.093 U	0.085 U	0.093 U
Aroclor 1242	--	0.095 U	3.7	0.093 U	1.3	0.15
Aroclor 1248	--	0.095 U	0.083 U	0.093 U	0.085 U	0.093 U
Aroclor 1254	--	0.19 U	1.8	0.19 U	1.1	0.19 U
Aroclor 1260	--	0.19 U	0.17 U	0.19 U	0.17 U	0.19 U
Total PCBs	--	0.855 U	6.002	0.845 U	2.910	0.902
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1 UJ	1.1 UJ	1.1 J	1.1 J
Arsenic*	120	7.2 J	5	12 J	4.8	3.4 J
Barium*	1,800	38 J	43 J	31 J	110 J	80 J
Beryllium*	130,000	0.55 U	0.62	0.93	1	0.9
Cadmium*	590	0.55 U	1.2	0.55 U	1.2	0.7
Chromium ****	--	17 J	16 J	19 J	29 J	13 J
Copper*	330,000	27 J	33 J	29 J	91 J	35 J
Lead***	--	18	120 J	18	190 J	65
Mercury*	32	0.032	0.25	0.037	0.21	0.052
Nickel*	14,000	32 J	18 J	31 J	18 J	11 J
Selenium*	1.3	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Silver **	39	1.1 U	1 U	1.1 U	0.98 U	1.1 U
Thallium*	34	1.1 U	1 U	1.2	1.3	1.5
Zinc*	32,000	50 J	200 J	45 J	260 J	88 J
Total Cyanide*	120	0.29 U	0.24 U	0.27 U	0.25 U	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB33-001 0-0.5	SB33-002 5-7	SB33-003 10-12	SP34-001 0-0.5	SP34-002 5-7
TCL Volatiles (mg/kg)						
Acetone	16	0.042 U	0.12	0.064 U	0.041 U	0.14
Benzene	0.17	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Bromodichloromethane	0.6	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Bromoform	0.8	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Bromomethane	1.2	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
2-Butanone	--	0.017 U	0.027	0.026 U	0.017 U	0.024 U
Carbon Disulfide	160	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Carbon Tetrachloride	0.33	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Chlorobenzene	6.5	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Chloroethane	--	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
Chloroform	2.9	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Chloromethane	--	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Dibromochloromethane	--	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,1-Dichloroethane	110	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,2-Dichloroethane	0.1	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,1-Dichloroethene	0.3	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
cis-1,2-Dichloroethene	1.1	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
trans-1,2-Dichloroethene	3.4	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,2-Dichloropropane	0.15	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
cis-1,3-Dichloropropene	0.02	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
trans-1,3-Dichloropropene	0.02	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Ethylbenzene	19	0.01	0.012 U	0.013 U	0.015	0.012 U
2-Hexanone	--	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
4-Methyl-2-Pentanone	--	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
Methylene Chloride	0.2	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
Styrene	18	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Tetrachloroethene	0.3	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Toluene	29	0.0084 U	0.012 U	0.013 U	0.013	0.012 U
1,1,1-Trichloroethane	9.6	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
1,1,2-Trichloroethane	0.3	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Trichloroethene	0.3	0.0084 U	0.012 U	0.013 U	0.0083 U	0.012 U
Vinyl Chloride	0.07	0.017 U	0.024 U	0.026 U	0.017 U	0.024 U
m,p-Xylene*	150	0.0084 U	0.012 U	0.013 U	0.043	0.012 U
o-Xylene*	150	0.0084 U	0.025	0.013 U	0.033	0.012 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB33-001 0-0.5	SB33-002 5-7	SB33-003 10-12	SP34-001 0-0.5	SP34-002 5-7
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Bis(2-chloroethyl)ether**	0.0004	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	2 U	0.4 U	0.39 U	2	0.4 U
4-Bromophenyl phenyl ether	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Butyl benzyl phthalate	930	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Carbazole	2.8	2 U	0.4 U	0.39 U	1.8 U	0.4 U
4-Chloro-3-methylphenol	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
4-Chloroaniline	0.7	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Chloronaphthalene	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Chlorophenol*	1.5	2 U	0.4 U	0.39 U	1.8 U	0.4 U
4-Chlorophenyl phenyl ether	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Dibenzofuran	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
1,2-Dichlorobenzene	43	2 U	0.4 U	0.39 U	1.8 U	0.4 U
1,3-Dichlorobenzene	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
1,4-Dichlorobenzene	11	2 U	0.4 U	0.39 U	1.8 U	0.4 U
3,3´-Dichlorobenzidine**	0.033	4.1 U	0.81 U	0.79 U	3.5 U	0.8 U
2,4-Dichlorophenol*	0.48	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Diethyl phthalate	470	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Dimethyl phthalate	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Di-n-butyl phthalate	2,300	6.3	0.4 U	0.39 U	1.8 U	0.4 U
2,4-Dimethylphenol	9	2 U	0.4 U	0.39 U	1.8 U	0.4 U
4,6-Dinitro-2-methylphenol	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
2,4-Dinitrophenol**	0.2	9.9 U	2 U	1.9 U	8.6 U	1.9 U
2,4-Dinitrotoluene**	0.0008	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2,6-Dinitrotoluene**	0.0007	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Di-n-octyl phthalate	10,000	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Hexachlorobenzene	11	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Hexachlorobutadiene	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Hexachlorocyclopentadiene	2,200	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Hexachloroethane	2.6	2 U	0.4 U	0.39 U	1.8 U	0.4 U
Isophorone	8	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Methylnaphthalene	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Methylphenol	15	2 U	0.4 U	0.39 U	1.8 U	0.4 U
4-Methylphenol	--	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Nitroaniline	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
3-Nitroaniline	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
4-Nitroaniline	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
Nitrobenzene**	0.1	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2-Nitrophenol	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
4-Nitrophenol	--	9.9 U	2 U	1.9 U	8.6 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	2 U	0.4 U	0.39 U	1.8 U	0.4 U
N-Nitrosodiphenylamine	5.6	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2, 2'-Oxybis(1-Chloropropane)	--	0.087 U	0.017 U	0.017 U	0.075 U	0.017 U
Pentachlorophenol**	0.10	9.9 U	2 U	1.9 U	8.6 U	1.9 U
Phenol	100	2 U	0.4 U	0.39 U	1.8 U	0.4 U
1,2,4-Trichlorobenzene	53	2 U	0.4 U	0.39 U	1.8 U	0.4 U
2,4,5-Trichlorophenol*	26	4.1 U	0.81 U	0.79 U	3.5 U	0.8 U
2,4,6-Trichlorophenol*	0.07	2 U	0.4 U	0.39 U	1.8 U	0.4 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SB33-001 0-0.5	SB33-002 5-7	SB33-003 10-12	SP34-001 0-0.5	SP34-002 5-7
PAHs (mg/kg)						
Acenaphthene	2,900	1.5 U	0.031 U	0.03 U	0.13 U	0.12
Acenaphthylene	--	1.6	0.031 U	0.03 U	0.19	0.086
Anthracene	59,000	1.8	0.031 U	0.03 U	0.36	0.17
Benzo(a)anthracene	8	2.8	0.031 U	0.03 U	0.13 U	0.094
Benzo(b)fluoranthene	25	1.7	0.031 U	0.03 U	0.24	0.13
Benzo(k)fluoranthene	250	1.5 U	0.031 U	0.03 U	0.24	0.14
Benzo(g,h,i)perylene	--	1.5 U	0.031 U	0.03 U	0.57	0.36
Benzo(a)pyrene	82	1.8	0.031 U	0.03 U	0.13	0.14
Chrysene	800	3.2	0.031 U	0.041	0.75	0.39
Dibenzo(a,h)anthracene	7.6	1.5 U	0.031 U	0.03 U	0.13 U	0.11
Fluoranthene	21,000	3.7	0.031 U	0.039	0.21	0.33
Fluorene	2,800	1.5 U	0.031 U	0.03 U	0.13 U	0.31
Indeno(1,2,3-cd)pyrene	69	1.5 U	0.031 U	0.03 U	0.29	0.24
Naphthalene	18	2.1	0.14	0.042	0.38	0.03 U
Phenanthrene	--	4.1	0.076	0.083	1.3	0.13
Pyrene	21,000	5.5	0.047	0.033	0.36	1.2
PCBs (mg/kg)						
Aroclor 1016	--	0.088 U	0.096 U	0.094 U	0.87 U	0.098 U
Aroclor 1221	--	0.088 U	0.096 U	0.094 U	0.87 U	0.098 U
Aroclor 1232	--	0.088 U	0.096 U	0.094 U	0.87 U	0.098 U
Aroclor 1242	--	2.5	0.096 U	0.094 U	0.87 U	0.098 U
Aroclor 1248	--	0.088 U	0.096 U	0.094 U	0.87 U	0.098 U
Aroclor 1254	--	2.2	0.19 U	0.19 U	1.7 U	0.2 U
Aroclor 1260	--	0.18 U	0.19 U	0.19 U	1.7 U	0.2 U
Total PCBs	--	5.232	0.860 U	0.850 U	7.750 U	0.890 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1.1 UJ	1.1 UJ	1 UJ	1.2 UJ
Arsenic*	120	5.9	5.1 J	17 J	1.2	7.5 J
Barium*	1,800	100 J	97 J	63 J	59 J	100 J
Beryllium*	130,000	0.86	1.2	1	0.57	1.3
Cadmium*	590	0.59	0.59	0.54 U	0.54	0.59 U
Chromium ****	--	11 J	17 J	16 J	5.1 J	21 J
Copper*	330,000	43 J	31 J	55 J	6.8 J	28 J
Lead***	--	140 J	17	30	25 J	19
Mercury*	32	0.28	0.046	0.023 U	0.026 U	0.031 U
Nickel*	14,000	12 J	26 J	30 J	7.4 J	33 J
Selenium*	1.3	1.1 U	1.1 U	1.1 U	1 U	1.2 U
Silver **	39	1.1 U	1.1 U	1.1 U	1 U	1.2 U
Thallium*	34	1.5	1.9	2	1.3	2.1
Zinc*	32,000	69 J	54 J	43 J	29 J	53 J
Total Cyanide*	120	0.29 U	0.34 U	0.29 U	0.27 U	0.31 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-001 1-2	SP35-002 6-7	SP35-003 12-13	SP37-001 1-2	SP37-002 8-9
TCL Volatiles (mg/kg)						
Acetone	16	0.14	0.13	0.042 U	0.044 U	0.082
Benzene	0.17	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Bromodichloromethane	0.6	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Bromoform	0.8	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Bromomethane	1.2	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
2-Butanone	--	0.015	0.027	0.017 U	0.018 U	0.02 U
Carbon Disulfide	160	0.013	0.012 U	0.0084 U	0.0088 U	0.0099 U
Carbon Tetrachloride	0.33	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Chlorobenzene	6.5	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Chloroethane	--	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
Chloroform	2.9	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Chloromethane	--	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Dibromochloromethane	--	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,1-Dichloroethane	110	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,2-Dichloroethane	0.1	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,1-Dichloroethene	0.3	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
cis-1,2-Dichloroethene	1.1	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
trans-1,2-Dichloroethene	3.4	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,2-Dichloropropane	0.15	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
cis-1,3-Dichloropropene	0.02	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
trans-1,3-Dichloropropene	0.02	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Ethylbenzene	19	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
2-Hexanone	--	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
4-Methyl-2-Pentanone	--	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
Methylene Chloride	0.2	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
Styrene	18	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,1,2,2-Tetrachloroethane	--	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Tetrachloroethene	0.3	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Toluene	29	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,1,1-Trichloroethane	9.6	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
1,1,2-Trichloroethane	0.3	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Trichloroethene	0.3	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
Vinyl Chloride	0.07	0.014 U	0.023 U	0.017 U	0.018 U	0.02 U
m,p-Xylene*	150	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U
o-Xylene*	150	0.0071 U	0.012 U	0.0084 U	0.0088 U	0.0099 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-001 1-2	SP35-002 6-7	SP35-003 12-13	SP37-001 1-2	SP37-002 8-9
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	5.6	0.39 U	0.39 U	0.42 U	0.39 U
4-Bromophenyl phenyl ether	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Butyl benzyl phthalate	930	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Carbazole	2.8	0.47	0.39 U	0.39 U	0.67	0.39 U
4-Chloro-3-methylphenol	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
4-Chloroaniline	0.7	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Chloronaphthalene	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Chlorophenol*	1.5	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Dibenzofuran	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
1,2-Dichlorobenzene	43	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
1,3-Dichlorobenzene	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
1,4-Dichlorobenzene	11	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.71 U	0.79 U	0.77 U	0.85 U	0.77 U
2,4-Dichlorophenol*	0.48	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Diethyl phthalate	470	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Dimethyl phthalate	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Di-n-butyl phthalate	2,300	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2,4-Dimethylphenol	9	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrophenol**	0.2	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Di-n-octyl phthalate	10,000	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Hexachlorobenzene	11	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Hexachlorobutadiene	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Hexachloroethane	2.6	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
Isophorone	8	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Methylnaphthalene	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Methylphenol	15	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
4-Methylphenol	--	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Nitroaniline	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
3-Nitroaniline	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
4-Nitroaniline	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
Nitrobenzene**	0.1	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2-Nitrophenol	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
4-Nitrophenol	--	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.015 U	0.017 U	0.016 U	0.018 U	0.016 U
Pentachlorophenol**	0.10	1.7 U	1.9 U	1.9 U	2.1 U	1.9 U
Phenol	100	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
1,2,4-Trichlorobenzene	53	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U
2,4,5-Trichlorophenol*	26	0.71 U	0.79 U	0.77 U	0.85 U	0.77 U
2,4,6-Trichlorophenol*	0.07	0.36 U	0.39 U	0.39 U	0.42 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP35-001 1-2	SP35-002 6-7	SP35-003 12-13	SP37-001 1-2	SP37-002 8-9
PAHs (mg/kg)						
Acenaphthene	2,900	0.11	0.03 U	0.029 U	0.13	0.029 U
Acenaphthylene	--	0.082	0.03 U	0.029 U	0.074	0.029 U
Anthracene	59,000	0.15	0.03 U	0.029 U	0.33	0.029 U
Benzo(a)anthracene	8	0.19	0.064	0.029 U	0.17	0.029 U
Benzo(b)fluoranthene	25	0.47	0.041	0.029 U	0.38	0.029 U
Benzo(k)fluoranthene	250	0.53	0.056	0.029 U	0.87	0.029 U
Benzo(g,h,i)perylene	--	0.57	0.037	0.029 U	0.35	0.029 U
Benzo(a)pyrene	82	0.33	0.072	0.029 U	0.32	0.029 U
Chrysene	800	0.71	0.066	0.029 U	1.1	0.029 U
Dibenzo(a,h)anthracene	7.6	0.076	0.03 U	0.029 U	0.19	0.029 U
Fluoranthene	21,000	0.55	0.074	0.029 U	2	0.029 U
Fluorene	2,800	0.086	0.03 U	0.029 U	0.12	0.029 U
Indeno(1,2,3-cd)pyrene	69	0.18	0.036	0.029 U	0.36	0.029 U
Naphthalene	18	0.16	0.03 U	0.029 U	0.18	0.056
Phenanthrene	--	0.7	0.03 U	0.029 U	1	0.029 U
Pyrene	21,000	0.63	0.074	0.029 U	2.1	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.086 U	0.095 U	0.095 U	0.1 U	0.092 U
Aroclor 1221	--	0.086 U	0.095 U	0.095 U	0.1 U	0.092 U
Aroclor 1232	--	0.086 U	0.095 U	0.095 U	0.1 U	0.092 U
Aroclor 1242	--	8.5	0.095 U	0.095 U	0.1 U	0.092 U
Aroclor 1248	--	0.086 U	0.095 U	0.095 U	0.1 U	0.092 U
Aroclor 1254	--	6	0.19 U	0.19 U	0.2 U	0.18 U
Aroclor 1260	--	0.17 U	0.19 U	0.19 U	0.2 U	0.18 U
Total PCBs	--	15.014	0.855 U	0.855 U	0.900 U	0.820 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	6.5 J	1.1 UJ	1.1 UJ	1.2 UJ	0.97 UJ
Arsenic*	120	20	5.8 J	12 J	7.2	15 J
Barium*	1,800	520 J	98 J	89 J	120 J	98 J
Beryllium*	130,000	1.4	0.83	1.1	1.1	1.2
Cadmium*	590	8.1	0.56 U	0.56 U	0.72	0.53
Chromium ****	--	320 J	11 J	20 J	19 J	20 J
Copper*	330,000	480 J	11 J	30 J	28 J	38 J
Lead***	--	1400 J	36	25	61 J	22
Mercury*	32	2.6	0.14	0.024 U	0.33	0.026 U
Nickel*	14,000	210 J	12 J	35 J	26 J	38 J
Selenium*	1.3	0.99 U	1.1 U	1.1 U	1.2 U	0.97 U
Silver **	39	1	1.1 U	1.1 U	1.2 U	0.97 U
Thallium*	34	1.3	2	2.2	2	2
Zinc*	32,000	1600 J	40 J	49 J	73 J	46 J
Total Cyanide*	120	0.28 U	0.29 U	0.24 U	0.35 U	0.25 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP37-003 12-13	SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP39-003 10-11
TCL Volatiles (mg/kg)						
Acetone	16	0.066 J	0.12 J	0.036 U	0.11	0.047 U
Benzene	0.17	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Bromodichloromethane	0.6	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Bromoform	0.8	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Bromomethane	1.2	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
2-Butanone	--	0.023 U	0.029 UJ	0.014 U	0.027	0.019 U
Carbon Disulfide	160	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Carbon Tetrachloride	0.33	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Chlorobenzene	6.5	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Chloroethane	--	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
Chloroform	2.9	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Chloromethane	--	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Dibromochloromethane	--	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,1-Dichloroethane	110	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,2-Dichloroethane	0.1	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,1-Dichloroethene	0.3	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
cis-1,2-Dichloroethene	1.1	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
trans-1,2-Dichloroethene	3.4	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,2-Dichloropropane	0.15	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
cis-1,3-Dichloropropene	0.02	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
trans-1,3-Dichloropropene	0.02	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Ethylbenzene	19	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
2-Hexanone	--	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
4-Methyl-2-Pentanone	--	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
Methylene Chloride	0.2	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
Styrene	18	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,1,2,2-Tetrachloroethane	--	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Tetrachloroethene	0.3	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Toluene	29	0.012 U	0.014 UJ	0.008	0.013 U	0.0094 U
1,1,1-Trichloroethane	9.6	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
1,1,2-Trichloroethane	0.3	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Trichloroethene	0.3	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
Vinyl Chloride	0.07	0.023 U	0.029 UJ	0.014 U	0.026 U	0.019 U
m,p-Xylene*	150	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U
o-Xylene*	150	0.012 U	0.014 UJ	0.0071 U	0.013 U	0.0094 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP37-003 12-13	SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP39-003 10-11
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Bis(2-chloroethyl)ether**	0.0004	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
4-Bromophenyl phenyl ether	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Butyl benzyl phthalate	930	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Carbazole	2.8	0.38 U	0.53	1.7 U	0.4 U	0.38 U
4-Chloro-3-methylphenol	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
4-Chloroaniline	0.7	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2-Chloronaphthalene	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2-Chlorophenol*	1.5	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Dibenzofuran	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
1,2-Dichlorobenzene	43	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
1,3-Dichlorobenzene	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
1,4-Dichlorobenzene	11	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
3,3´-Dichlorobenzidine**	0.033	0.75 U	0.83 U	3.5 U	0.8 U	0.77 U
2,4-Dichlorophenol*	0.48	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Diethyl phthalate	470	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Dimethyl phthalate	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Di-n-butyl phthalate	2,300	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2,4-Dimethylphenol	9	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
2,4-Dinitrophenol**	0.2	1.8 U	2 U	8.4 U	1.9 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2,6-Dinitrotoluene**	0.0007	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Di-n-octyl phthalate	10,000	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Hexachlorobenzene	11	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Hexachlorobutadiene	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Hexachloroethane	2.6	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
Isophorone	8	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2-Methylnaphthalene	--	0.38 U	1.7	1.7 U	0.4 U	0.38 U
2-Methylphenol	15	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
4-Methylphenol	--	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2-Nitroaniline	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
3-Nitroaniline	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
4-Nitroaniline	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
Nitrobenzene**	0.1	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2-Nitrophenol	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
4-Nitrophenol	--	1.8 U	2 U	8.4 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
N-Nitrosodiphenylamine	5.6	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.018 U	0.074 U	0.017 U	0.016 U
Pentachlorophenol**	0.10	1.8 U	2 U	8.4 U	1.9 U	1.9 U
Phenol	100	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
1,2,4-Trichlorobenzene	53	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U
2,4,5-Trichlorophenol*	26	0.75 U	0.83 U	3.5 U	0.8 U	0.77 U
2,4,6-Trichlorophenol*	0.07	0.38 U	0.42 U	1.7 U	0.4 U	0.38 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP37-003 12-13	SB38-001 5-7	SP39-001 1-2	SP39-002 5-6	SP39-003 10-11
PAHs (mg/kg)						
Acenaphthene	2,900	0.028 U	0.42	1.3 U	0.056	0.029 U
Acenaphthylene	--	0.028 U	0.37	1.3 U	0.03 U	0.029 U
Anthracene	59,000	0.028 U	1.7	1.3 U	0.29	0.03
Benzo(a)anthracene	8	0.028 U	1.9	1.3 U	0.13	0.029 U
Benzo(b)fluoranthene	25	0.028 U	1.1	1.3 U	0.58	0.029 U
Benzo(k)fluoranthene	250	0.028 U	0.96	1.3 U	0.65	0.029 U
Benzo(g,h,i)perylene	--	0.028 U	0.46	1.3 U	0.31	0.029 U
Benzo(a)pyrene	82	0.028 U	0.89	1.3 U	0.64	0.029 U
Chrysene	800	0.028 U	2.3	1.3 U	1.1	0.056
Dibenzo(a,h)anthracene	7.6	0.028 U	0.15	1.3 U	0.23	0.029 U
Fluoranthene	21,000	0.028 U	4.1	1.3 U	1.6	0.081
Fluorene	2,800	0.028 U	0.7	1.3 U	0.056	0.029 U
Indeno(1,2,3-cd)pyrene	69	0.028 U	0.38	1.3 U	0.3 U	0.029 U
Naphthalene	18	0.028 U	2	1.3 U	0.032	0.029 U
Phenanthrene	--	0.028 U	5.7	1.3	0.81	0.071
Pyrene	21,000	0.028 U	4.7	2	1.7	0.076
PCBs (mg/kg)						
Aroclor 1016	--	0.092 U	0.1 U	0.087 U	0.1 U	0.095 U
Aroclor 1221	--	0.092 U	0.1 U	0.087 U	0.1 U	0.095 U
Aroclor 1232	--	0.092 U	0.1 U	0.087 U	0.1 U	0.095 U
Aroclor 1242	--	0.092 U	0.1 U	0.087 U	0.1 U	0.14
Aroclor 1248	--	0.092 U	0.1 U	0.087 U	0.1 U	0.095 U
Aroclor 1254	--	0.18 U	0.2 U	0.17 U	0.2 U	0.19 U
Aroclor 1260	--	0.18 U	0.2 U	0.17 U	0.2 U	0.19 U
Total PCBs	--	0.820 U	0.900 U	0.775 U	0.900 U	0.900
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.2 UJ	1.3 UJ	1.1 UJ	6 J	1 UJ
Arsenic*	120	7.7 J	7.7 J	1.7	10 J	8.1 J
Barium*	1,800	85 J	49 J	57 J	140 J	83 J
Beryllium*	130,000	1.1	1.1	0.59	1.1	1.1
Cadmium*	590	0.59 U	0.69	0.95	1	0.51 U
Chromium ****	--	19 J	22 J	5.6 J	11 J	19 J
Copper*	330,000	25 J	33 J	9.1 J	59 J	30 J
Lead***	--	17	40	23 J	970	19
Mercury*	32	0.029 U	0.051	0.025 U	6.2	0.027
Nickel*	14,000	25 J	28 J	8.8 J	13 J	29 J
Selenium*	1.3	1.2 U	1.3 U	1.1 U	1.1 U	1 U
Silver **	39	1.2 U	1.3 U	1.1 U	1.1 U	1 U
Thallium*	34	1.8	1.5	1.4	1.6	1.9
Zinc*	32,000	37 J	88 J	33 J	200 J	40 J
Total Cyanide*	120	0.31 U	0.33 U	0.28 U	0.31 U	0.3 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP40-002 7-8	SP40-003 14-15	SP43-001 2-3	SP43-002 3.5-4.5	SP43-003 11-12
TCL Volatiles (mg/kg)						
Acetone	16	0.071	0.043 U	0.15	0.063 U	0.041 U
Benzene	0.17	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Bromodichloromethane	0.6	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Bromoform	0.8	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Bromomethane	1.2	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
2-Butanone	--	0.02 U	0.017 U	0.031	0.025 U	0.017 U
Carbon Disulfide	160	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Carbon Tetrachloride	0.33	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Chlorobenzene	6.5	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Chloroethane	--	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
Chloroform	2.9	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Chloromethane	--	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Dibromochloromethane	--	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,1-Dichloroethane	110	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,2-Dichloroethane	0.1	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,1-Dichloroethene	0.3	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
cis-1,2-Dichloroethene	1.1	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
trans-1,2-Dichloroethene	3.4	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,2-Dichloropropane	0.15	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
cis-1,3-Dichloropropene	0.02	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
trans-1,3-Dichloropropene	0.02	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Ethylbenzene	19	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
2-Hexanone	--	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
4-Methyl-2-Pentanone	--	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
Methylene Chloride	0.2	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
Styrene	18	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Tetrachloroethene	0.3	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Toluene	29	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,1,1-Trichloroethane	9.6	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
1,1,2-Trichloroethane	0.3	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Trichloroethene	0.3	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
Vinyl Chloride	0.07	0.02 U	0.017 U	0.027 U	0.025 U	0.017 U
m,p-Xylene*	150	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U
o-Xylene*	150	0.01 U	0.0087 U	0.013 U	0.013 U	0.0083 U

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP40-002 7-8	SP40-003 14-15	SP43-001 2-3	SP43-002 3.5-4.5	SP43-003 11-12
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether**	0.0004	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Carbazole	2.8	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4-Chloroaniline	0.7	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2-Chlorophenol*	1.5	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Dibenzofuran	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
1,2-Dichlorobenzene	43	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
1,4-Dichlorobenzene	11	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
3,3´-Dichlorobenzidine**	0.033	0.77 U	0.77 U	0.85 U	0.78 U	0.78 U
2,4-Dichlorophenol*	0.48	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Diethyl phthalate	470	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2,4-Dimethylphenol	9	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
2,4-Dinitrophenol**	0.2	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
2,4-Dinitrotoluene**	0.0008	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2,6-Dinitrotoluene**	0.0007	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Di-n-octyl phthalate	10,000	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Hexachlorobenzene	11	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Hexachloroethane	2.6	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
Isophorone	8	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.39 U	0.43 U	1.6	0.39 U
2-Methylphenol	15	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
4-Methylphenol	--	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Nitrobenzene**	0.1	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine**	0.00005	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2, 2'-Oxybis(1-Chloropropane)	--	0.016 U	0.016 U	0.018 U	0.016 U	0.016 U
Pentachlorophenol**	0.10	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Phenol	100	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	53	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U
2,4,5-Trichlorophenol*	26	0.77 U	0.77 U	0.85 U	0.78 U	0.78 U
2,4,6-Trichlorophenol*	0.07	0.39 U	0.39 U	0.43 U	0.39 U	0.39 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration				
		SP40-002 7-8	SP40-003 14-15	SP43-001 2-3	SP43-002 3.5-4.5	SP43-003 11-12
PAHs (mg/kg)						
Acenaphthene	2,900	0.029 U	0.029 U	0.072	0.062	0.029 U
Acenaphthylene	--	0.029 U	0.029 U	0.17	0.074	0.029 U
Anthracene	59,000	0.029 U	0.029 U	0.032 U	0.029	0.029 U
Benzo(a)anthracene	8	0.029 U	0.029 U	0.045	0.09	0.029 U
Benzo(b)fluoranthene	25	0.029 U	0.029 U	0.12	0.13	0.029 U
Benzo(k)fluoranthene	250	0.029 U	0.029 U	0.098	0.11	0.029 U
Benzo(g,h,i)perylene	--	0.029 U	0.029 U	0.062	0.087	0.029 U
Benzo(a)pyrene	82	0.029 U	0.029 U	0.056	0.13	0.029 U
Chrysene	800	0.029 U	0.029 U	0.3	0.16	0.029 U
Dibenzo(a,h)anthracene	7.6	0.029 U	0.029 U	0.032 U	0.038	0.029 U
Fluoranthene	21,000	0.029 U	0.029 U	0.15	0.17	0.029 U
Fluorene	2,800	0.029 U	0.029 U	0.032 U	0.16	0.029 U
Indeno(1,2,3-cd)pyrene	69	0.029 U	0.029 U	0.043	0.076	0.029 U
Naphthalene	18	0.029 U	0.029 U	0.062	0.22	0.029 U
Phenanthrene	--	0.029 U	0.029 U	0.19	0.38	0.029 U
Pyrene	21,000	0.029 U	0.029 U	0.14	0.088	0.029 U
PCBs (mg/kg)						
Aroclor 1016	--	0.093 U	0.094 U	0.1 U	0.099 U	0.097 U
Aroclor 1221	--	0.093 U	0.094 U	0.1 U	0.099 U	0.097 U
Aroclor 1232	--	0.093 U	0.094 U	0.1 U	0.099 U	0.097 U
Aroclor 1242	--	0.093 U	0.094 U	0.1 U	0.28	0.097 U
Aroclor 1248	--	0.093 U	0.094 U	0.1 U	0.099 U	0.097 U
Aroclor 1254	--	0.19 U	0.19 U	0.21 U	0.26	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.21 U	0.2 U	0.19 U
Total PCBs	--	0.845 U	0.850 U	0.920 U	1.136	0.865 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony*	20	1.1 UJ	1 UJ	1.3 UJ	NA	1 UJ
Arsenic*	120	10 J	8.3 J	9.5	NA	9 J
Barium*	1,800	88 J	87 J	170 J	NA	91 J
Beryllium*	130,000	1.1	1.1	1.2	NA	1.1
Cadmium*	590	0.56 U	0.52 U	0.85	NA	0.5 U
Chromium ****	--	16 J	19 J	16 J	NA	21 J
Copper*	330,000	33 J	28 J	73 J	NA	30 J
Lead***	--	19	17	69 J	NA	19
Mercury*	32	0.029 U	0.028 U	0.18	NA	0.03 U
Nickel*	14,000	36 J	28 J	20 J	NA	33 J
Selenium*	1.3	1.1 U	1 U	1.3 U	NA	1 U
Silver **	39	1.1 U	1 U	1.3 U	NA	1 U
Thallium*	34	2.2	1.9	1.9	NA	1.9
Zinc*	32,000	52 J	45 J	100 J	NA	46 J
Total Cyanide*	120	0.32 U	0.27 U	0.35 U	NA	0.27 U

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.
(8) NA - Not Analyzed.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP44-001 0-0.5	SP44-002 6-7	SP44-003 12-13	SB45-001 0-0.5
TCL Volatiles (mg/kg)					
Acetone	16	0.079 U	0.082	0.069 U	0.065
Benzene	0.17	0.016 U	0.0089 U	0.014 U	0.12
Bromodichloromethane	0.6	0.016 U	0.0089 U	0.014 U	0.0094 U
Bromoform	0.8	0.016 U	0.0089 U	0.014 U	0.0094 U
Bromomethane	1.2	0.031 U	0.018 U	0.028 U	0.019 U
2-Butanone	--	0.031 U	0.018 U	0.028 U	0.034
Carbon Disulfide	160	0.016 U	0.0089 U	0.014 U	0.0094 U
Carbon Tetrachloride	0.33	0.016 U	0.0089 U	0.014 U	0.0094 U
Chlorobenzene	6.5	0.016 U	0.0089 U	0.014 U	0.0094 U
Chloroethane	--	0.031 U	0.018 U	0.028 U	0.019 U
Chloroform	2.9	0.016 U	0.0089 U	0.014 U	0.0094 U
Chloromethane	--	0.016 U	0.0089 U	0.014 U	0.0094 U
Dibromochloromethane	--	0.016 U	0.0089 U	0.014 U	0.0094 U
1,1-Dichloroethane	110	0.016 U	0.0089 U	0.014 U	0.0094 U
1,2-Dichloroethane	0.1	0.016 U	0.0089 U	0.014 U	0.0094 U
1,1-Dichloroethene	0.3	0.016 U	0.0089 U	0.014 U	0.0094 U
cis-1,2-Dichloroethene	1.1	0.016 U	0.0089 U	0.014 U	0.0094 U
trans-1,2-Dichloroethene	3.4	0.016 U	0.0089 U	0.014 U	0.0094 U
1,2-Dichloropropane	0.15	0.016 U	0.0089 U	0.014 U	0.0094 U
cis-1,3-Dichloropropene	0.02	0.016 U	0.0089 U	0.014 U	0.0094 U
trans-1,3-Dichloropropene	0.02	0.016 U	0.0089 U	0.014 U	0.0094 U
Ethylbenzene	19	0.016 U	0.0089 U	0.014 U	0.37
2-Hexanone	--	0.031 U	0.018 U	0.028 U	0.019 U
4-Methyl-2-Pentanone	--	0.031 U	0.018 U	0.028 U	0.019 U
Methylene Chloride	0.2	0.031 U	0.018 U	0.028 U	0.019 U
Styrene	18	0.016 U	0.0089 U	0.014 U	0.014
1,1,2,2-Tetrachloroethane	--	0.016 U	0.0089 U	0.014 U	0.0094 U
Tetrachloroethene	0.3	0.023	0.0089 U	0.014 U	0.0094 U
Toluene	29	0.016 U	0.0089 U	0.014 U	0.025
1,1,1-Trichloroethane	9.6	0.016 U	0.0089 U	0.014 U	0.0094 U
1,1,2-Trichloroethane	0.3	0.016 U	0.0089 U	0.014 U	0.0094 U
Trichloroethene	0.3	0.016 U	0.0089 U	0.014 U	0.0094 U
Vinyl Chloride	0.07	0.031 U	0.018 U	0.028 U	0.019 U
m,p-Xylene*	150	0.016 U	0.0089 U	0.014 U	0.057
o-Xylene*	150	0.016 U	0.0089 U	0.014 U	0.17

NOTES:
(1) * The "total xylenes" screening level was used because it is more conservative.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP44-001 0-0.5	SP44-002 6-7	SP44-003 12-13	SB45-001 0-0.5
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	1.9 U	0.4 U	0.39 U	0.35 U
Bis(2-chloroethyl)ether**	0.0004	1.9 U	0.4 U	0.39 U	0.35 U
Bis(2-ethylhexyl)phthalate	31,000	9.7	0.4 U	0.39 U	2.1
4-Bromophenyl phenyl ether	--	1.9 U	0.4 U	0.39 U	0.35 U
Butyl benzyl phthalate	930	1.9 U	0.4 U	0.39 U	0.35 U
Carbazole	2.8	1.9 U	0.4 U	0.39 U	0.87
4-Chloro-3-methylphenol	--	1.9 U	0.4 U	0.39 U	0.35 U
4-Chloroaniline	0.7	1.9 U	0.4 U	0.39 U	0.35 U
2-Chloronaphthalene	--	1.9 U	0.4 U	0.39 U	0.35 U
2-Chlorophenol*	1.5	1.9 U	0.4 U	0.39 U	0.35 U
4-Chlorophenyl phenyl ether	--	1.9 U	0.4 U	0.39 U	0.35 U
Dibenzofuran	--	1.9 U	0.4 U	0.39 U	0.35 U
1,2-Dichlorobenzene	43	1.9 U	0.4 U	0.39 U	0.35 U
1,3-Dichlorobenzene	--	1.9 U	0.4 U	0.39 U	0.35 U
1,4-Dichlorobenzene	11	1.9 U	0.4 U	0.39 U	0.35 U
3,3´-Dichlorobenzidine**	0.033	3.9 U	0.79 U	0.77 U	0.69 U
2,4-Dichlorophenol*	0.48	1.9 U	0.4 U	0.39 U	0.35 U
Diethyl phthalate	470	1.9 U	0.4 U	0.39 U	0.35 U
Dimethyl phthalate	--	1.9 U	0.4 U	0.39 U	0.35 U
Di-n-butyl phthalate	2,300	1.9 U	0.4 U	0.39 U	0.35 U
2,4-Dimethylphenol	9	1.9 U	0.4 U	0.39 U	0.35 U
4,6-Dinitro-2-methylphenol	--	9.4 U	1.9 U	1.9 U	1.7 U
2,4-Dinitrophenol**	0.2	9.4 U	1.9 U	1.9 U	1.7 U
2,4-Dinitrotoluene**	0.0008	1.9 U	0.4 U	0.39 U	0.35 U
2,6-Dinitrotoluene**	0.0007	1.9 U	0.4 U	0.39 U	0.35 U
Di-n-octyl phthalate	10,000	1.9 U	0.4 U	0.39 U	0.35 U
Hexachlorobenzene	11	1.9 U	0.4 U	0.39 U	0.35 U
Hexachlorobutadiene	--	1.9 U	0.4 U	0.39 U	0.35 U
Hexachlorocyclopentadiene	2,200	1.9 U	0.4 U	0.39 U	0.35 U
Hexachloroethane	2.6	1.9 U	0.4 U	0.39 U	0.35 U
Isophorone	8	1.9 U	0.4 U	0.39 U	0.35 U
2-Methylnaphthalene	--	1.9 U	0.4 U	0.39 U	1.7
2-Methylphenol	15	1.9 U	0.4 U	0.39 U	0.35 U
4-Methylphenol	--	1.9 U	0.4 U	0.39 U	0.35 U
2-Nitroaniline	--	9.4 U	1.9 U	1.9 U	1.7 U
3-Nitroaniline	--	9.4 U	1.9 U	1.9 U	1.7 U
4-Nitroaniline	--	9.4 U	1.9 U	1.9 U	1.7 U
Nitrobenzene**	0.1	1.9 U	0.4 U	0.39 U	0.35 U
2-Nitrophenol	--	9.4 U	1.9 U	1.9 U	1.7 U
4-Nitrophenol	--	9.4 U	1.9 U	1.9 U	1.7 U
N-Nitrosodi-n-propylamine**	0.00005	1.9 U	0.4 U	0.39 U	0.35 U
N-Nitrosodiphenylamine	5.6	1.9 U	0.4 U	0.39 U	0.35 U
2, 2'-Oxybis(1-Chloropropane)	--	0.082 U	0.017 U	0.016 U	0.015 U
Pentachlorophenol**	0.10	9.4 U	1.9 U	1.9 U	1.7 U
Phenol	100	1.9 U	0.4 U	0.39 U	0.35 U
1,2,4-Trichlorobenzene	53	1.9 U	0.4 U	0.39 U	0.35 U
2,4,5-Trichlorophenol*	26	3.9 U	0.79 U	0.77 U	0.69 U
2,4,6-Trichlorophenol*	0.07	1.9 U	0.4 U	0.39 U	0.35 U

NOTES:
(1) **Value exceeds TACO screening level but was consisitently non detect so none shaded.
(2) -- Toxicity criteria not available for exposure route.
(3) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(4) * pH-dependent screening levels for Class II groundwater were used.

Table 24 (Continued)
Tier 1 Screening: Soil Migration to Groundwater Route (Class II)
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level (mg/kg)	Sample Location and Depth (feet below ground surface)/Concentration			
		SP44-001 0-0.5	SP44-002 6-7	SP44-003 12-13	SB45-001 0-0.5
PAHs (mg/kg)					
Acenaphthene	2,900	0.15 U	0.03 U	0.029 U	0.74
Acenaphthylene	--	0.15 U	0.03 U	0.029 U	0.65
Anthracene	59,000	0.16	0.03 U	0.029 U	1.9
Benzo(a)anthracene	8	0.15 U	0.03 U	0.029 U	2.5
Benzo(b)fluoranthene	25	0.78	0.03 U	0.029 U	2
Benzo(k)fluoranthene	250	0.81	0.03 U	0.029 U	1.9
Benzo(g,h,i)perylene	--	1.1	0.03 U	0.029 U	1.3
Benzo(a)pyrene	82	0.45	0.03 U	0.029 U	2.4
Chrysene	800	0.83	0.03 U	0.029 U	3.9
Dibenzo(a,h)anthracene	7.6	0.25	0.03 U	0.029 U	0.37
Fluoranthene	21,000	0.45	0.03 U	0.029 U	4.1
Fluorene	2,800	0.15 U	0.03 U	0.029 U	1.2
Indeno(1,2,3-cd)pyrene	69	0.69	0.03 U	0.029 U	0.94
Naphthalene	18	0.15 U	0.03 U	0.029 U	1.8
Phenanthrene	--	0.42	0.03 U	0.029 U	3.6
Pyrene	21,000	0.64	0.03 U	0.029 U	6.8
PCBs (mg/kg)					
Aroclor 1016	--	0.094 U	0.096 U	0.093 U	0.084 U
Aroclor 1221	--	0.094 U	0.096 U	0.093 U	0.084 U
Aroclor 1232	--	0.094 U	0.096 U	0.093 U	0.084 U
Aroclor 1242	--	1.5	0.096 U	0.093 U	5.2 U
Aroclor 1248	--	0.094 U	0.096 U	0.093 U	0.084 U
Aroclor 1254	--	1	0.19 U	0.19 U	5.2 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.17 U
Total PCBs	--	3.066	0.860 U	0.845 U	10.906 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony*	20	0.98 J	1.1 UJ	1.2 UJ	0.95 UJ
Arsenic*	120	3.8	13 J	9.3 J	7.6
Barium*	1,800	140 J	79 J	94 J	59 J
Beryllium*	130,000	1.1	1.2	1.2	0.63
Cadmium*	590	1.5	0.57 U	0.58 U	1.1
Chromium ****	--	21 J	20 J	20 J	13 J
Copper*	330,000	79 J	31 J	33 J	42 J
Lead***	--	210 J	19	20	240 J
Mercury*	32	0.38	0.03 U	0.026 U	0.3
Nickel*	14,000	16 J	39 J	35 J	17 J
Selenium*	1.3	0.94 U	1.1 U	1.2 U	0.95 U
Silver **	39	0.94 U	1.1 U	1.2 U	0.95 U
Thallium*	34	1.3	1.8	2.3	0.95 U
Zinc*	32,000	290 J	52 J	45 J	140 J
Total Cyanide*	120	0.28 U	0.32 U	0.31 U	1.3

NOTES:
(1) -- Toxicity criteria not available for exposure route.
(2) U - Indicates compound/analyte was analyzed for but not detected; the associated value is the sample reporting limit.
(3) J - Indicates an estimated value.
(4) * Toxicity criteria for metals and cyanide are only applicable to TCLP data; therefore, pH-dependent screening levels for Class II groundwater were used.
(5) ** A pH-dependent screening level was not available for Class II groundwater; therefore, the pH-dependent screening level for Class I groundwater was used.
(6) *** A pH-dependent screening level was not available for lead; however, SPLP analysis was conducted on sample SP35-001 with a total lead concentration of 1,400 mg/kg. The SPLP lead result for SP35-001 is 0.02 mg/l and is below the Tier 1 Class II screening level of 0.1 mg/l.
(7) **** SPLP analysis was conducted on sample SB04-001 with a total chromium concentration of 570 mg/kg. The SPLP chromium result for SB04-001 was non-detect; therefore, the result is below the Tier 1 Class II screening level of 1.0 mg/l.

Table 25
Tier 1 Screening: Class II Groundwater Ingestion Exposure Route
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level	Sample Location and Date Sampled/Concentration		
		MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
TCL Volatiles (mg/l)				
Acetone	0.7	0.01 U	0.01 U	0.027
Benzene	0.025	0.21	0.005 U	0.005 U
Bromodichloromethane*	0.0002	0.005 U	0.005 U	0.005 U
Bromoform*	0.001	0.005 U	0.005 U	0.005 U
Bromomethane	---	0.01 U	0.01 U	0.01 U
2-Butanone	---	0.01 U	0.01 U	0.01 U
Carbon Disulfide	3.5	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.025	0.005 U	0.005 U	0.005 U
Chlorobenzene	0.5	0.005 U	0.005 U	0.005 U
Chloroethane	---	0.01 U	0.01 U	0.01 U
Chloroform	0.001	0.005 U	0.005 U	0.005 U
Chloromethane	---	0.005 U	0.005 U	0.005 U
Dibromochloromethane	0.14	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	3.5	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.025	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.035	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.2	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.5	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.025	0.005 U	0.005 U	0.005 U
cis-1,3-Dichloropropene*	0.005	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	0.005	0.005 U	0.005 U	0.005 U
Ethylbenzene	1.0	0.005 U	0.005 U	0.005 U
2-Hexanone	---	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	---	0.01 U	0.01 U	0.01 U
Methylene Chloride	0.05	0.01 U	0.01 U	0.01 U
Styrene	0.5	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	---	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.025	0.005 U	0.005 U	0.005 U
Toluene	2.5	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	1.0	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.05	0.005 U	0.005 U	0.005 U
Trichloroethene	0.025	0.005 U	0.005 U	0.005 U
Vinyl Chloride*	0.01	0.01 U	0.01 U	0.01 U
m,p-Xylene	---	0.005 U	0.005 U	0.0068
o-Xylene	---	0.005 U	0.005 U	0.009

NOTES:
(1) --- Toxicity criteria not available for groundwater ingestion exposure route (Illinois EPA 2001).
(2) * Non-detect value meets or exceeds Tier 1 screening level for compound. Non-detect values are not highlighted.
(3) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(4) Shaded values exceed Tier 1 screening level.

Table 25 (Continued)
Tier 1 Screening: Class II Groundwater Ingestion Exposure Route
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level	Sample Location and Date Sampled/Concentration		
		MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
TCL Semivolatiles (mg/l)				
Bis(2-chloroethoxy)methane	---	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl)ether*	0.01	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.06	0.01 U	0.01 U	0.01 U
4-Bromophenyl phenyl ether	---	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	7.0	0.01 U	0.01 U	0.01 U
Carbazole	---	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	---	0.02 U	0.02 U	0.02 U
4-Chloroaniline	0.28	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	---	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.175	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	---	0.01 U	0.01 U	0.01 U
Dibenzofuran	---	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	1.5	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	---	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.375	0.01 U	0.01 U	0.01 U
3,3-Dichlorobenzidine	0.1	0.02 U	0.02 U	0.02 U
2,4-Dichlorophenol	0.021	0.01 U	0.01 U	0.01 U
Diethyl phthalate	5.6	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	---	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	3.5	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.14	0.01 U	0.01 U	0.01 U
4,6-Dinitro-2-methylphenol	---	0.025 U	0.025 U	0.025 U
2,4-Dinitrophenol	0.14	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene*	0.00002	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene*	0.00031	0.01 U	0.01 U	0.01 U
Di-n-octyl phthalate	0.7	0.01 U	0.01 U	0.01 U
Hexachlorobenzene*	0.0003	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	---	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.5	0.01 U	0.01 U	0.01 U
Hexachloroethane	0.035	0.01 U	0.01 U	0.01 U
Isophorone	1.4	0.01 U	0.01 U	0.01 U
2-Methylnaphthalene	---	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.35	0.01 U	0.01 U	0.01 U
4-Methylphenol	---	0.01 U	0.01 U	0.01 U
2-Nitroaniline	---	0.025 U	0.025 U	0.025 U
3-Nitroaniline	---	0.025 U	0.025 U	0.025 U
4-Nitroaniline	---	0.02 U	0.02 U	0.02 U
Nitrobenzene*	0.0035	0.01 U	0.01 U	0.01 U
2-Nitrophenol	---	0.01 U	0.01 U	0.01 U
4-Nitrophenol	---	0.025 U	0.025 U	0.025 U
N-Nitrosodi-n-propylamine*	0.0018	0.01 U	0.01 U	0.01 U
2, 2'-oxybis(1-Chloropropane)	---	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.016	0.01 U	0.01 U	0.01 U
Pentachlorophenol*	0.005	0.025 U	0.025 U	0.025 U
Phenol	0.1	0.01 U	0.01 U	0.01 U
1,2,4-Trichlorobenzene	0.7	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	3.5	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.05	0.01 U	0.01 U	0.01 U

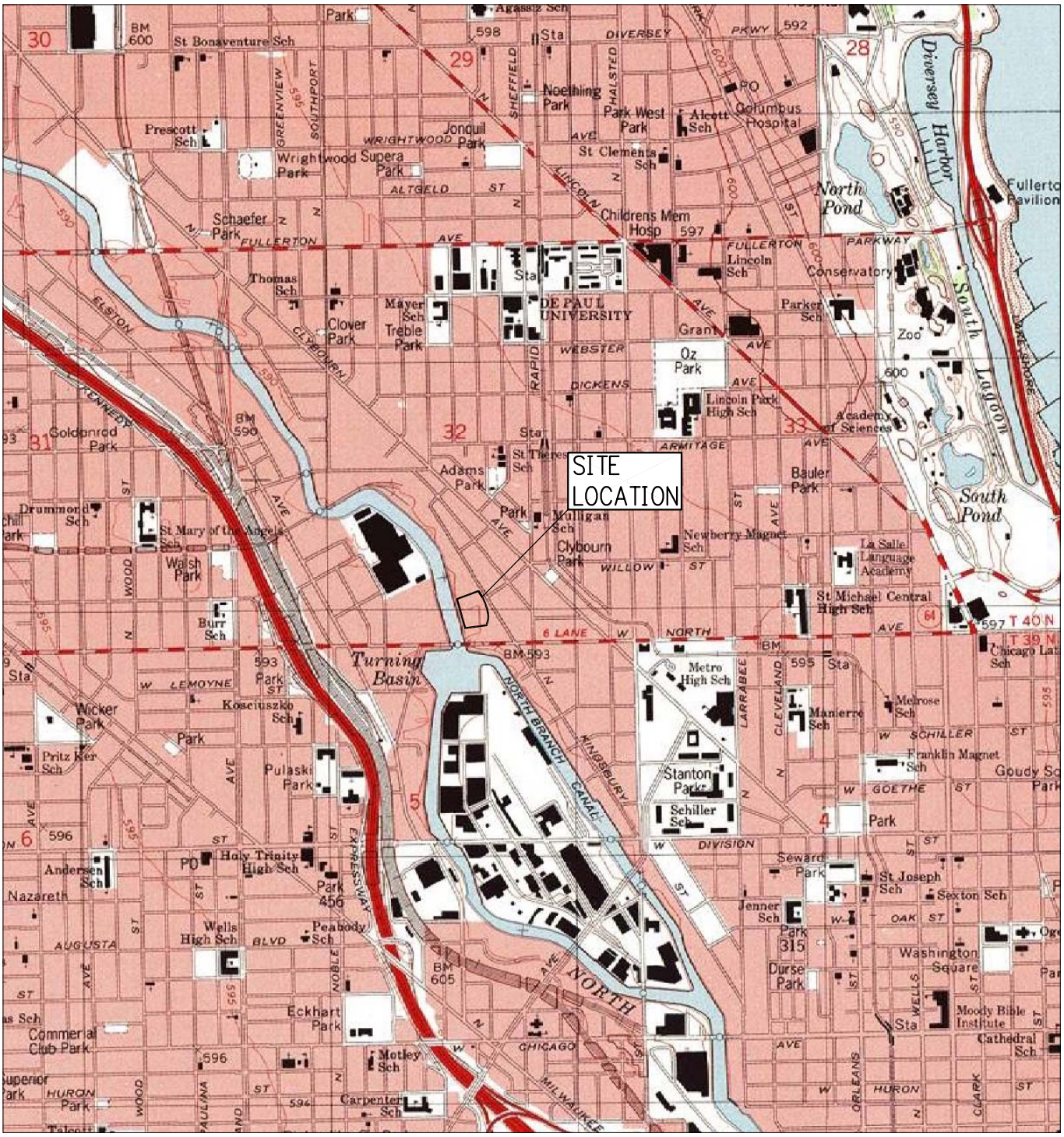
NOTES:
(1) --- Toxicity criteria not available for groundwater ingestion exposure route (Illinois EPA 2001).
(2) *Non-detect value meets or exceeds Tier 1 screening level for compound. Non-detect values are not highlighted.
(3) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

Table 25 (Continued)
Tier 1 Screening: Class II Groundwater Ingestion Exposure Route
The Former Willow Street Station Manufactured Gas Plant Site,
1640 North Kingsbury Portion

Compound/Analyte	Tier 1 Screening Level	Sample Location and Date Sampled/Concentration		
		MW01-001 2/21/2002	MW02-001 2/21/2002	MW05-001 2/21/2002
PAHs (mg/l)				
Acenaphthene	2.1	0.04	0.002 U	0.002 U
Acenaphthylene	---	0.002 U	0.002 U	0.002 U
Anthracene	10.5	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.00065	0.00024	0.00022	0.00076
Benzo(a)pyrene	0.002	0.00026	0.00024	0.00022
Benzo(b)fluoranthene	0.0009	0.00018 U	0.00018 U	0.0003
Benzo(g,h,i)perylene	---	0.0001 U	0.0001 U	0.00012
Benzo(k)fluoranthene	0.00085	0.00017 U	0.00017 U	0.00022
Chrysene	0.0075	0.001 U	0.001 U	0.001 U
Dibenz(a,h)anthracene	0.0015	0.0001 U	0.0001 U	0.0001 U
Fluoranthene	1.4	0.002 U	0.002 U	0.002 U
Fluorene	1.4	0.0059	0.002 U	0.002 U
Indeno(1,2,3-cd)pyrene	0.00215	0.0001 U	0.0001 U	0.0001 U
Naphthalene	0.22	0.015	0.002	0.01
Phenanthrene	---	0.002 U	0.002 U	0.0032
Pyrene	1.05	0.002 U	0.002 U	0.0024
PCBs (mg/l)				
Aroclor 1016	0.0025	0.0005 U	0.0005 U	0.0005 U
Aroclor 1221	0.0025	0.001 U	0.001 U	0.001 U
Aroclor 1232	0.0025	0.0005 U	0.0005 U	0.0005 U
Aroclor 1242	0.0025	0.0005 U	0.0005 U	0.0005 U
Aroclor 1248	0.0025	0.0005 U	0.0005 U	0.0005 U
Aroclor 1254	0.0025	0.0005 U	0.0005 U	0.0005 U
Aroclor 1260	0.0025	0.0005 U	0.0005 U	0.0005 U
Priority Pollutant Metals (mg/l)				
Antimony	0.024	0.01 U	0.01 U	0.01 U
Arsenic	0.2	0.01 U	0.01 U	0.14
Barium	2.0	0.099	0.05	1.9
Beryllium	0.5	0.005 U	0.005 U	0.018
Cadmium	0.05	0.005 U	0.005 U	0.005 U
Chromium	1.0	0.01 U	0.01 U	0.63
Copper	0.65	0.01 U	0.01 U	1.2
Lead	0.1	0.005 U	0.005 U	0.96
Mercury	0.01	0.00025 U	0.00025 U	0.0026
Nickel	2.0	0.01 U	0.026	1.1
Selenium	0.05	0.01 U	0.01 U	0.01 U
Silver	---	0.01 U	0.01 U	0.01 U
Thallium	0.02	0.01 U	0.01 U	0.024
Zinc	10	0.01 U	0.01 U	2.2
Total Cyanide	0.6	0.005 U	0.005 U	0.12

NOTES:
(1) --- Toxicity criteria not available for groundwater ingestion exposure route (Illinois EPA 2001).
(2) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
(3) Shaded values exceed Tier 1 screening level.

FIGURES
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION



I:PEOPLES GAS/WILLOW GENERAL IRON-32088/CAD/BID/SI REPORT/SITE LOCATION MAP

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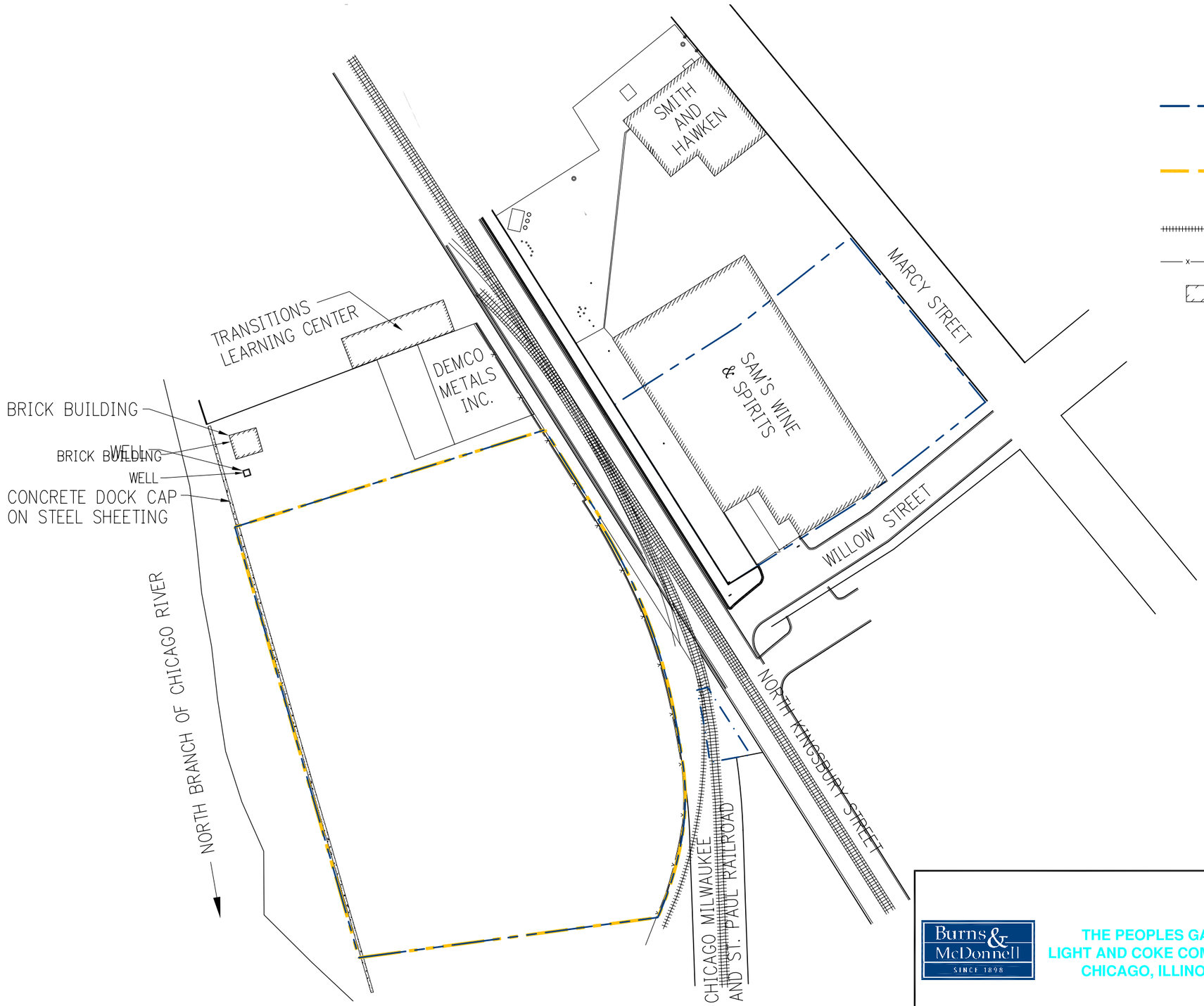
SINCE 1898

THE PEOPLES GAS
LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 1

SITE LOCATION MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS



LEGEND

- MGP BOUNDARY
- INVESTIGATION BOUNDARY (FORMER WILLOW STREET STATION–1640 NORTH KINGSBURY PORTION)
- RAILROAD TRACKS
- EXISTING FENCE
- EXISTING BUILDING

NOTE:
MGP BOUNDARY IS APPROXIMATE BASED ON HISTORICAL DIAGRAMS.

NORTH

100 0 100 200
SCALE IN FEET

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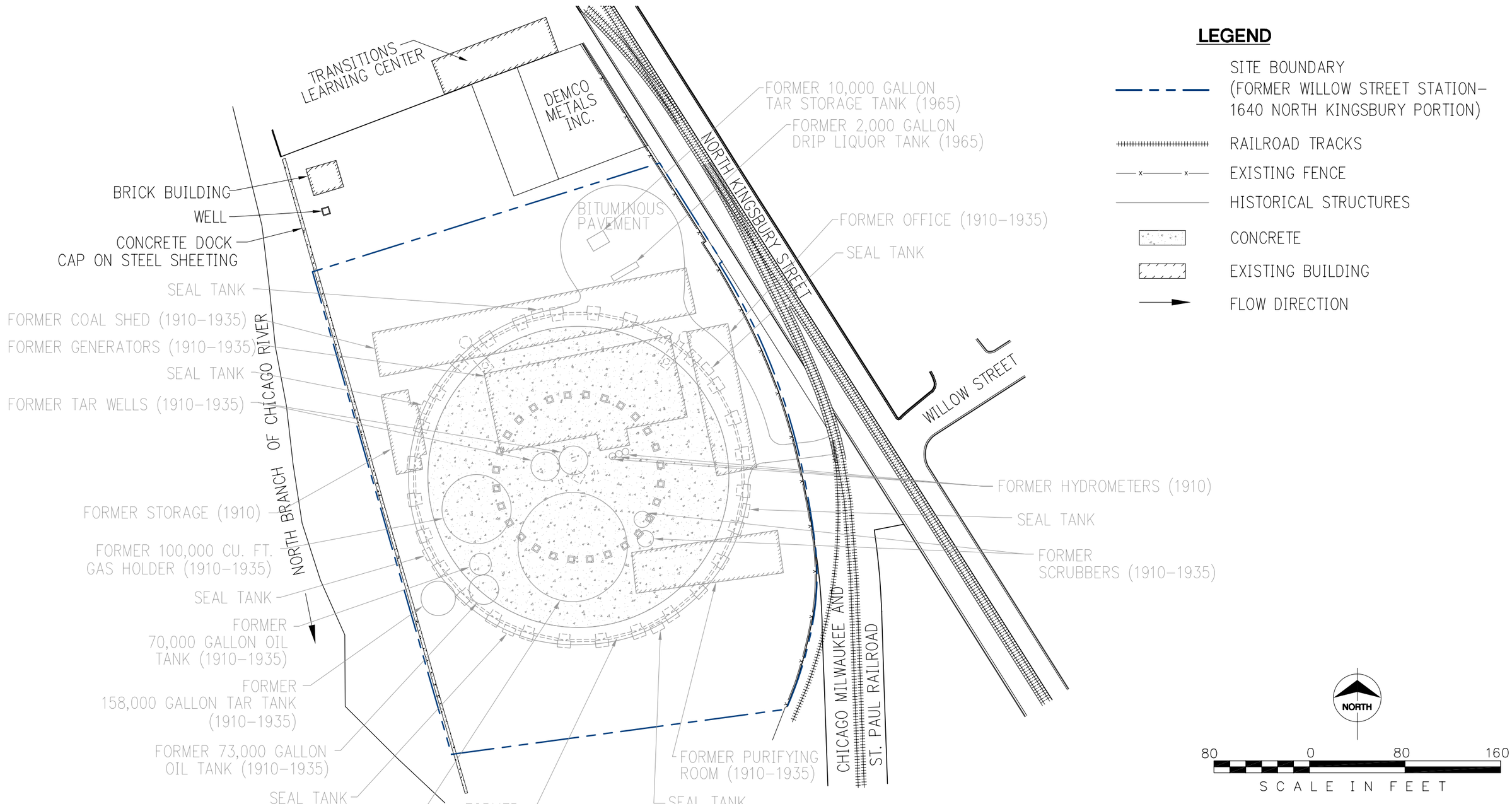
THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 2
FORMER WILLOW STREET STATION
LAYOUT MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\FORMER WILLOW



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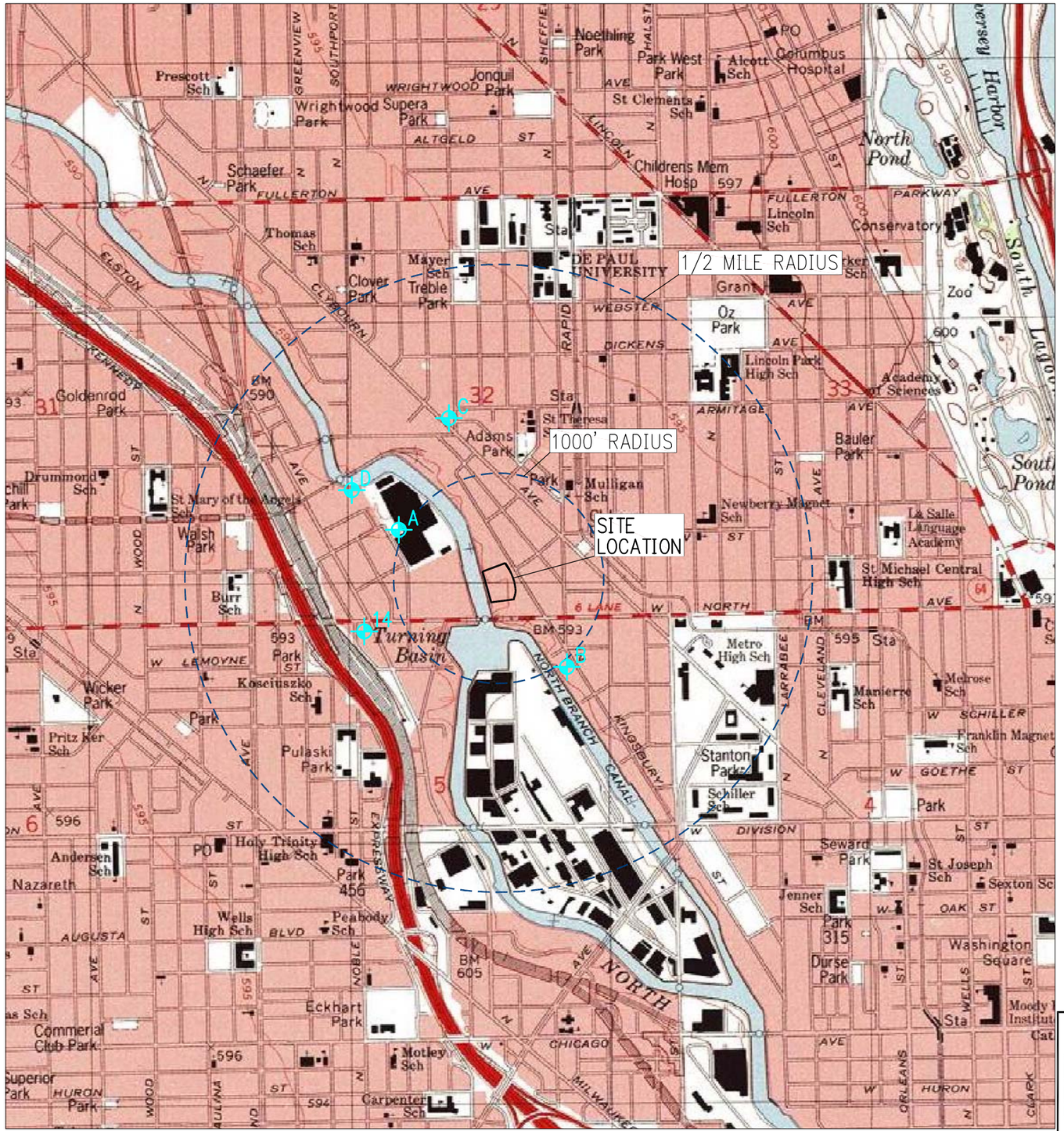
THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 3

HISTORICAL LAYOUT
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\HISTORICAL LAYOUT



LEGEND

APPROXIMATE WELL LOCATION

WELL LOCATION	WELL ID	OWNER
A	415446087393901	UNKNOWN
B*	GIL 00020627 GIL 00020628 033853	UNKNOWN UNKNOWN PRIMA PRODUCTS
C*	034176 029507 034182 034186 029497 034187 034190	GUTMANN TANNERY CO. BIRK BREWING CO. JEFFERSON ICE CO. PLANT #5 NORTHWEST BREWERY ATLANTIC BREWING CO. PETER HAND BREWERY CO. SPIELMAN BROS. VINEGAR WORK
D	415455087394501	UNKNOWN
14	033819	CHICAGO BREWERY CO.

NOTES:

1. * BASED ON AVAILABLE INFORMATION, SEVERAL WELLS MAY EXIST AT WELL LOCATIONS B & C.
2. DATA OBTAINED FROM ENVIRONMENTAL DATA RESOURCES (EDR 2003), INCLUDING FEDERAL UNITED STATES GEOLOGICAL SURVEY, ILLINOIS STATE GEOLOGICAL SURVEY, AND ILLINOIS STATE WATER SURVEY.

NORTH

1500 0 1500 3000

APPROXIMATE SCALE

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CHICAGO, ILLINOIS

Figure 4

SURROUNDING AREA WELL LOCATION MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

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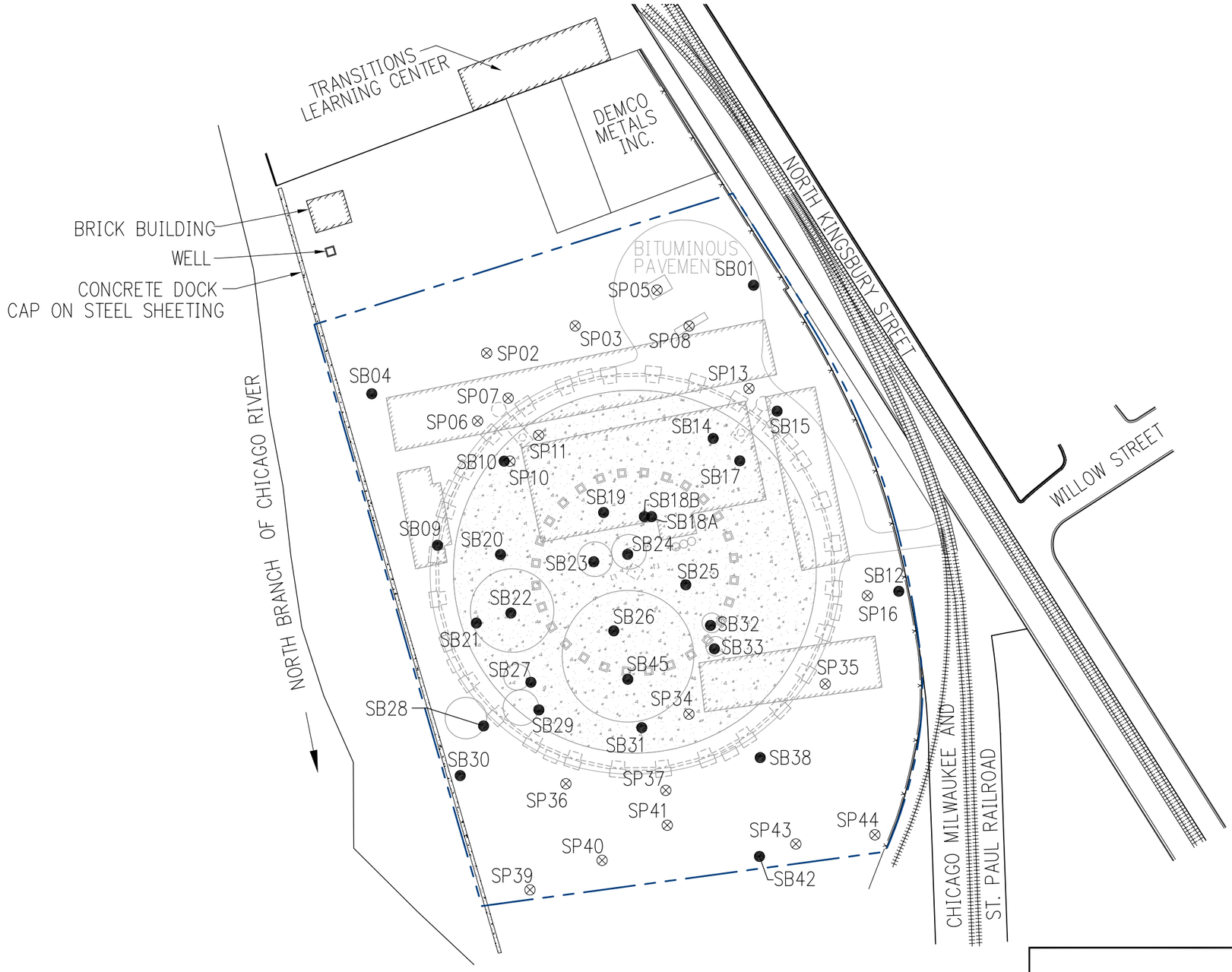
I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\WELL LOCATION



LEGEND

- SITE BOUNDARY (FORMER WILLOW STREET STATION–1640 NORTH KINGSBURY PORTION)
- RAILROAD TRACKS
- EXISTING FENCE
- HISTORICAL STRUCTURES
- CONCRETE
- EXISTING BUILDING
- SOIL PROBE LOCATION
- SOIL BORING LOCATION
- FLOW DIRECTION

NOTE:

SB12, SB30, SP36, SP41, AND SB42 WERE NOT ADVANCED DUE TO EXISTING OBSTRUCTIONS AT THE TIME OF INVESTIGATION.

NORTH

80 0 80 160

SCALE IN FEET

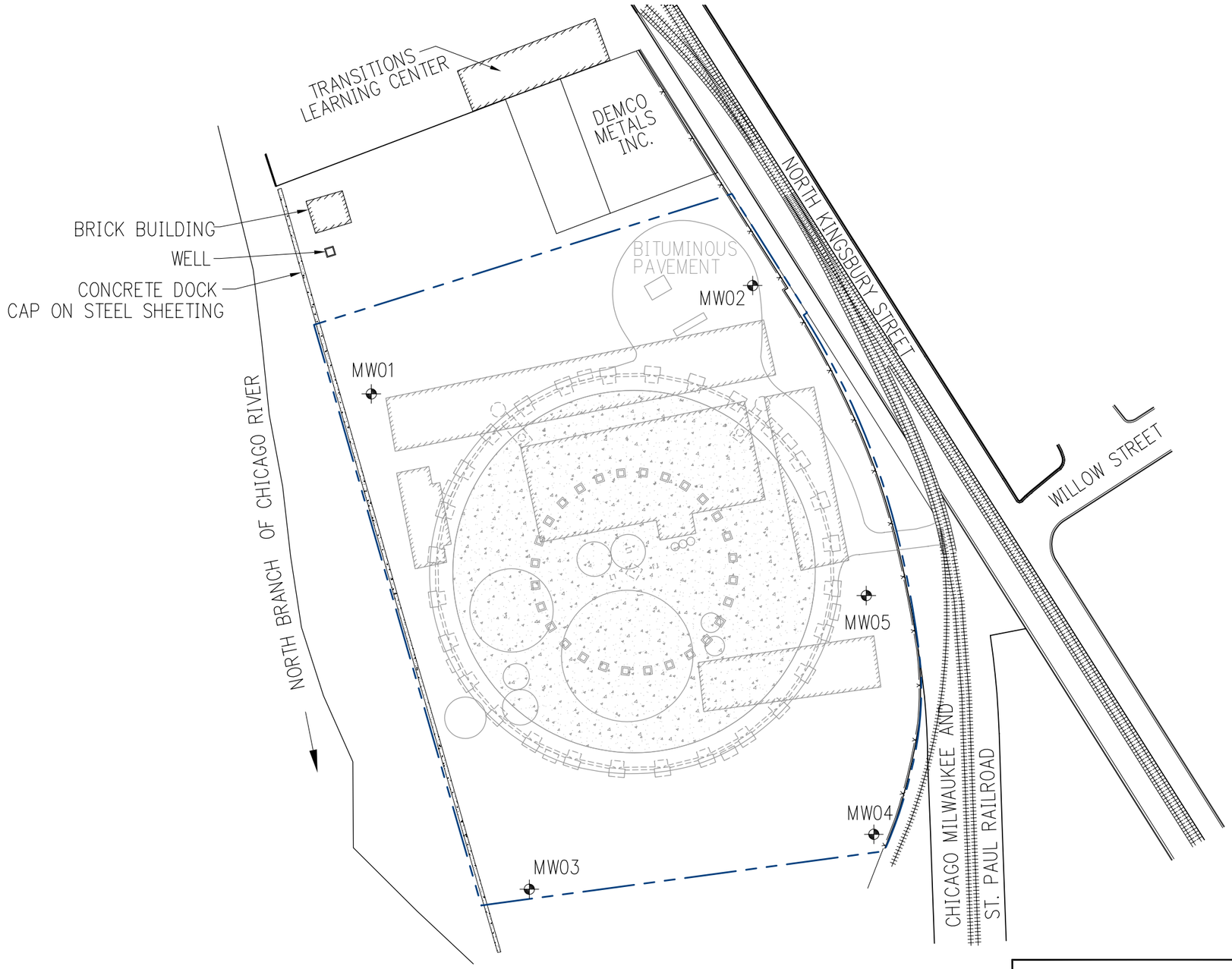
Burns & McDonnell SINCE 1898

THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 5

SOIL BORING/PROBE SAMPLE LOCATION MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\SAMPLE LOCATION



LEGEND

- SITE BOUNDARY (FORMER WILLOW STREET STATION–1640 NORTH KINGSBURY PORTION)
- RAILROAD TRACKS
- EXISTING FENCE
- HISTORICAL STRUCTURES
- CONCRETE
- EXISTING BUILDING
- MONITORING WELL LOCATION
- FLOW DIRECTION

NORTH

80 0 80 160

SCALE IN FEET

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THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 6

MONITORING WELL LOCATION MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\MON WELL LOCATION

LEGEND

- SITE BOUNDARY (FORMER WILLOW STREET STATION–1640 NORTH KINGSBURY PORTION)
- RAILROAD TRACKS
- EXISTING FENCE
- HISTORICAL STRUCTURES
- CONCRETE
- EXISTING BUILDING
- SOIL PROBE LOCATION
- SOIL BORING LOCATION
- A A' CROSS SECTION LOCATION
- FLOW DIRECTION

NOTE:

SB12, SB30, SP36, SP41, AND SB42 WERE NOT ADVANCED DUE TO EXISTING OBSTRUCTIONS AT THE TIME OF INVESTIGATION.

NORTH

80 0 80 160

SCALE IN FEET

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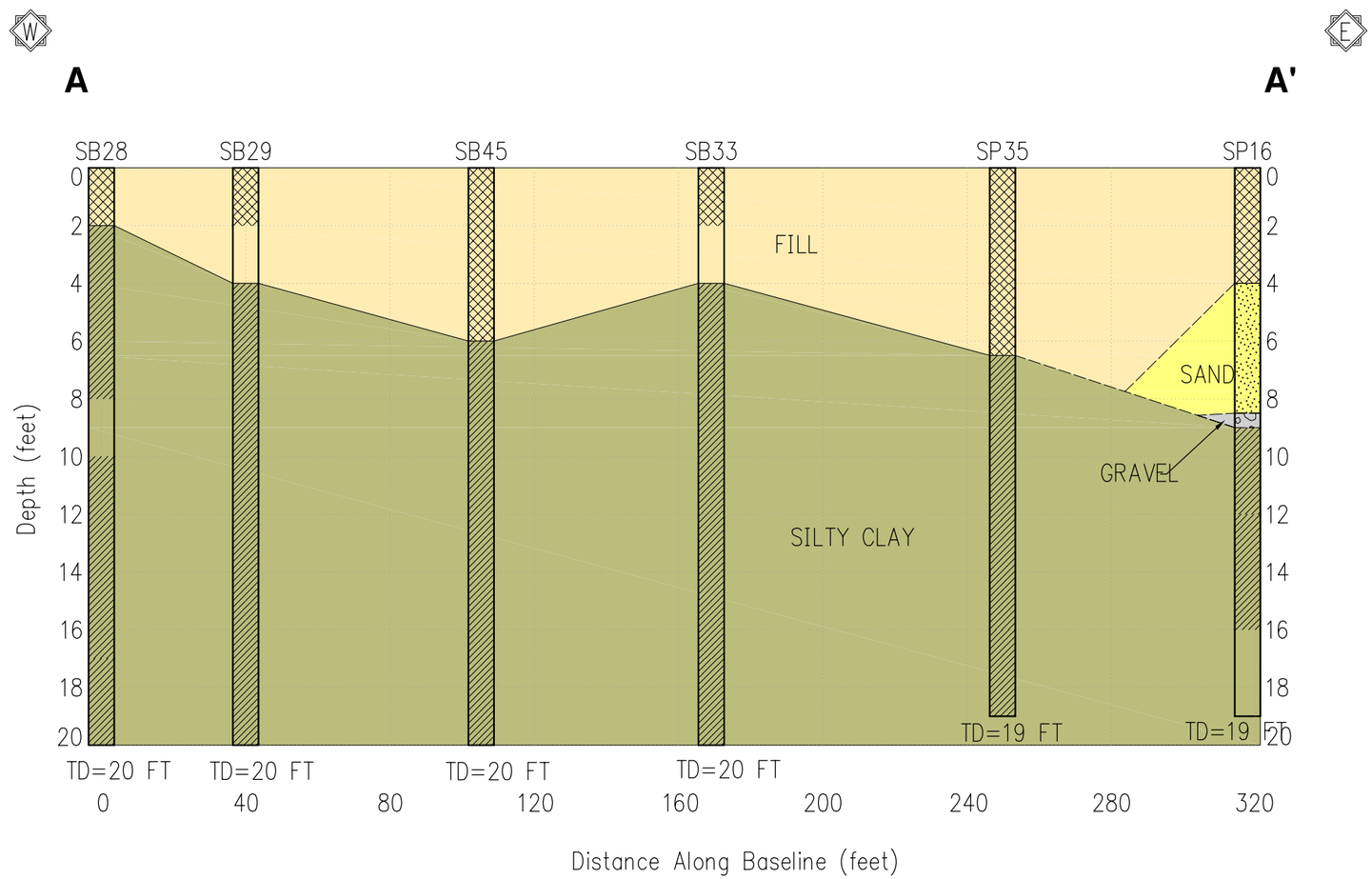
THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 7

GEOLOGICAL CROSS SECTION LOCATION MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS



LEGEND

	FILL		FILL
	SILTY CLAY		CLAY
	SAND		SAND
	GRAVEL		GRAVEL
----	PRESUMED LITHOLOGY		NO RECOVERY
TD	TOTAL DEPTH		

5 0 5 10
VERTICAL SCALE

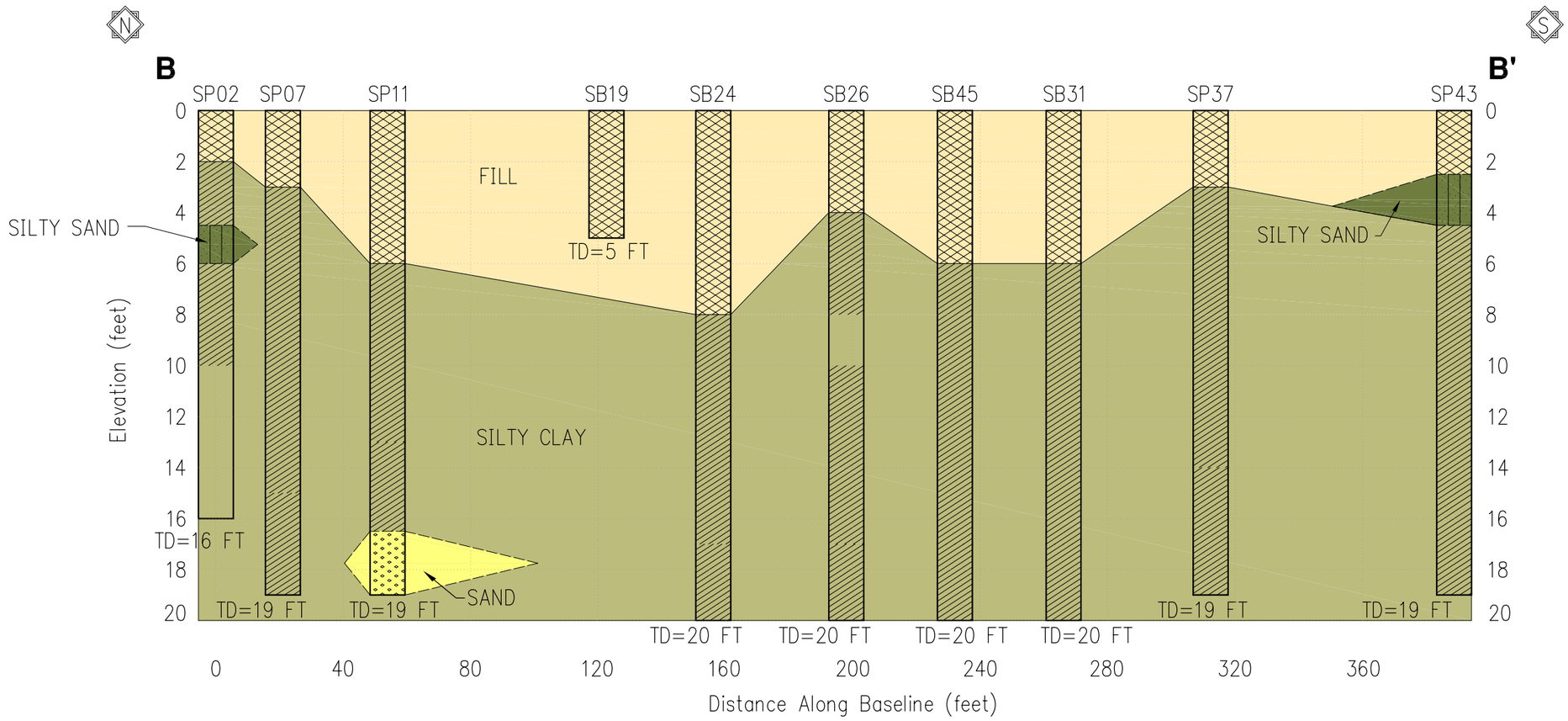
40 0 40 40
HORIZONTAL SCALE

Burns & McDonnell SINCE 1898

THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 8
CROSS SECTION A–A'
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\XSECTION A-A'



LEGEND

	FILL		FILL
	SILTY CLAY		CLAY
	SAND		SAND
	SILTY SAND		SILTY SAND
----	PRESUMED LITHOLOGY		NO RECOVERY
TD	TOTAL DEPTH		

5 0 5 10
VERTICAL SCALE

40 0 40 80
HORIZONTAL SCALE

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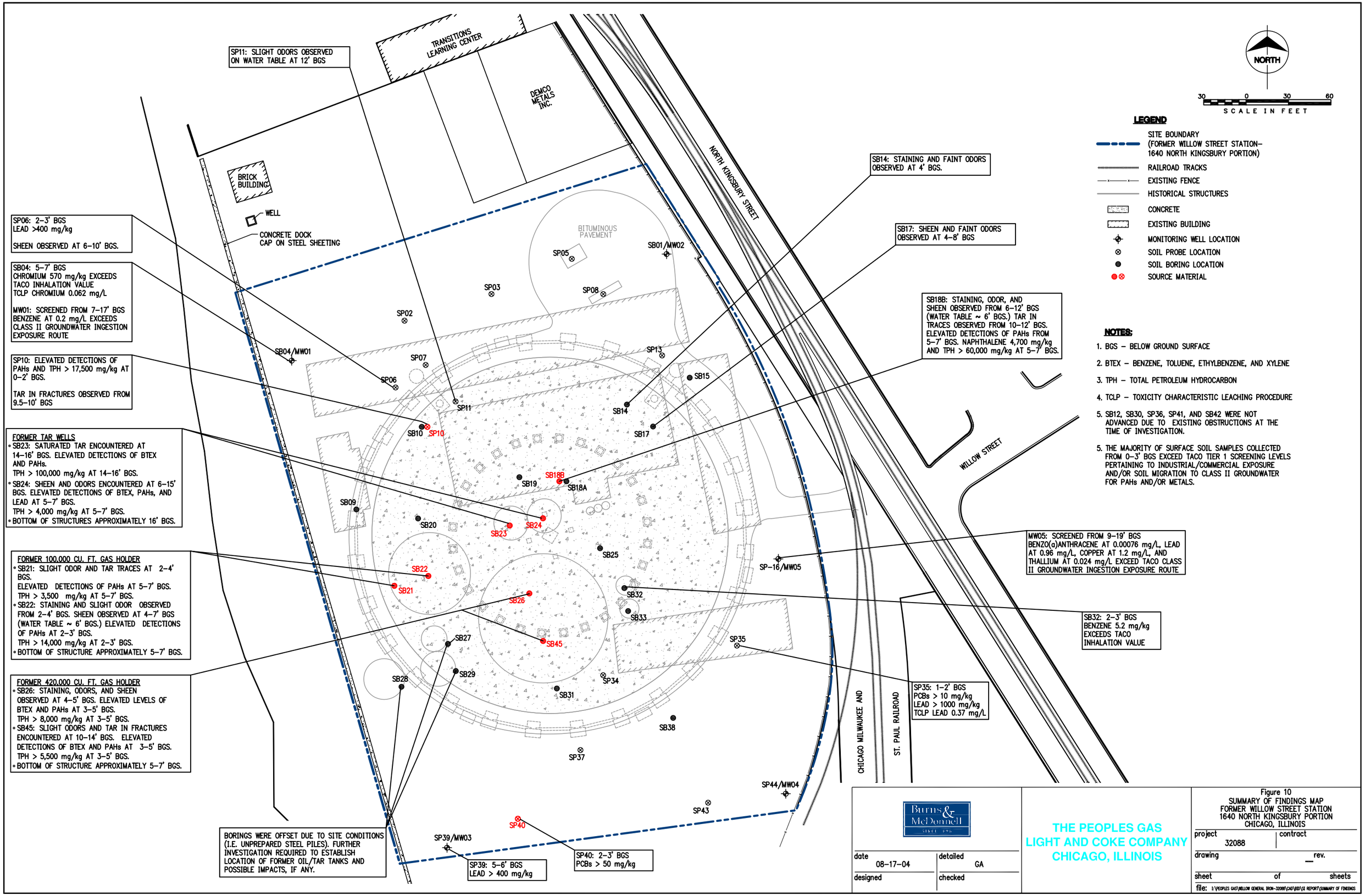
THE PEOPLES GAS LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 9
CROSS SECTION B–B'
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\SI REPORT\XSECTION B-B'



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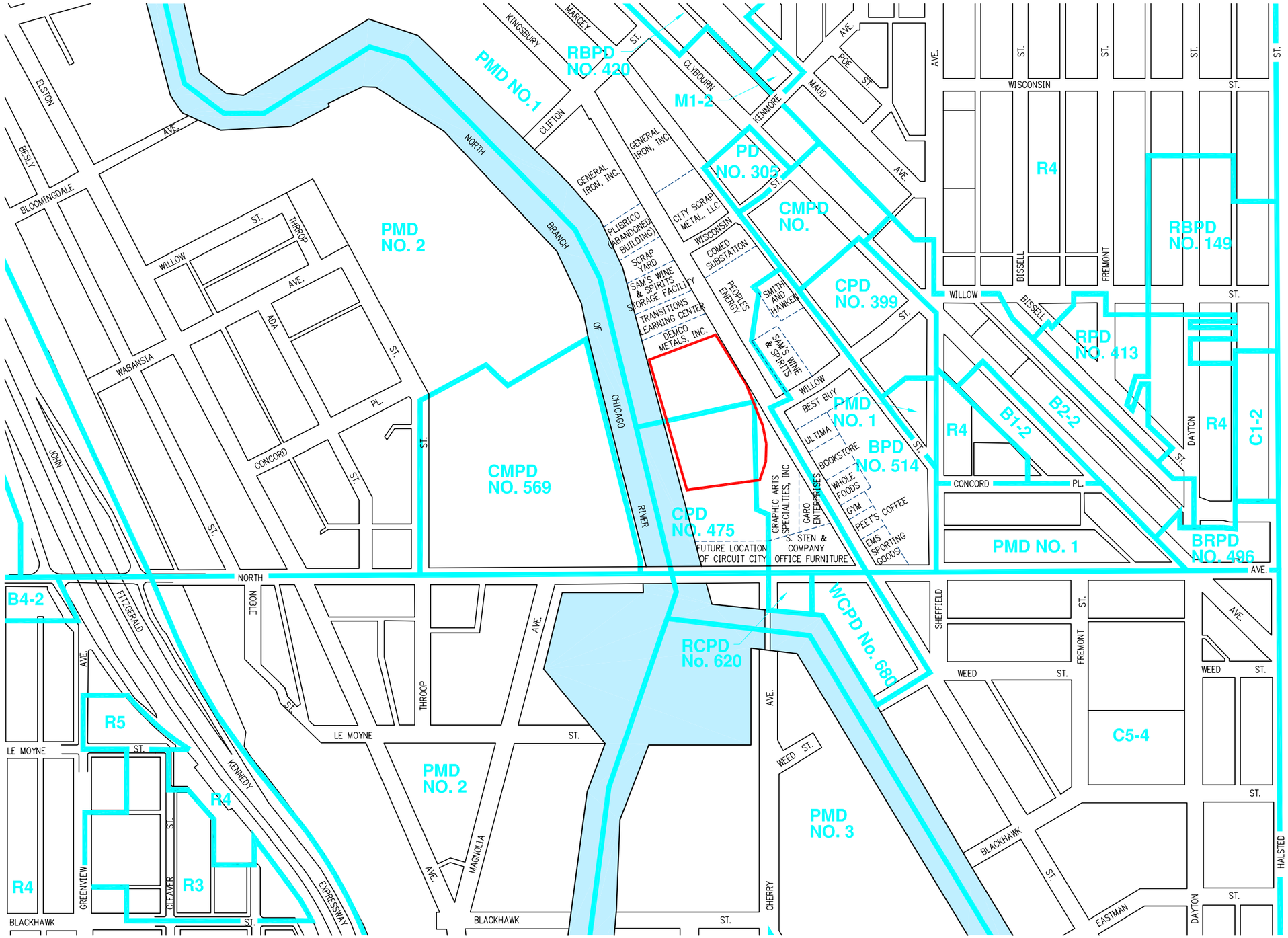
SINCE 1898

date 08-17-04 | detailed GA
designed | checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

Figure 10
SUMMARY OF FINDINGS MAP
FORMER WILLOW STREET STATION
1640 NORTH KINGSBURY PORTION
CHICAGO, ILLINOIS

project 32088 | contract
drawing | rev.
sheet of sheets
file: I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BED\SI REPORT\SUMMARY OF FINDINGS



LEGEND

M1-1, R3	ZONING CODES
	ZONING BORDERS
	FORMER WILLOW STREET STATION PROPERTY BOUNDARY
	APPROXIMATE LOCATION OF ADJACENT PROPERTIES

ZONING DISTRICTS

B1-2	LOCAL RETAIL DISTRICT
B2-2	RESTRICTED RETAIL DISTRICT
B4-2	RESTRICTED SERVICE DISTRICT
BPD	BUSINESS PLANNED DEVELOPMENT
BRPD	BUSINESS RESIDENTIAL PLANNED DEVELOPMENT
C5-4	COMMERCIAL/OFFICE DISTRICT
CPD	COMMERCIAL PLANNED DEVELOPMENT
CMPD	COMMERCIAL MANUFACTURING PLANNED DEVELOPMENT
M1-2	RESTRICTED MANUFACTURING DISTRICT
PD	PLANNED RESIDENTIAL
PMD	PLANNED MANUFACTURING DISTRICT
R3	GENERAL RESIDENCE DISTRICT
R4	GENERAL RESIDENCE DISTRICT
R5	GENERAL RESIDENCE DISTRICT
RCPD	RESTRICTED COMMERCIAL PLANNED DISTRICT
RBPD	RESIDENTIAL BUSINESS PLANNING DEVELOPMENT
RPD	RESIDENTIAL PLANNED DEVELOPMENT
WCPD	WATERWAY COMMERCIAL PLANNED DEVELOPMENT

NORTH

80 0 80 160

SCALE IN FEET

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date 3-13-03	detailed GA
designed	checked

THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS

Figure 11
SURROUNDING AREA MAP
WILLOW STREET STATION
GENERAL IRON PORTION
CHICAGO, ILLINOIS

project | contract

drawing | rev.

sheet of sheets

file: E:\PEOPLES GAS\WILLOW GENERAL IRON-320881\CAD\BSD\SI REPORT\SURROUNDING AREA 122003

APPENDIX A
PLAT OF SURVEY
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

105 WEST MADISON STREET
CHICAGO, ILLINOIS 60602
SUITE 604
TELEPHONE 312—RA 6-6880

~~Hawthorne-HS~~
WILLOW - HS

HARRY L. CANN
GEORGE W. JANI
ROBERT J. HANNO
CARL J. KRAUSE
ROBERT C. TATERKA
RALPH J. VAN DORPE

CHICAGO GUARANTEE SURVEY COMPANY

PLAT of SURVEY

of

Lots 13 and 14 in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

Also, parts of Lots 7, 8, 9 and 10 and 11 (lying West of the Right of Way of the Chicago, Milwaukee, St. Paul and Pacific Railroad) and all of Lot 12 in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

Also, part of Lot 6, lying West of the Right of Way of the Chicago, Milwaukee, St. Paul and Pacific Railroad., (except that part conveyed by Quit Claim Deed to Dexter Ostergren and Charles Ostergren) in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

Also part of Lot 5, lying West of the Right of Way of the Chicago, Milwaukee, St. Paul and Pacific Railroad., (except that part conveyed by Quit Claim Deed to Dexter Ostergren) in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

Containing 180,011 Square Feet (4.1325 Acres) of land, more or less.

PARCEL 1

A parcel of land, comprised of part of Lot 13 and of part of Lot 14, in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago, in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian, which parcel of land is bounded and described as follows:-

Beginning at the northeasterly corner of said Lot 14, and running
thence westwardly along the northerly line of said Lot 14 a distance of 60.00 feet;
thence southwardly along a line perpendicular to said northerly line of Lot 14 a distance of 100.00 feet;
thence eastwardly along a line parallel with said northerly line of Lot 14 a distance of 80.37 feet to an intersection with the northeasterly line of said Lot 13; and
thence northwestwardly along the northeasterly line of said Lots 13 and 14 a distance of 102.05 feet to the point of beginning.

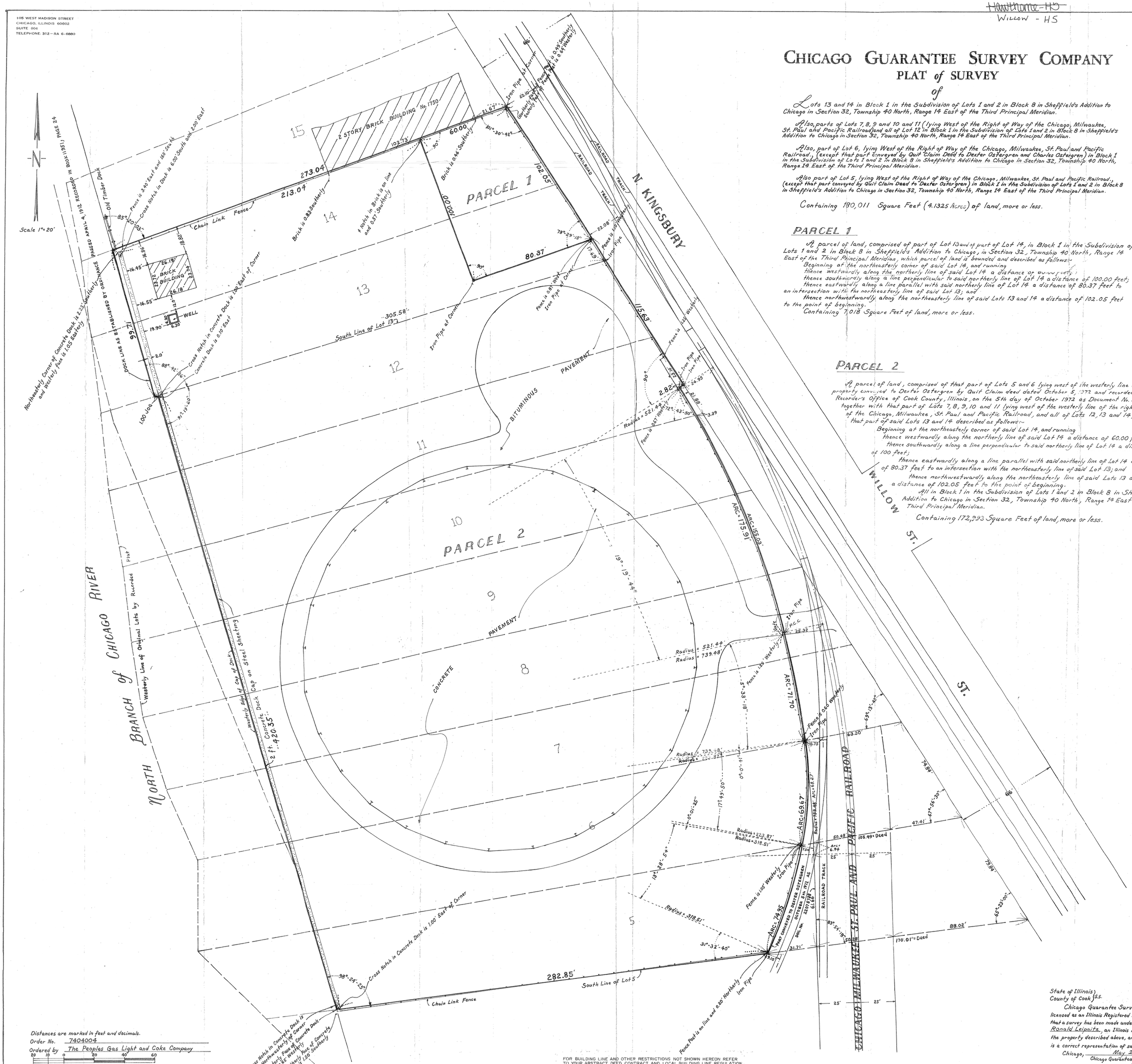
Containing 7,018 Square Feet of land, more or less.

PARCEL 2

A parcel of land, comprised of that part of Lots 5 and 6 lying west of the westerly line of the property conveyed to Dexter Ostergren by Quit Claim deed dated October 5, 1972 and recorded in the Recorder's Office of Cook County, Illinois, on the 5th day of October 1972 as Document No. 22075738, together with that part of Lots 7, 8, 9, 10 and 11 lying west of the westerly line of the right of way of the Chicago, Milwaukee, St. Paul and Pacific Railroad, and all of Lots 12, 13 and 14, except that part of said Lots 13 and 14 described as follows:-

Beginning at the northeasterly corner of said Lot 14, and running
thence westwardly along the northerly line of said Lot 14 a distance of 60.00 feet;
thence southwardly along a line perpendicular to said northerly line of Lot 14 a distance of 100 feet;
thence eastwardly along a line parallel with said northerly line of Lot 14 a distance of 80.37 feet to an intersection with the northeasterly line of said Lot 13; and
thence northwestwardly along the northeasterly line of said Lots 13 and 14 a distance of 102.05 feet to the point of beginning.
All in Block 1 in the Subdivision of Lots 1 and 2 in Block 8 in Sheffield's Addition to Chicago in Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

Containing 172,993 Square Feet of land, more or less.



FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR ABSTRACT, DEED, CONTRACT AND LOCAL BUILDING LINE REGULATION.
Compare your points before building by the same, and AT ONCE report any difference.

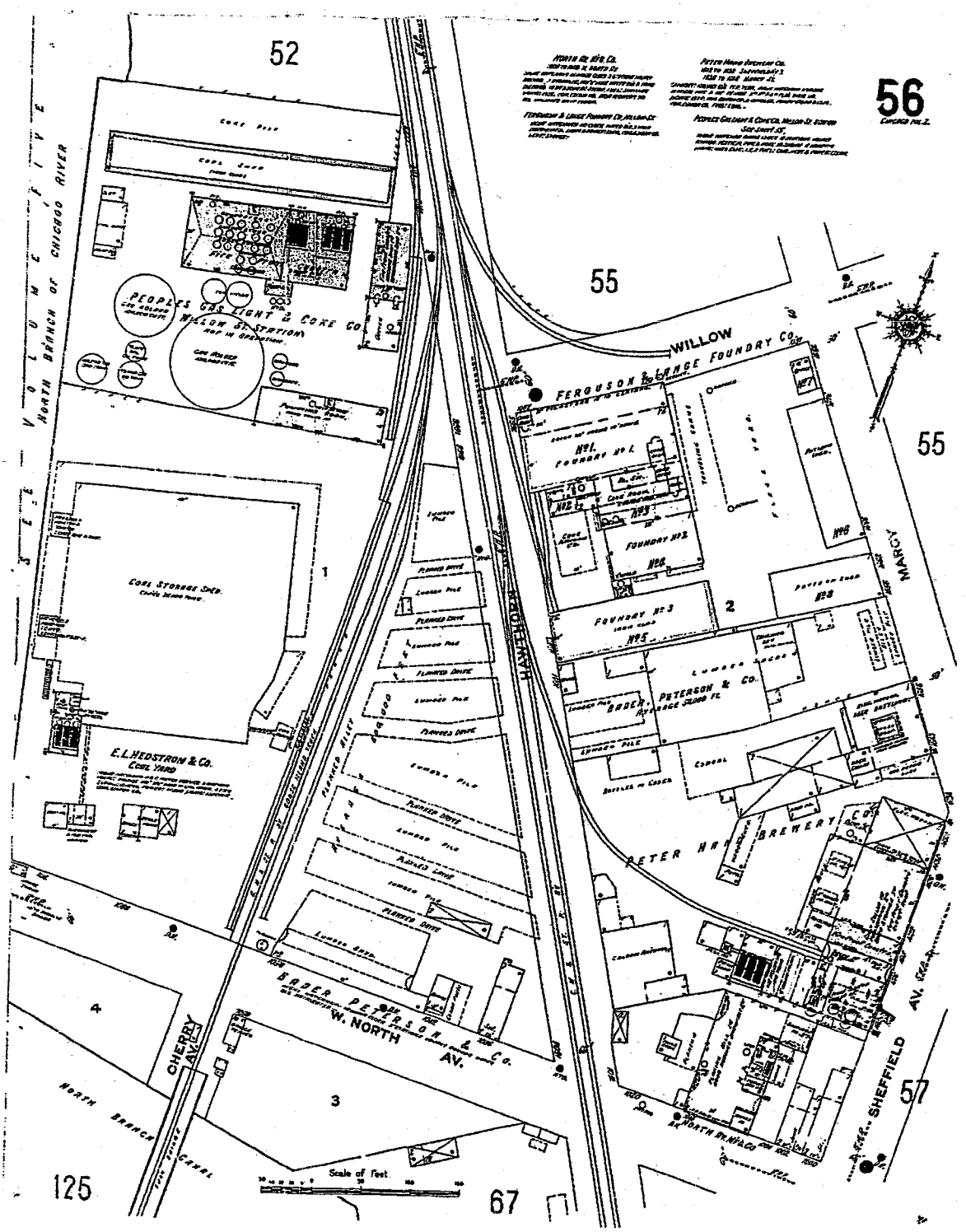
State of Illinois)
County of Cook) S.S.

Chicago Guarantee Survey Company, an Illinois corporation licensed as an Illinois Registered Land Surveyor, hereby certifies that a survey has been made under the direction and supervision of Ronald Leipnitz, an Illinois Registered Land Surveyor, of the property described above, and that the plat hereon drawn is a correct representation of said survey.

Chicago, May 29, 1974

Chicago Guarantee Survey Company
By Harry L. Kraemer
President

APPENDIX B
SANBORN MAPS
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION



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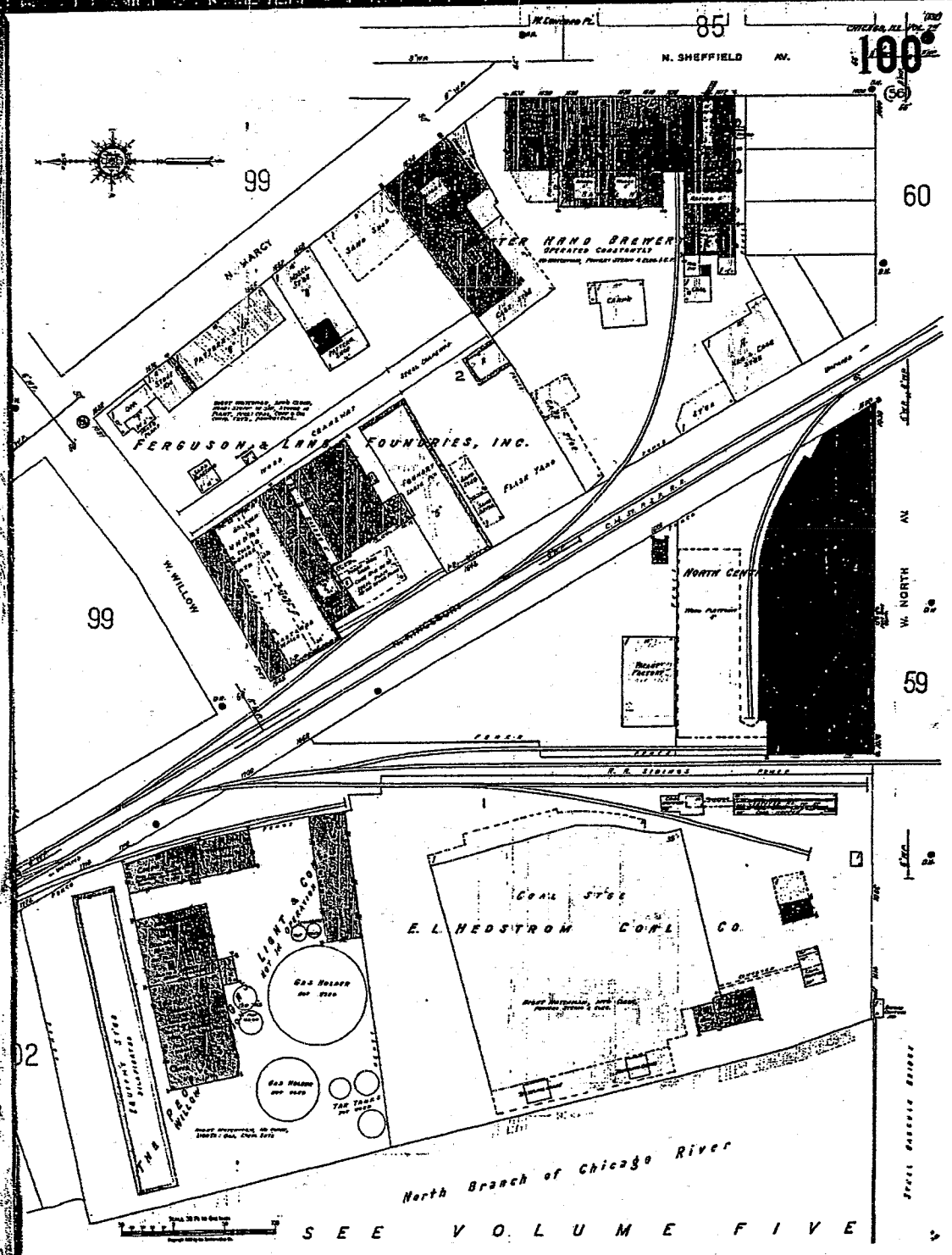

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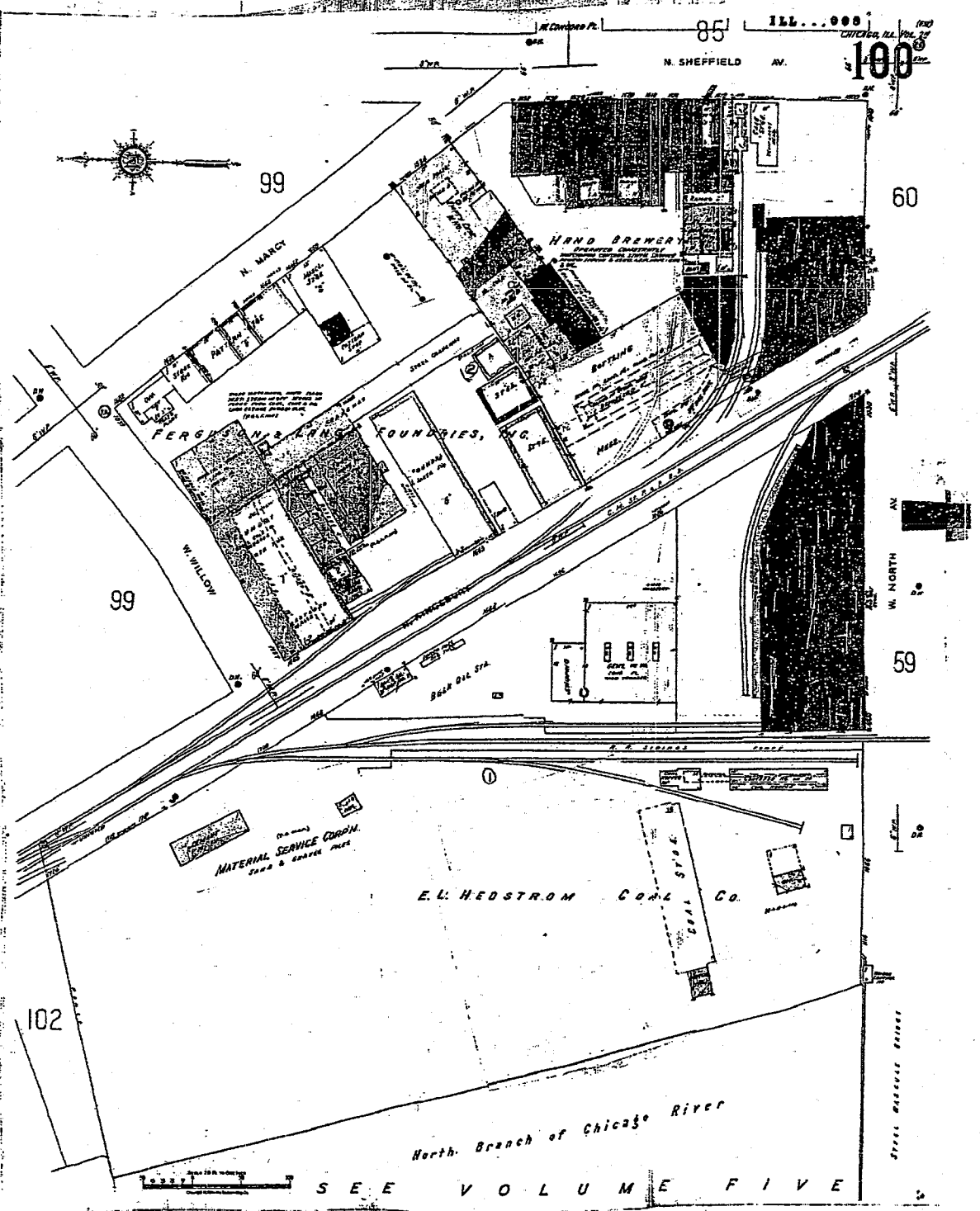

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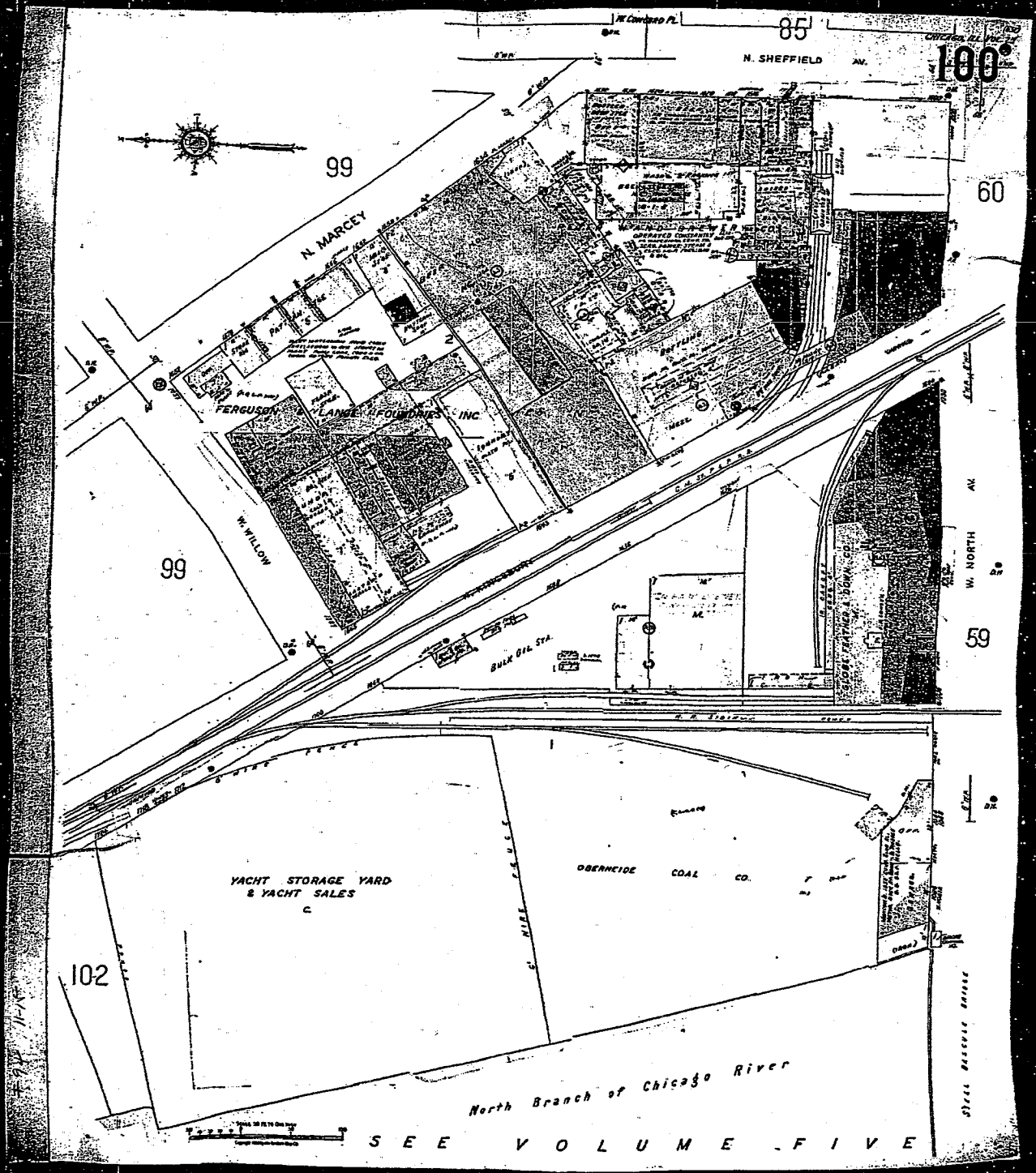

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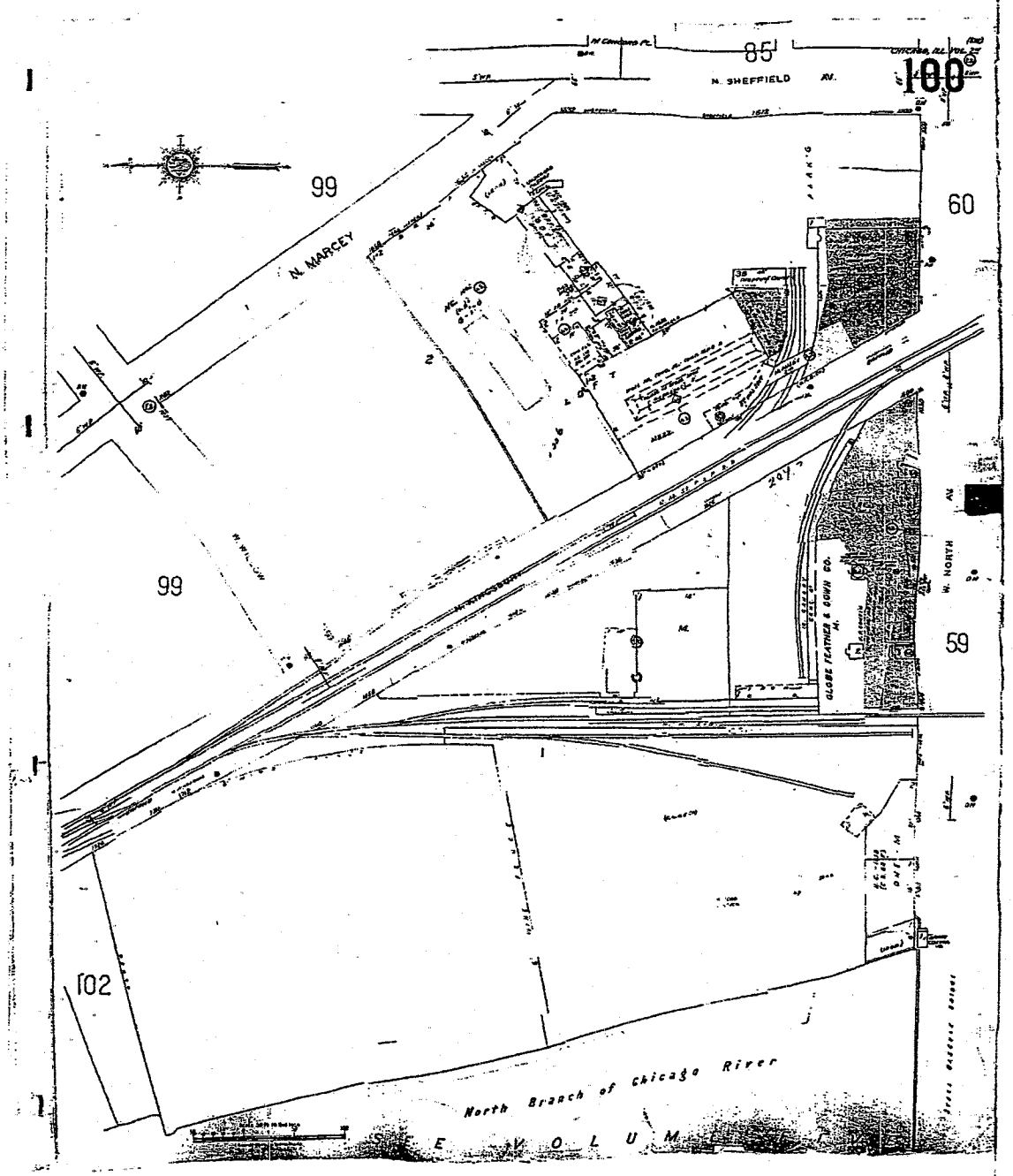

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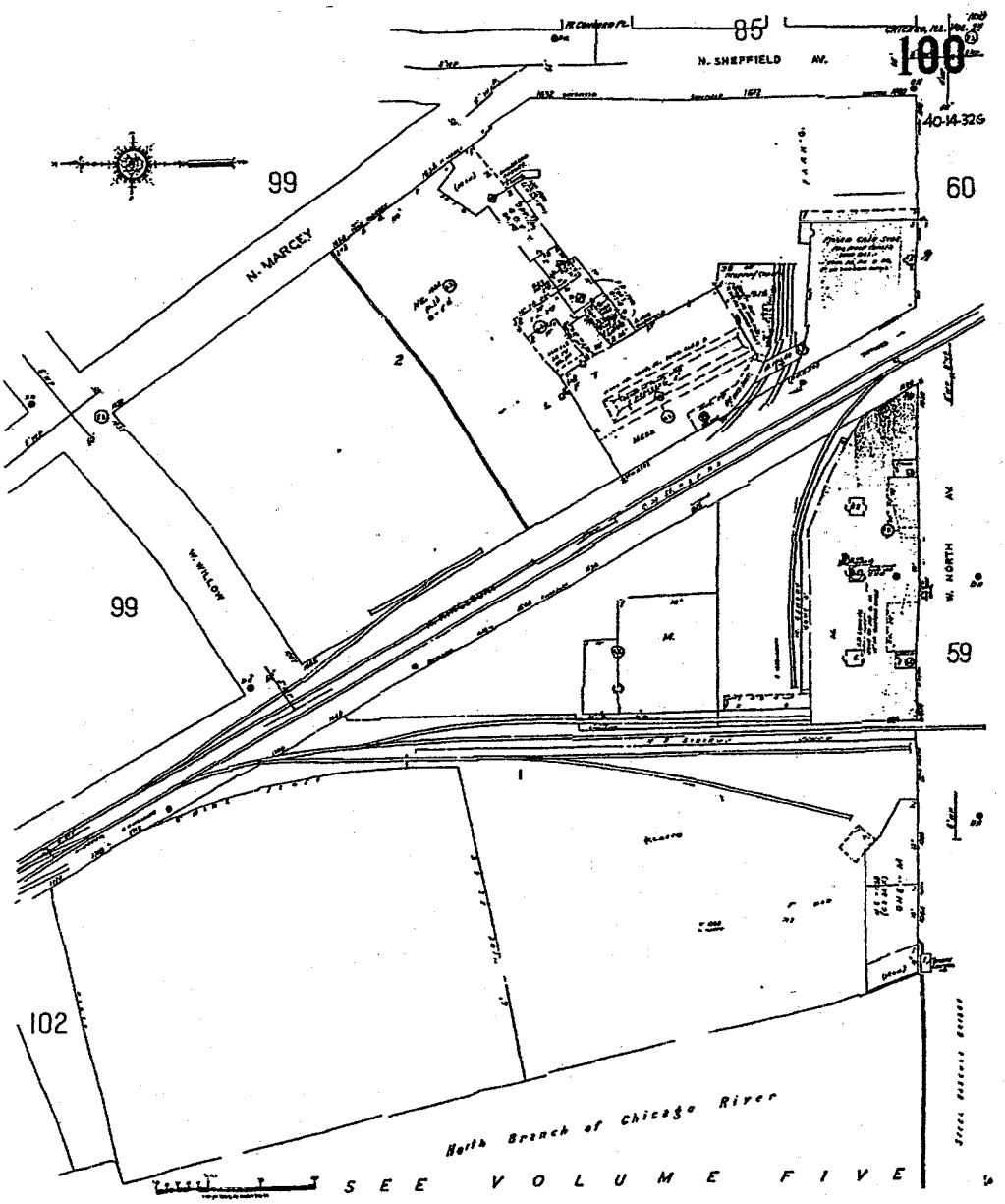

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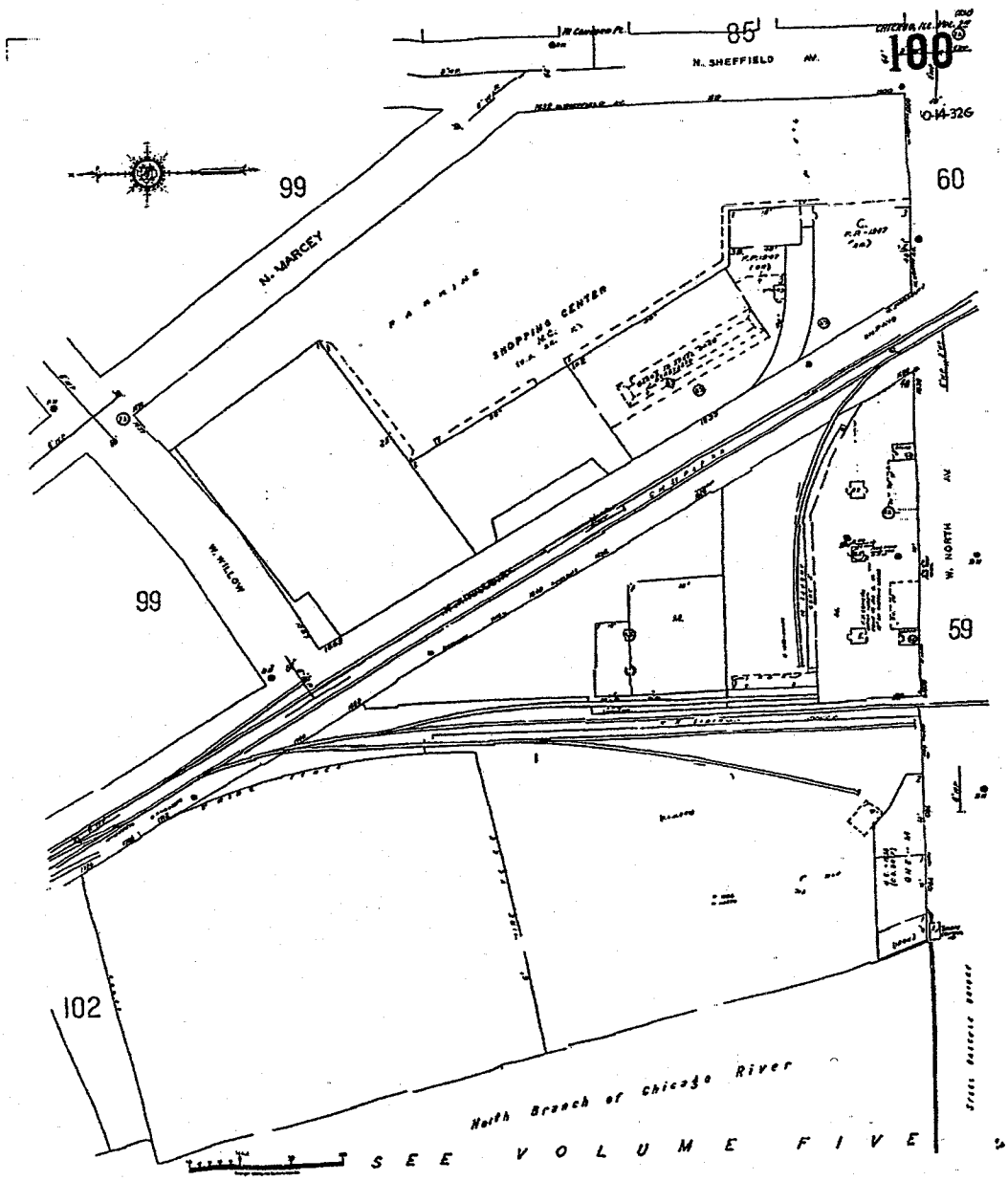

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APPENDIX C
EDR RADIUS MAP WITH GEOCHECK®
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

The EDR Radius Map
with GeoCheck®

Willow Street Station
1701 Kingsbury Street
Chicago, IL 60614

Inquiry Number: 907691.1s

January 08, 2003

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-ROG

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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	A-26

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1701 KINGSBURY STREET
CHICAGO, IL 60614

COORDINATES

Latitude (North):	41.912900 - 41' 54' 46.4"
Longitude (West):	87.656300 - 87' 39' 22.7"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	445571.1
UTM Y (Meters):	4640100.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2441087-H6 CHICAGO LOOP, IL
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
PEOPLES GAS LIGHT & COKE WILLOW ST STA 1701-1763 KINGSBURY CHICAGO, IL 60614	CERCLIS FINDS	ILD982074759

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

IMPDMENT..... Surface Impoundment Inventory

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/15/2002 has revealed that there is 1 CERCLIS site within approximately 0.625 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
FRANCHE D C & CO	*1401-90 W WABANSIA AVE*	*1/4 - 1/2 W*	*U85*	*75*

CERCLIS-NFRAP: As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there are

EXECUTIVE SUMMARY

2 CERC-NFRAP sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ACCURATE DIE & STAMPING COMPAN	1947 NORTH MAUD AVENUE	1/4 - 1/2 N	47	49

Lower Elevation	Address	Dist / Dir	Map ID	Page
ELKWOOD PLATING INCORPORATED	*1657 NORTH ELSTON AVENU*	*1/4 - 1/2 W*	*T88*	*80*

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/29/2002 has revealed that there are 4 CORRACTS sites within approximately 1.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LISSNER CORP	*1000 N OGDEN AVE*	*1 - 2 S*	*139*	*114*

Lower Elevation	Address	Dist / Dir	Map ID	Page
ELKWOOD PLATING INCORPORATED	*1657 NORTH ELSTON AVENU*	*1/4 - 1/2 W*	*T88*	*80*
AERO PLATING WORKS	*1860 N ELSTON*	*1/2 - 1 WNW*	*X108*	*94*
REICHOLD CHEMICALS	*2100 N ELSTON AVE*	*1/2 - 1 NW*	*AC131*	*108*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-TSD site within approximately 0.625 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
AERO PLATING WORKS	*1860 N ELSTON*	*1/2 - 1 WNW*	*X108*	*94*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 9 RCRIS-LQG sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GREAT LAKES TERMINAL & TRANSPO	*1750 N KINGSBURY ST*	*0 - 1/8 NNE*	*A3*	*21*
BATES INC	*1840 N MARCEY ST*	*1/8 - 1/4 N*	*B14*	*28*
LUCKY 1 HR CLEANERS	*1745 N SHEFFIELD AVE*	*1/8 - 1/4 E*	*18*	*31*
MULLIGAN SCHOOL	*1855 N SHEFFIELD*	*1/8 - 1/4 NE*	*32*	*40*
BUDGET RENT A CAR	*1135 W ARMITAGE*	*1/4 - 1/2 N*	*S79*	*71*

Lower Elevation	Address	Dist / Dir	Map ID	Page
PROCTER & GAMBLE MFG CO	*1232 W NORTH AVE*	*1/8 - 1/4 SSW*	*F22*	*33*
U S STEEL CORP SUPPLY DIV PAIN	*1649 N THROOP ST*	*1/8 - 1/4 W*	*33*	*40*

Lower Elevation	Address	Dist / Dir	Map ID	Page
SVC ABOVE BEYOND	*1512 N TROOP*	*1/4 - 1/2 SW*	*71*	*65*
FRANCHE D C & CO	*1401-90 W WABANSIA AVE*	*1/4 - 1/2 W*	*U85*	*75*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 24 RCRIS-SQG sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TRIZECHAHN CLYBOURN TECH CTR	*1840 N CLYBOURN AVE*	*1/8 - 1/4 NE*	*C12*	*27*
DURACO INC	*1025 W NORTH AVE*	*1/8 - 1/4 SE*	*G23*	*34*
S STEIN & COMPANY	*1030 W NORTH AVE*	*1/8 - 1/4 SE*	*G24*	*35*
LOCK UP CLYBOURN	*1920 N CLYBOURN ST*	*1/8 - 1/4 N*	*25*	*35*
HANLEY DAWSON TECH CTR	*1630 N SHEFFIELD*	*1/8 - 1/4 SE*	*E26*	*36*
GENERAL IRON INDUSTRIES INC	*1909 N CLIFTON AVE*	*1/8 - 1/4 NNW*	*H30*	*38*
SWAN CLEANERS	*1953 N CLYBOURN*	*1/8 - 1/4 N*	*I35*	*41*
CHICAGO ETCHING CORP	*1555 N SHEFFIELD*	*1/4 - 1/2 SE*	*K43*	*47*
HITACHI INSTRUMENTS	*1928 N SHEFFIELD*	*1/4 - 1/2 NE*	*46*	*48*
GOLD COAST AUTO BODY	*925 W NORTH AVE*	*1/4 - 1/2 ESE*	*L50*	*50*
MIDWEST ZINC DIV OF US ZINC	*1001 W WEED ST*	*1/4 - 1/2 SSE*	*M53*	*52*
LAKE CITY PLATING WORKS INC	*917 W NORTH AVE*	*1/4 - 1/2 ESE*	*L54*	*52*
FIRESTONE	*909 W NORTH AVE*	*1/4 - 1/2 ESE*	*L61*	*57*
SEIGLES ANZALONE BLDG CTR	*900 W NORTH AVE*	*1/4 - 1/2 ESE*	*P68*	*62*
AMERICAN AUTOMOTIVE PARTS INC	*900 W WEED*	*1/4 - 1/2 SE*	*Q81*	*73*
HEDMAN LOFTS	*1158 W ARMITAGE AVE*	*1/4 - 1/2 N*	*83*	*74*

Lower Elevation	Address	Dist / Dir	Map ID	Page
HOME DEPOT #1912	*1232 W NORTH AVE*	*1/8 - 1/4 SSW*	*F21*	*33*
CHICAGO CITY OF FLEET ADMIN	*1685 N THROOP*	*1/4 - 1/2 W*	*J37*	*42*
DAVIES PLATING INC	*1620 N TROOP*	*1/4 - 1/2 WSW*	*39*	*44*
KILOBAR COMPACTING CORP	*1700 N THROOP ST*	*1/4 - 1/2 WNW*	*J57*	*55*
WELDING APPARATUS CO	*1668 N ADA ST*	*1/4 - 1/2 W*	*N58*	*56*
JAMES PRECIOUS METALS PLATING	*1609-11 ELSTON AVE*	*1/4 - 1/2 WSW*	*R76*	*69*
ELKWOOD PLATING INCORPORATED	*1657 NORTH ELSTON AVENU*	*1/4 - 1/2 W*	*T88*	*80*
AMOCO 15691	*1600 N ELSTON AND NORTH*	*1/4 - 1/2 WSW*	*R89*	*81*

STATE ASTM STANDARD

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Illinois Environmental Protection Agency's Category List.

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ELECTRO FINISHERS	1662 W. FULLERTON	1 - 2 NW	140	114

EXECUTIVE SUMMARY

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Illinois Environmental Protection Agency's Available Disposal for Solid Waste in Illinois--Solid Waste Landfills Subject to State Surcharge list.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WASTE MGT.-METRO/CHICAGO TRANS	1500 N. HOOKER ST.	1/2 - 1 SSE	118	102

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 11/20/2002 has revealed that there are 37 LUST sites within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TRIZEC HAHN TECHNOLOGY CENTER	1840 NORTH CLYBOURN	1/8 - 1/4 NE	C10	26
GENERAL IRON INDUSTRIES	1066 WEST NORTH AVE.	1/8 - 1/4 SSE	D16	29
URBCON INC.	1714 NORTH SHEFFIELD	1/8 - 1/4 ESE	E20	32
SCHULA ASSOC. LTD. PARTNERSHIP	1630 NORTH SHEFFIELD	1/8 - 1/4 SE	E27	36
MCZ DEVELOPMENT INC.	1555 NORTH SHEFFIELD	1/4 - 1/2 SE	K40	44
ST. TERESA CATHOLIC CHURCH	1930 NORTH KENMORE	1/4 - 1/2 NNE	48	49
NORTH AVE. COLLECTION	925 WEST NORTH AVE.	1/4 - 1/2 ESE	L49	50
SIEGLE'S HOME & BLDG CTR.	900 WEST NORTH AVE.	1/4 - 1/2 ESE	P66	61
SEIGLE'S HOME & BUILDING CENTE	900 WEST NORTH AVE.	1/4 - 1/2 ESE	P67	61
OFF TRACK BETTING	911 WEED ST., 901-911 W	1/4 - 1/2 SE	Q72	65
TRI EQUITIES LLC	865 WEST NORTH AVE.	1/4 - 1/2 ESE	P78	70
BUDGET RENT A CAR	***1135 W ARMITAGE***	***1/4 - 1/2 N***	***S79***	***71***
CARBIT PAINT CO	***927 W BLACKHAWK ST***	***1/4 - 1/2 SE***	***W97***	***86***
CAR BIT PAINT CO.	927 WEST BLACKHAWK ST.	1/4 - 1/2 SE	W98	87
DUPAGE AIRPORT AUTHORITY	31 W 775 NORTH AVE.	1/4 - 1/2 ESE	100	88
A. FINKL & SONS CO.	1900 NORTH SOUTHPORT AV	1/4 - 1/2 NW	101	89
AMOCO OIL CO. #5093	1560 NORTH HALSTED	1/4 - 1/2 ESE	104	91
GENERAL PAINT & CHEMICAL CO BL	***823 W BLACKHAWK AVE***	***1/4 - 1/2 SE***	***105***	***91***
FR. DONALD OURS	2130 NORTH KENMORE AVE.	1/2 - 1 N	106	93
EQUILON ENTERPRISES	1525 WEST NORTH AVE.	1/2 - 1 WSW	Y109	96
SHELL OIL CO	***1525 W NORTH AVE***	***1/2 - 1 WSW***	***Y110***	***97***
GOMEZ SHELL	1525 WEST NORTH AVE.	1/2 - 1 WSW	Y111	98
SCRIBCOR INC.	1533 WEST NORTH AVE.	1/2 - 1 WSW	Y112	98
CHICAGO PARK DIST.	1419 WEST BLACKHAWK	1/2 - 1 SW	113	99
CHICAGO HOUSING AUTHORITY	1531 WEST CLYBOURN AVE.	1/2 - 1 ESE	114	100
COMETCO	1509 WEST CORTLAND	1/2 - 1 WNW	Z116	101
CHICAGO WELDING & BOILER REPAI	2145 NORTH CLYBOURN AVE	1/2 - 1 NNW	120	103

Lower Elevation	Address	Dist / Dir	Map ID	Page
RMHC CORP.	1535 NORTH ELSTON AVE.	1/4 - 1/2 SW	O74	68
R.S. INDUSTRIES INC.	1651 NORTH ELSTON AVE.	1/4 - 1/2 W	T84	75
MUSKIE ENTERPRISES	1401 WEST NORTH AVE.	1/4 - 1/2 WSW	R91	82
NORTHTOWN AUTOMOTIVE	1400 WEST NORTH AVE.	1/4 - 1/2 WSW	R92	82
KLEMP CORP	***1132 BLACKHAWK***	***1/4 - 1/2 S***	***V95***	***85***
REXROAD HANNA CORP.	1765 NORTH ELSTON	1/4 - 1/2 W	99	88
MORTON SALT CO.	1357 NORTH ELSTON AVE.	1/4 - 1/2 SSW	102	89

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
NATIONAL BY PROD.	1371 NORTH NORTH BRANCH	1/4 - 1/2 S	103	90
EXOHO ASSOC. LTD. PARTNERSHIP	1824 NORTH BESLY	1/2 - 1 WNW	X107	93
FIRE KING SERVICE INC.	1901 NORTH ELSTON AVE.	1/2 - 1 WNW	Z117	101

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 12/04/2002 has revealed that there are 31 UST sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GREAT LK TERMINAL/TRANSPORT	1750 N KINGSBURY ST	0 - 1/8 NNE	A2	5
HICKORY CORP	1780 N MARCEY ST	0 - 1/8 NNE	5	21
FORMER ARTMARK BUILDING	1840 N CLYBOURN	1/8 - 1/4 NE	C11	27
REPUBLIC PIP & SUPPLY CO	1885 N CLYBOURN	1/8 - 1/4 NNE	15	28
GENERAL IRON INDUSTRIES	1066 W. NORTH AVENUE	1/8 - 1/4 SSE	D17	30
URBCON INC	1714 N SHEFFIELD AVE	1/8 - 1/4 ESE	E19	32
HANLEY DAWSON TECH CTR	1630 N SHEFFIELD AVE	1/8 - 1/4 SE	E28	37
GENERAL IRON INDUSTRIES INC	1909 N CLIFTON AVE	1/8 - 1/4 NNW	H31	39
WEED ST II LTD PARTNERSHIP	1001 W NORTH AVE	1/8 - 1/4 SE	34	41
CHICAGO BOILER CO	1965 CLYBOURN AVE	1/4 - 1/2 NNW	I36	42
MCZ DEVELOPMENT INC	1555 N SHEFFIELD	1/4 - 1/2 SE	K42	45
REPUBLIC PIPE & SUPPLY CO	1970 CLYBOURN AVE	1/4 - 1/2 NNW	I44	47
VACANT PROPERTY	947 W NORTH AVE	1/4 - 1/2 ESE	L45	48
LOEBER MOTORES	925 W NORTH AVE	1/4 - 1/2 ESE	L51	51
VACANT PRPERTY	915-17 W NORTH AVE	1/4 - 1/2 ESE	L56	53
SEIGLE HOMES CENTER	900 W NORTH AVE	1/4 - 1/2 ESE	P65	59
865 W NORTH AVE BUILDING	865 W NORTH AVE	1/4 - 1/2 ESE	P77	70
BUDGET RENT A CAR SYSTEM, INC.	1135 W. ARMITAGE	1/4 - 1/2 N	S80	72
BARRISTER DEVELOP	901 W WEED	1/4 - 1/2 SE	Q82	74
ST THERESA OF AVILA	1037 W ARMITAGE AVE	1/4 - 1/2 NNE	90	81

Lower Elevation	Address	Dist / Dir	Map ID	Page
PROCTER & GAMBLE MFG CO	1232 W N AVE	1/8 - 1/4 WSW	8	23
DEPT OF FLEET MGMT	1685 N THROOP ST	1/4 - 1/2 W	J38	43
1348 W CONCORD BLDG	1348 W CONCORD	1/4 - 1/2 WSW	N60	57
MUSKIE ENTERPRISES	1322 W NORTH AVE	1/4 - 1/2 WSW	O63	58
AMOCO SS #15691/FAC #24662	1600 N ELSTON	1/4 - 1/2 WSW	R73	66
ELSTON INVESTORS LLC	1535 N ELSTON AVE	1/4 - 1/2 SW	O75	69
FORMER D C FRANCHE PAIN	1401 WABANSIA AVE	1/4 - 1/2 W	U86	76
COLUMBIA GRANT HOSPITAL WH	1400 W WABANSIA	1/4 - 1/2 W	U87	79
ELKWOOD PLATING INCORPORATED	***1657 NORTH ELSTON AVENU***	***1/4 - 1/2 W***	***T88***	***80***
NORTOWN AUTOMOTIVE	1400 W. NORTH AVE.	1/4 - 1/2 WSW	R93	83
TRI R VENDING ARMO CROP	1401 W NORTH AVE	1/4 - 1/2 WSW	R94	83

CAT: Illinois Category List.

A review of the CAT list, as provided by EDR, and dated 06/01/1997 has revealed that there is 1 CAT site within approximately 1.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MIDWEST INDUSTRIAL METALS CORP	***1111 N CHERRY AVE***	***1/2 - 1 SSE***	***130***	***108***

STATE OR LOCAL ASTM SUPPLEMENTAL

A review of the SRP list, as provided by EDR, and dated 11/12/2002 has revealed that there are 29 SRP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PEOPLES GAS AND LIGHT	1700 NORTH MARCEY STREE	0 - 1/8 E	6	22
PEOPLES GAS AND LIGHT	1818-1854 NORTH MARCEY	1/8 - 1/4 N	B7	23
TRIZEC HAHN CLYBOURN TECHNOLOG	1840 NORTH CLYBOURN AVE	1/8 - 1/4 NE	C9	26
MCZ DEVELOPMENT	1555 NORTH SHEFFIELD AV	1/4 - 1/2 SE	K41	45
MIDWEST ZINC	1001 WEST WEED STREET	1/4 - 1/2 SSE	M52	51
LAKE CITY PLATING WORKS	917 WEST NORTH AVENUE	1/4 - 1/2 ESE	L55	53
ACHIEVOR TIRE, L.P.	2000 NORTH CLYBOURN AVE	1/4 - 1/2 NNW	64	59
923 WEST WEED STREET L.L.C.	923 WEST WEED STREET	1/4 - 1/2 SE	Q70	64
COMETCO CORPORATION	1509 WEST CORTLAND STRE	1/2 - 1 WNW	Z115	100
NORTHTOWN VILLAGE	1421 NORTH HALSTED STRE	1/2 - 1 SE	AA119	102
NORTH TOWN VILLAGE	1401 NORTH HALSTED STRE	1/2 - 1 SE	AA121	103
PEOPLES GAS AND LIGHT	1241 WEST DIVISION STRE	1/2 - 1 SSW	AB125	105
ACHIEVOR TIRE, L.P.	1500 WEST WEBSTER	1/2 - 1 NW	129	107
OLD TOWN VILLAGE WEST	1198 NORTH HOWE STREET	1/2 - 1 SE	135	112
WANLAND & ASSOCIATES, INC.	1630 WEST DIVISION STRE	1/2 - 1 SW	137	113
PEOPLES GAS AND LIGHT	NW CORNER CROSBY / HO	1/2 - 1 SE	138	113

Lower Elevation	Address	Dist / Dir	Map ID	Page
SOUTH CHICAGO CABLE, INC.	1255 WEST NORTH AVENUE	1/8 - 1/4 SW	F29	38
1348 WEST CONCORD BUILDING	1348 WEST CONCORD PLACE	1/4 - 1/2 WSW	N59	56
MUSKIE ENTERPRISES	1322 WEST NORTH AVENUE	1/4 - 1/2 WSW	O62	58
ADAMA, LLC	1501 NORTH MAGNOLIA	1/4 - 1/2 SSW	69	62
KLEMP CORPORATION	1132 BLACKHAWK STREET	1/4 - 1/2 S	V96	85
CMC HEARTLAND PARTNERS	1220 NORTH HICKORY AVEN	1/2 - 1 SSE	122	104
CTRE, INC.	2001 NORTH ELSTON AVENU	1/2 - 1 WNW	123	104
FEDERAL EXPRESS CORPORATION	875 WEST DIVISION STREE	1/2 - 1 SSE	126	106
ORLOFF JAGUAR	1924 NORTH PAULINA STRE	1/2 - 1 WNW	127	106
BAKER DEVELOPMENT CORPORATION	2062 NORTH ELSTON AVENU	1/2 - 1 WNW	128	107
POLYCHROME CHEMICAL CORPORATIO	2100 NORTH ELSTON AVENU	1/2 - 1 NW	AC132	110
FLORENCE CORPORATION	2101 NORTH ELSTON AVENU	1/2 - 1 NW	AC133	111
REICHHOLD CHEMICALS, INC.	2120 NORTH ELSTON AVENU	1/2 - 1 NW	AC134	111

NIPC: NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites that previously had never been identified largely because, prior to 1971, there was no obligation to register such sites. The data come from the Northeastern Illinois Planning Commission's Solid Waste Landfill Inventory.

A review of the IL NIPC list, as provided by EDR, has revealed that there is 1 IL NIPC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WILLOW ST/CLYBOURN AVE		1/8 - 1/4 ENE	C13	28

EXECUTIVE SUMMARY

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 3 Coal Gas sites within approximately 1 mile of the target property.

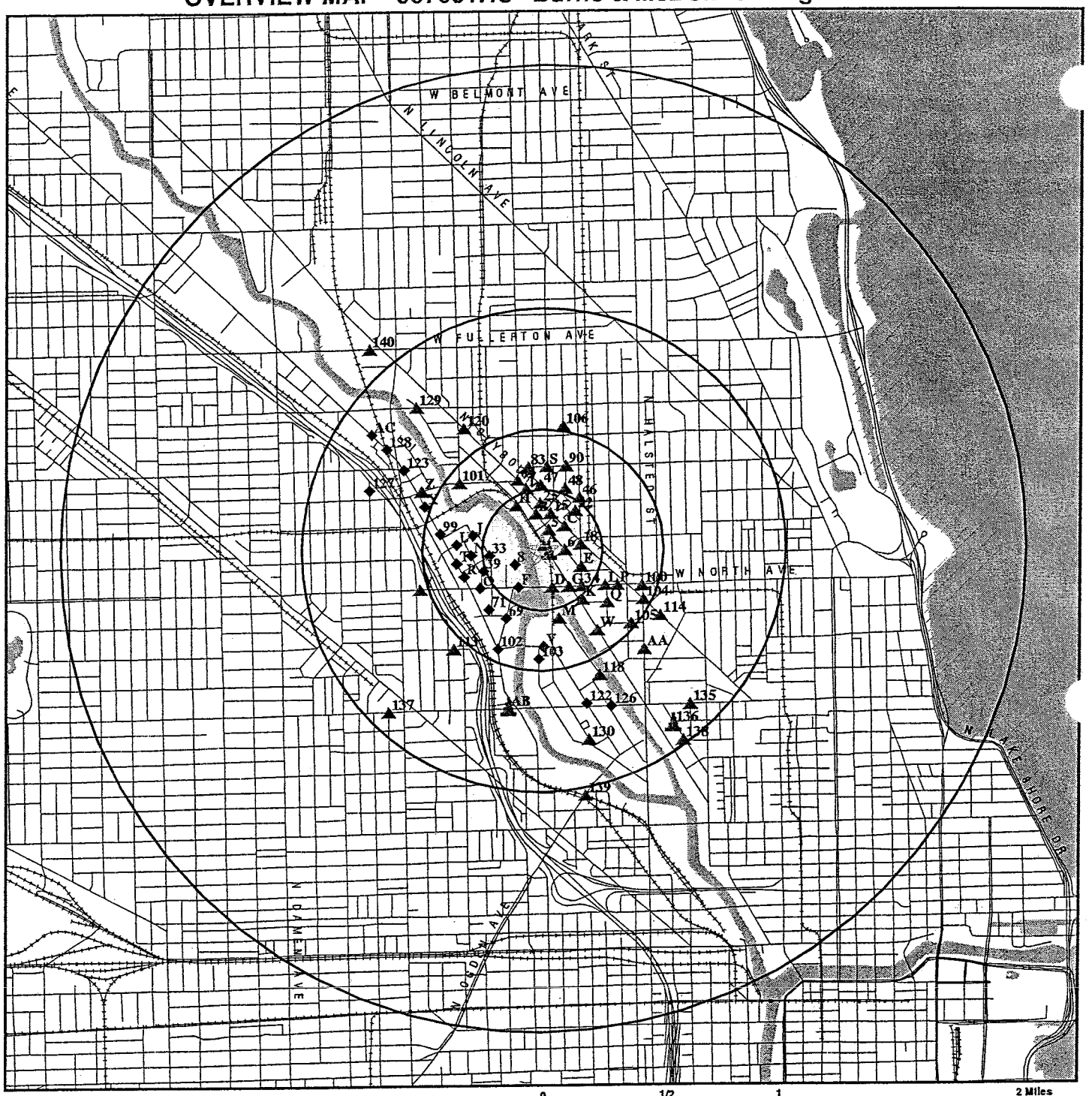
Equal/Higher Elevation	Address	Dist / Dir		Map ID	Page
PEOPLES GAS LIGHT AND COKE - W	1725 KINGSBURY	0 - 1/8	ESE	A4	21
PEOPLES GAS LIGHT AND COKE - D	1223 W. DIVISION STREET	1/2 - 1	SSW	AB124	105
PEOPLES GAS LIGHT AND COKE - N	1112 HOWE OR 1142 CROSB	1/2 - 1	SE	136	113

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
AMOCO OIL CO. #5091	LUST
AKZO SALT INC.	LUST
CHAS. LEVY TRANSPORTATION CO.	LUST
IL MEDICAL DIST.	LUST
IL MEDICAL DIST.	LUST
ST. VINCENT DEPAUL CENTER	LUST
VULCAN MATERIALS	LUST
HAYES MACHINERY	LUST
COOK COUNTY HWY DEPT	RCRIS-SQG, FINDS

OVERVIEW MAP - 907691.1s - Burns & McDonnell Eng. Co Inc



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands

TARGET PROPERTY:	Willow Street Station	CUSTOMER:	Burns & McDonnell Eng. Co Inc
ADDRESS:	1701 Kingsbury Street	CONTACT:	Diane Saftic
CITY/STATE/ZIP:	Chicago IL 60614	INQUIRY #:	907691.1s
LAT/LONG:	41.9129 / 87.6563	DATE:	January 08, 2003 1:49 pm

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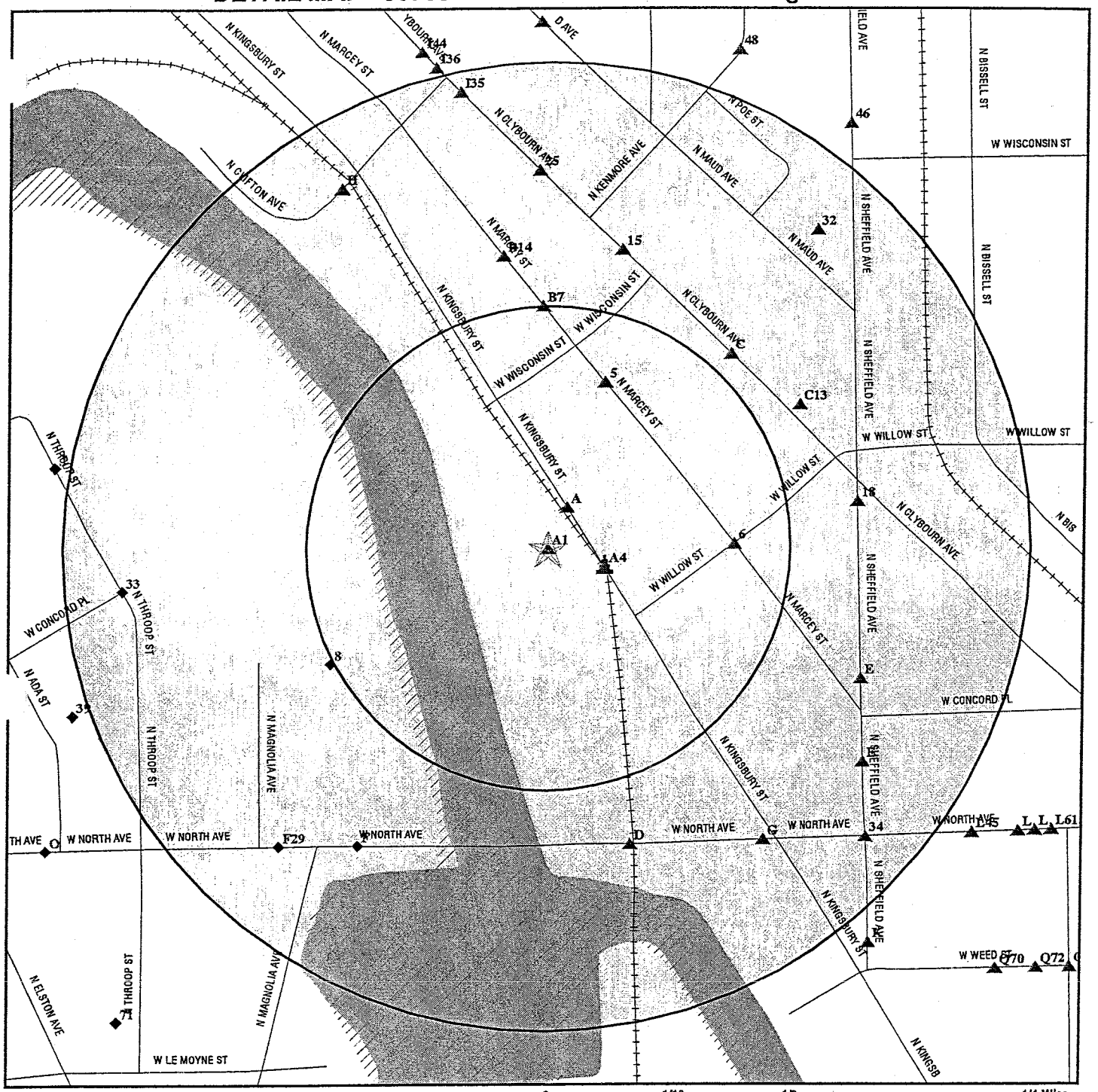
DETAIL MAP - 907691.1s - Burns & McDonnell Eng. Co Inc



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands

TARGET PROPERTY:	Willow Street Station	CUSTOMER:	Burns & McDonnell Eng. Co Inc
ADDRESS:	1701 Kingsbury Street	CONTACT:	Diane Saftic
CITY/STATE/ZIP:	Chicago IL 60614	INQUIRY #:	907691.1s
LAT/LONG:	41.9129 / 87.6563	DATE:	January 08, 2003 1:50 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.125	0	0	0	0	0	0
Proposed NPL		1.125	0	0	0	0	0	0
CERCLIS	X	0.625	0	0	1	0	NR	1
CERC-NFRAP		0.375	0	0	2	NR	NR	2
CORRACTS		1.125	0	0	1	2	1	4
RCRIS-TSD		0.625	0	0	0	1	NR	1
RCRIS Lg. Quan. Gen.		0.375	1	5	3	NR	NR	9
RCRIS Sm. Quan. Gen.		0.375	0	8	16	NR	NR	24
ERNS		0.125	0	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.125	0	0	0	0	1	1
State Landfill		0.625	0	0	0	1	NR	1
LUST		0.625	0	4	22	11	NR	37
UST		0.375	2	8	21	NR	NR	31
IMPDMENT		0.500	0	0	0	NR	NR	0
CAT		1.125	0	0	0	1	0	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
SRP		1.000	1	3	9	16	NR	29
IL NIPC		0.500	0	1	0	NR	NR	1
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	1	0	0	2	NR	3
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

A1 Target Property — **PEOPLES GAS LIGHT & COKE WILLOW ST STA**
1701-1763 KINGSBURY
CHICAGO, IL 60614

CERCLIS 1000348141
FINDS ILD982074759

Site 1 of 4 in cluster A

CERCLIS Classification Data:
Site Incident Category: Not reported
Non NPL Status: SI Start Needed
Ownership Status: Unknown
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS Assessment History:
Assessment: DISCOVERY — Completed: 01/29/1988
Assessment: PRELIMINARY ASSESSMENT — Completed: 01/06/1989

CERCLIS Site Status:
Low

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)

A2 NNE < 1/8 123 ft. Higher — **GREAT LK TERMINAL/TRANSPORT**
1750 N KINGSBURY ST
CHICAGO, IL 60614

UST U001142528
N/A

Site 2 of 4 in cluster A

UST:
Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/86 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 12000
Tank Age: 33

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 5
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 6
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 7
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 8
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 9
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 10
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 11
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 12
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 13
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 14
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 15
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 16
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 17
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Fee Owed: No
Tank Number: 18
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 19
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 20
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 21
Tank Capacity: 6000

GREAT LK TERMINAL/TRANSPORT (Continued) U001142528

Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 22
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 23
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 24
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Facility ID:	2012968
Status:	Closed
Owner Name:	Great Lake Terminal Transport
Owner Address:	1750 N Kingsbury St Chicago, IL 60614
Contact:	Tessmer Jr., Ernest
Phone #:	(312) 664-3500
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/85 00:00:00
Fee Owed:	No
Tank Number:	25
Tank Capacity:	6000
Tank Age:	33
Tank Red Tag:	No
Tank Substance:	Not reported

Facility ID:	2012968
Status:	Closed
Owner Name:	Great Lake Terminal Transport
Owner Address:	1750 N Kingsbury St Chicago, IL 60614
Contact:	Tessmer Jr., Ernest
Phone #:	(312) 664-3500
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/85 00:00:00
Fee Owed:	No
Tank Number:	26
Tank Capacity:	6000
Tank Age:	33
Tank Red Tag:	No
Tank Substance:	Not reported

Facility ID:	2012968
Status:	Closed
Owner Name:	Great Lake Terminal Transport
Owner Address:	1750 N Kingsbury St Chicago, IL 60614
Contact:	Tessmer Jr., Ernest
Phone #:	(312) 664-3500
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/85 00:00:00
Fee Owed:	No
Tank Number:	27
Tank Capacity:	6000
Tank Age:	33
Tank Red Tag:	No
Tank Substance:	Not reported

Facility ID:	2012968
Status:	Closed

GREAT LK TERMINAL/TRANSPORT (Continued) U001142528

Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 28
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 29
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 30
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 31
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 32
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 33
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 34
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 35
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 36
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Fee Owed: No
Tank Number: 37
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 38
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 39
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 40
Tank Capacity: 6000

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/88 00:00:00
Fee Owed: No
Tank Number: 41
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 42
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/88 00:00:00
Fee Owed: No
Tank Number: 43
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 44
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 45
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 46
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Abandoned in place
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 47
Tank Capacity: 12000
Tank Age: 37
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Abandoned in place
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 48
Tank Capacity: 12000
Tank Age: 37
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/86 00:00:00
Fee Owed: No
Tank Number: 49
Tank Capacity: 5000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614

GREAT LK TERMINAL/TRANSPORT (Continued) **U001142528**

Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/90 00:00:00
Fee Owed: No
Tank Number: 50
Tank Capacity: 5000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Diesel

A3 NNE < 1/8 123 ft. Higher — **GREAT LAKES TERMINAL & TRANSPORT CORP**, **1750 N KINGSBURY ST**, **CHICAGO, IL 60614** — **FINDS** **1000158599**, **RCRIS-LQG** **ILD067470641**

Site 3 of 4 in cluster A

RCRIS:
Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD067470641

Contact: ERNEST TESSMER
(312) 664-3500

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A4 ESE < 1/8 161 ft. Higher — **PEOPLES GAS LIGHT AND COKE - WILLOW STREET STATION**, **1725 KINGSBURY**, **CHICAGO, IL 60614** — **Coal Gas** **G000001017**, **N/A**

Site 4 of 4 in cluster A

COAL GAS SITE DESCRIPTION:
Site is between Kingsbury (Hawthorn) and Marcey, north of Willow and south of Wi). Site continues across the southwest side of Kingsbury over to the canal. By southwest side of Kingsbury are gone. Marerial Service Corp. sand and gravel pit site. Site is a CERCLIS Site Number ILD982074759.

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5 NNE < 1/8 478 ft. Higher — **HICKORY CORP**, **1780 N MARCEY ST**, **CHICAGO, IL 60614** — **UST** **U000173645**, **N/A**

HICKORY CORP (Continued) **U000173645**

UST:

Facility ID:	2024930
Status:	Closed
Owner Name:	Hickory Corp
Owner Address:	1780 N Marcey St Chicago, IL 60614
Contact:	Cosentine L G
Phone #:	(312) 664-7134
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	1
Tank Capacity:	2000
Tank Age:	24
Tank Red Tag:	No
Tank Substance:	Diesel

Facility ID:	2024930
Status:	Closed
Owner Name:	Hickory Corp
Owner Address:	1780 N Marcey St Chicago, IL 60614
Contact:	Cosentine L G
Phone #:	(312) 664-7134
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	2
Tank Capacity:	2000
Tank Age:	24
Tank Red Tag:	No
Tank Substance:	Gasoline

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6 East < 1/8 505 ft. Higher **PEOPLES GAS AND LIGHT**
1700 NORTH MARCEY STREET
CHICAGO, IL 60614

SRP **S104491530**
N/A

SRP:

IL EPA Id :	0316070022
US EPA Id :	Not reported
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Matuszak
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive Chicago, IL, 60601
Contact Phone :	3122404560
Date Enrolled :	01/13/1993
Consultant Company :	Not reported
Point Of Contact :	Not reported
Consultant Address:	

PEOPLES GAS AND LIGHT (Continued) — **S104491530**

Consultant Phone :	Not reported
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

B7 North 1/8-1/4 663 ft. Higher — **PEOPLES GAS AND LIGHT**, **1818-1854 NORTH MARCEY STREET**, **CHICAGO, IL 60614** — **SRP** — **S104491531** / **N/A**

Site 1 of 2 in cluster B

SRP:

IL EPA Id :	0316070023
US EPA Id :	Not reported
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Matuszak
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive Chicago, IL, 60601
Contact Phone :	3122404560
Date Enrolled :	01/13/1993
Consultant Company :	Not reported
Point Of Contact :	Not reported
Consultant Address:	
Consultant Phone :	Not reported
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

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8 WSW 1/8-1/4 671 ft. Lower — **PROCTER & GAMBLE MFG CO**, **1232 W N AVE**, **CHICAGO, IL 60622** — **UST** — **U001142971** / **N/A**

UST:

Facility ID:	2011758
Status:	Closed
Owner Name:	Procter & Gamble Manufacturing
Owner Address:	1232 W North Ave Chicago, IL 60622
Contact:	Wren Marvin F
Phone #:	(312) 738-9605
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	1
Tank Capacity:	550

PROCTER & GAMBLE MFG CO (Continued) U001142971

Tank Age: 10
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2011758
Status: Closed
Owner Name: Procter & Gamble Manufacturing
Owner Address: 1232 W North Ave
Chicago, IL 60622
Contact: Wren Marvin F
Phone #: (312) 738-9605
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 5/1/85 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 9600
Tank Age: 51
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2011758
Status: Closed
Owner Name: Procter & Gamble Manufacturing
Owner Address: 1232 W North Ave
Chicago, IL 60622
Contact: Wren Marvin F
Phone #: (312) 738-9605
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/02 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 15000
Tank Age: 25
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2011758
Status: Closed
Owner Name: Procter & Gamble Manufacturing
Owner Address: 1232 W North Ave
Chicago, IL 60622
Contact: Wren Marvin F
Phone #: (312) 738-9605
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 6/1/75 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 8500
Tank Age: 44
Tank Red Tag: No
Tank Substance: Not reported

PROCTER & GAMBLE MFG CO (Continued) **U001142971**

Facility ID:	2011758
Status:	Closed
Owner Name:	Procter & Gamble Manufacturing
Owner Address:	1232 W North Ave Chicago, IL 60622
Contact:	Wren Marvin F
Phone #:	(312) 738-9605
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	6/1/75 00:00:00
Fee Owed:	No
Tank Number:	5
Tank Capacity:	8500
Tank Age:	44
Tank Red Tag:	No
Tank Substance:	Not reported

Facility ID:	2011758
Status:	Closed
Owner Name:	Procter & Gamble Manufacturing
Owner Address:	1232 W North Ave Chicago, IL 60622
Contact:	Wren Marvin F
Phone #:	(312) 738-9605
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	6/1/75 00:00:00
Fee Owed:	No
Tank Number:	6
Tank Capacity:	8500
Tank Age:	44
Tank Red Tag:	No
Tank Substance:	Not reported

Facility ID:	2011758
Status:	Closed
Owner Name:	Procter & Gamble Manufacturing
Owner Address:	1232 W North Ave Chicago, IL 60622
Contact:	Wren Marvin F
Phone #:	(312) 738-9605
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	6/1/75 00:00:00
Fee Owed:	No
Tank Number:	7
Tank Capacity:	10000
Tank Age:	44
Tank Red Tag:	No
Tank Substance:	Not reported

C9
NE
1/8-1/4
725 ft.
Higher

TRIZEC HAHN CLYBOURN TECHNOLOGY CEN
1840 NORTH CLYBOURN AVENUE
CHICAGO, IL 60014

SRP **S105600625**
N/A

Site 1 of 5 in cluster C

SRP:

IL EPA Id :	0316070006
US EPA Id :	ILD084733583
Remediation Applicant Co :	Trizec Hahn Clybourn Technology Center, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Mark
Contact Last Name :	Matthews
Contact Address :	5225 Old Orchard Road
Contact Address:	5225 Old Orchard Road Suite 27A Skokie, IL, 60077
Contact Phone :	8475819155
Date Enrolled :	08/15/2001
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Joseph C. Kelly
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Salch, Ed
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	12/13/2001
NFR Recorded :	01/07/2002
Active :	False
Total Acres :	1.90000

C10
NE
1/8-1/4
725 ft.
Higher

TRIZEC HAHN TECHNOLOGY CENTER LLC
1840 NORTH CLYBOURN
CHICAGO, IL 60614

LUST **S104967907**
N/A

Site 2 of 5 in cluster C

LUST:

Incident Num :	20010328
IL EPA Id :	0316070006
IEMA Date :	2/23/01
Attn :	Mark Matthew
PRP Name :	Tri ec Hahn Technology Center LLC
PRP Address :	5225 Old Orchard Rd. Skokie, IL 60077
PRP Phone :	8475819155
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	McCain
Project Manager Phone:	(217) 785-6309
Email :	Robin.McCain@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	4/30/01
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False

TRIZEC HAHN TECHNOLOGY CENTER LLC (Continued) — **S104967907**

Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

C11 NE 1/8-1/4 725 ft. Higher — **FORMER ARTMARK BUILDING**, **1840 N CLYBOURN**, **CHICAGO, IL 60662** — **UST** — **U003763026**, **N/A**

Site 3 of 5 in cluster C

UST:

Facility ID:	2040353
Status:	Exempt
Owner Name:	Argent Group
Owner Address:	5225 Old Orchard Rd Skokie, IL 60077
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Gasoline

C12 NE 1/8-1/4 725 ft. Higher — **TRIZECHAHN CLYBOURN TECH CTR**, **1840 N CLYBOURN AVE**, **CHICAGO, IL 60062** — **RCRIS-SQG**, **FINDS** — **1000214589**, **ILD084733583**

Site 4 of 5 in cluster C

RCRIS:

Owner:	THE ARGENT GROUP (847) 581-9955
EPA ID:	ILD084733583
Contact:	RAOUL SMOCZYNSKI (312) 943-8900

Classification: Handler transports wastes for self, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
C13 ENE 1/8-1/4 789 ft. Higher	**WILLOW ST/CLYBOURN AVE** **CHICAGO, IL** **Site 5 of 5 in cluster C**	**IL NIPC**	**S100790222** **N/A**
B14 North 1/8-1/4 808 ft. Higher	**BATES INC** **1840 N MARCEY ST** **CHICAGO, IL 60614** **Site 2 of 2 in cluster B**	**FINDS** **RCRIS-LQG**	**1000986615** **ILR000001446**

RCRIS:

Owner: US SAMPLE CO
(312) 915-8330
EPA ID: ILR000001446

Contact: KAREN THOMA
(312) 975-8330

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)

15 NNE 1/8-1/4 837 ft. Higher	**REPUBLIC PIP & SUPPLY CO** **1885 N CLYBOURN** **CHICAGO, IL 60614**	**UST**	**U003667820** **N/A**

UST:

Facility ID: 2036640
Status: Exempt
Owner Name: Clybourn Avenue Associates Llc
Owner Address: 203 N Lasalle Street Suite 1800
C/O Rudnick & Wolfe
Chicago, IL 60601
Contact: Homer Richard S
Phone #: (312) 368-2100
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 1000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

REPUBLIC PIP & SUPPLY CO (Continued) **U003667820**

Facility ID:	2036640
Status:	Exempt
Owner Name:	Clybourn Avenue Associates Llc
Owner Address:	203 N Lasalle Street Suite 1800 C/O Rudnick & Wolfe Chicago, IL 60601
Contact:	Homer Richard S
Phone #:	(312) 368-2100
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	1000
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

D16 **GENERAL IRON INDUSTRIES** **LUST** **S104530308**
SSE **1066 WEST NORTH AVE.** **N/A**
1/8-1/4 **CHICAGO, IL 60622**
837 ft.
Higher **Site 1 of 2 in cluster D**

LUST:

Incident Num :	20000013
IL EPA Id :	0316070011
IEMA Date :	1/4/00
Attn :	Adam Ladkon
PRP Name :	General Iron Industries
PRP Address :	1909 North Clifton Ave. Chicago, IL 60614
PRP Phone :	7733279600
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	7/17/01
Site Classification :	Not reported
Project Manager :	Reynolds
Project Manager Phone:	(217) 557-7048
Email :	Lesli.Reynolds@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	11/27/00
45 Report Received :	2/23/00
NFR Date Recorded :	10/5/01

D17 SSE 1/8-1/4 837 ft. Higher — **GENERAL IRON INDUSTRIES, 1066 W. NORTH AVENUE, CHICAGO, IL 60614** — UST — U003668766 / N/A

Site 2 of 2 in cluster D

UST:

Facility ID:	2038988
Status:	Closed
Owner Name:	General Iron Industries, Inc.
Owner Address:	1090 North Clifton Ave. Chicago, IL 60614
Contact:	Adam Labkon
Phone #:	(773) 327-9600
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/76 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	10000
Tank Age:	99
Tank Red Tag:	No
Tank Substance:	Diesel

Facility ID:	2038988
Status:	Closed
Owner Name:	General Iron Industries, Inc.
Owner Address:	1090 North Clifton Ave. Chicago, IL 60614
Contact:	Adam Labkon
Phone #:	(773) 327-9600
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Does Not Exist
Tank Last Used:	1/1/76 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	1000
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Diesel

Facility ID:	2038988
Status:	Closed
Owner Name:	General Iron Industries, Inc.
Owner Address:	1090 North Clifton Ave. Chicago, IL 60614
Contact:	Adam Labkon
Phone #:	(773) 327-9600
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Does Not Exist
Tank Last Used:	12/31/76 00:00:00
Fee Owed:	No
Tank Number:	3
Tank Capacity:	10000
Tank Age:	Not reported
Tank Red Tag:	No

GENERAL IRON INDUSTRIES (Continued) **U003668766**

Tank Substance: Diesel

Facility ID: 2038988
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Adam Labkon
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 12/31/76 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 30000
Tank Age: 99
Tank Red Tag: No
Tank Substance: Diesel

Facility ID: 2038988
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Adam Labkon
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 12/31/76 00:00:00
Fee Owed: No
Tank Number: 5
Tank Capacity: 6500
Tank Age: 99
Tank Red Tag: No
Tank Substance: Gasoline

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18 East 1/8-1/4 856 ft. Higher

LUCKY 1 HR CLEANERS
1745 N SHEFFIELD AVE
CHICAGO, IL 60614

FINDS 1000463261
RCRIS-LQG ILD984817304

RCRIS:
Owner: KIM JIN
EPA ID: ILD984817304

Contact: JIN KIM
(312) 280-8438

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

LUCKY 1 HR CLEANERS (Continued) 1000463261

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E19 **URBCON INC** UST U001965194
ESE **1714 N SHEFFIELD AVE** N/A
1/8-1/4 **CHICAGO, IL 60614**
929 ft.
Higher **Site 1 of 5 in cluster E**

UST:

Facility ID:	2033087
Status:	Closed
Owner Name:	Urbcon Inc
Owner Address:	1777 N Clybourn Ave Chicago, IL 60614
Contact:	Weiner Howard
Phone #:	(312) 266-8885
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/02 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	1500
Tank Age:	96
Tank Red Tag:	No
Tank Substance:	Heating Oil

E20 **URBCON INC.** LUST S104523247
ESE **1714 NORTH SHEFFIELD** N/A
1/8-1/4 **CHICAGO, IL 60610**
929 ft.
Higher **Site 2 of 5 in cluster E**

LUST:

Incident Num :	940846
IL EPA Id :	0316085016
IEMA Date :	4/19/94
Attn :	Howard Weiner
PRP Name :	Urbcon Inc.
PRP Address :	1777 North Clybourn Ave. Chicago, IL 60614
PRP Phone :	Not reported
Non LUST Determination Letter :	6/23/94
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Reuter
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False

URBCON INC. (Continued) — **S104523247**

Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

F21 SSW 1/8-1/4 960 ft. Lower — **HOME DEPOT #1912**, **1232 W NORTH AVE**, **CHICAGO, IL 60622** — **RCRIS-SQG, FINDS** — **1004695667, ILR000023218**

Site 1 of 3 in cluster F

RCRIS:

Owner: THE HOME DEPOT
(770) 433-8211
EPA ID: ILR000023218

Contact: RENEE ARCHULETA
(619) 677-0150

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

F22 SSW 1/8-1/4 960 ft. Lower — **PROCTER & GAMBLE MFG CO**, **1232 W NORTH AVE**, **CHICAGO, IL 60622** — **FINDS, RCRIS-LQG, MLTS** — **1000181047, ILD042329680**

Site 2 of 3 in cluster F

RCRIS:

Owner: PROCTER & GAMBLE MFG CO
(312) 278-1502
EPA ID: ILD042329680

Contact: ALEX ZELISKO
(312) 738-9618

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

PROCTER & GAMBLE MFG CO (Continued) **1000181047**

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/26/1985
Actual Date Achieved Compliance:	01/10/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/08/1985
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/26/1985
Actual Date Achieved Compliance:	01/10/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/08/1985
Penalty Type:	Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860110
Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860110

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

MLTS:

License Number:	12-12842-01	First License Date:	0
License Date:	07/05/1984	Institution Code:	12842
License Expires:	10/31/1988	Primary Program:	Measuring Systems Fixed Gauges
License Use:	Measuring Systems Analytical Instruments		
Department:	Not reported	Building:	Not reported
Contact Name:	MICHAEL KENRON, PLANT RPO	Contact Phone:	Not reported
States Allowing Use:	Not reported		
Store Material:	No		
Redistribution:	No	Incineration:	No
Burial:	No		
Last Inspection:	03/1987		
Inspector Name:	Not reported		
Next Inspection:	99/9999		

G23 **DURACO INC** **RCRIS-SQG 1000144653**
SE **1025 W NORTH AVE** **FINDS ILD005182910**
1/8-1/4 **CHICAGO, IL 60622**
989 ft.
Higher **Site 1 of 2 in cluster G**

DURACO INC (Continued) **1000144653**

RCRIS:
Owner: FURTH SYDNEY M
(312) 555-1212
EPA ID: ILD005182910
Contact: STEVE YACYSHYN
(312) 943-2700
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

G24
SE
1/8-1/4
998 ft.
Higher

S STEIN & COMPANY
1030 W NORTH AVE
CHICAGO, IL 60622

RCRIS-SQG 1004695466
FINDS ILR000018275

Site 2 of 2 in cluster G

RCRIS:
Owner: STEIN L & STEIN JORDAN
(312) 649-7100
EPA ID: ILR000018275
Contact: TOM KEZIOS
(312) 649-7127
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

25
North
1/8-1/4
1031 ft.
Higher

LOCK UP CLYBOURN
1920 N CLYBOURN ST
CHICAGO, IL 60614

RCRIS-SQG 1000173600
FINDS ILD070013248

LOCK UP CLYBOURN (Continued) **1000173600**

RCRIS:
Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD070013248
Contact: HARRY SPENCER
(312) 327-3600
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E26 SE 1/8-1/4 1043 ft. Higher — **HANLEY DAWSON TECH CTR**, **1630 N SHEFFIELD**, **CHICAGO, IL 60614** — **RCRIS-SQG** **1000283011**, **FINDS** **ILD130882905**

Site 3 of 5 in cluster E

RCRIS:
Owner: HANLEY DAWSON
(312) 555-1212
EPA ID: ILD130882905
Contact: KEN LAMBROS
(312) 440-7354
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E27 SE 1/8-1/4 1043 ft. Higher — **SCHULA ASSOC. LTD. PARTNERSHIP**, **1630 NORTH SHEFFIELD**, **CHICAGO, IL 60614** — **LUST** **S104525857**, **N/A**

Site 4 of 5 in cluster E

LUST:

Incident Num :	911866
IL EPA Id :	0316075077
IEMA Date :	7/9/91
Attn :	Mort Skolnik
PRP Name :	Schula Assoc. Ltd. Partnership
PRP Address :	1000 West North Ave. Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported

SCHULA ASSOC. LTD. PARTNERSHIP (Continued) **S104525857**

NFA/NFR Letter :	9/27/91
Site Classification :	Not reported
Project Manager :	Irwin
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

E28 **HANLEY DAWSON TECH CTR** **UST** **U000791533**
SE **1630 N SHEFFIELD AVE** **N/A**
1/8-1/4 **CHICAGO, IL 60614**
1043 ft.
Higher **Site 5 of 5 in cluster E**

UST:

Facility ID:	2013523
Status:	Closed
Owner Name:	Hanley Dawson Chrysler Plymouth
Owner Address:	1630 N Sheffield Ave Chicago, IL 60614
Contact:	Posacki, Frank
Phone #:	(312) 440-7354
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	4/1/28 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	99
Tank Age:	99
Tank Red Tag:	No
Tank Substance:	Gasoline

Facility ID:	2013523
Status:	Closed
Owner Name:	Hanley Dawson Chrysler Plymouth
Owner Address:	1630 N Sheffield Ave Chicago, IL 60614
Contact:	Posacki, Frank
Phone #:	(312) 440-7354
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	4/1/28 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	99
Tank Age:	99

HANLEY DAWSON TECH CTR (Continued) — **U000791533**

Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2013523
Status: Closed
Owner Name: Hanley Dawson Chrysler Plymouth
Owner Address: 1630 N Sheffield Ave
Chicago, IL 60614
Contact: Posacki, Frank
Phone #: (312) 440-7354
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 4/1/28 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 99
Tank Age: 99
Tank Red Tag: No
Tank Substance: Used Oil

F29 SW 1/8-1/4 1092 ft. Lower — **SOUTH CHICAGO CABLE, INC.** — **SRP** — **S105151697** / **N/A**
1255 WEST NORTH AVENUE
CHICAGO, IL 60622

Site 3 of 3 in cluster F

SRP:

IL EPA Id :	0316246306
US EPA Id :	Not reported
Remediation Applicant Co :	South Chicago Cable, Inc.
Remediation Applicant Title :	Vice President
Contact First Name:	Ronald
Contact Last Name :	Hummel
Contact Address :	1255 West North Avenue
Contact Address:	1255 West North Avenue Chicago, IL, 60622
Contact Phone :	7733948686
Date Enrolled :	11/08/2001
Consultant Company :	Boelter & Yates, Inc.
Point Of Contact :	Fred Boelter, P.E.
Consultant Address:	1300 Higgins Road Suite 301 Park Ridge, IL, 60068
Consultant Phone :	(847) 692-4700
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/09/2002
NFR Recorded :	/ /
Active :	False
Total Acres :	3.30000

H30 NNW 1/8-1/4 1134 ft. Higher — **GENERAL IRON INDUSTRIES INC** — **RCRIS-SQG** — **1000213476**
1909 N CLIFTON AVE — **FINDS** — **ILD025136094**
CHICAGO, IL 60614

Site 1 of 2 in cluster H

GENERAL IRON INDUSTRIES INC (Continued) **1000213476**

RCRIS:
Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD025136094
Contact: NATHAN ROSENMUTTER
(312) 327-9600
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Permit Compliance System (PCS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

H31 NNW 1/8-1/4 1134 ft. Higher | **GENERAL IRON INDUSTRIES INC**
1909 N CLIFTON AVE
CHICAGO, IL 60614 | **UST** | **U000865219**
N/A

Site 2 of 2 in cluster H

UST:
Facility ID: 2005998
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Labkon Adam
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 1
Tank Capacity: 1000
Tank Age: 99
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2005998
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Labkon Adam
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 3/1/81 00:00:00

GENERAL IRON INDUSTRIES INC (Continued) — **U000865219**

Fee Owed: No
Tank Number: 2
Tank Capacity: 5000
Tank Age: 99
Tank Red Tag: No
Tank Substance: Diesel

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32 NE 1/8-1/4 1135 ft. Higher

MULLIGAN SCHOOL
1855 N SHEFFIELD
CHICAGO, IL 60651

FINDS 1001213667
RCRIS-LQG ILR000044073

RCRIS:
Owner: CHICAGO PUBLIC SCHOOLS
(773) 535-7038
EPA ID: ILR000044073
Contact: THOMAS CONNELLY
(708) 923-0202
Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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33 West 1/8-1/4 1167 ft. Lower

U S STEEL CORP SUPPLY DIV PAINT MILL
1649 N THROOP ST
CHICAGO, IL 60622

FINDS 1000132668
RCRIS-LQG ILD074379512

RCRIS:
Owner: US STEEL CORP
(312) 555-1212
EPA ID: ILD074379512
Contact: LOUIS MAU
(312) 646-3211
Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
34 SE 1/8-1/4 1176 ft. Higher	**WEED ST II LTD PARTNERSHIP 1001 W NORTH AVE CHICAGO, IL 60622**	**UST**	**U003104523 N/A**

UST:

Facility ID:	2035039
Status:	Exempt
Owner Name:	Weed St Ii Ltd Partnership
Owner Address:	105 Revere Dr #D C/O Crm Properties Group Northbrook, IL 60062
Contact:	Siavelis Chris
Phone #:	(847) 753-9000
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/1/73 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	1500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

Facility ID:	2035039
Status:	Exempt
Owner Name:	Weed St Ii Ltd Partnership
Owner Address:	105 Revere Dr #D C/O Crm Properties Group Northbrook, IL 60062
Contact:	Siavelis Chris
Phone #:	(847) 753-9000
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/1/73 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	1000
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Gasoline

I35 North 1/8-1/4 1265 ft. Higher	**SWAN CLEANERS 1953 N CLYBOURN CHICAGO, IL 60614 Site 1 of 3 in cluster I**	**RCRIS-SQG FINDS**	**1000453227 ILD984790733**

SWAN CLEANERS (Continued) **1000453227**

RCRIS:
Owner: KIM STEVE
EPA ID: ILD984790733

Contact: STEVE KIM
(312) 248-0604

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

I36 NNW 1/4-1/2 1345 ft. Higher — **CHICAGO BOILER CO**, **1965 CLYBOURN AVE**, **CHICAGO, IL 60614** — **UST** **U001142118** **N/A**

Site 2 of 3 in cluster I

UST:
Facility ID: 2000727
Status: Closed
Owner Name: Chicago Boiler Co
Owner Address: 1965 Clybourn Ave
Chicago, IL 60614
Contact: Koeller Leroy
Phone #: (312) 348-8250
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: Yes
Tank Number: 1
Tank Capacity: 99
Tank Age: 99
Tank Red Tag: No
Tank Substance: Gasoline

J37 West 1/4-1/2 1360 ft. Lower — **CHICAGO CITY OF FLEET ADMIN**, **1685 N THROOP**, **CHICAGO, IL 60622** — **RCRIS-SQG** **1000166319**, **FINDS** **ILD982624116**

Site 1 of 3 in cluster J

CHICAGO CITY OF FLEET ADMIN (Continued) **1000166319**

RCRIS:
Owner: CHICAGO CITY OF
(312) 555-1212
EPA ID: ILD982624116
Contact: JAMES WARREN
(312) 744-5666
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

J38 West 1/4-1/2 1360 ft. Lower **DEPT OF FLEET MGMT**
1685 N THROOP ST
CHICAGO, IL 60602
Site 2 of 3 in cluster J

UST **U001965103**
N/A

UST:
Facility ID: 2033144
Status: Active
Owner Name: City Of Chicago/Dept Of Environment
Owner Address: 30 N Lasalle St 25Th Fl
Chicago, IL 60602
Contact: Mccrae A R
Phone #: (312) 744-5418
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Currently in use
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 1
Tank Capacity: 20000
Tank Age: 7
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2033144
Status: Active
Owner Name: City Of Chicago/Dept Of Environment
Owner Address: 30 N Lasalle St 25Th Fl
Chicago, IL 60602
Contact: Mccrae A R
Phone #: (312) 744-5418
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Currently in use
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 2
Tank Capacity: 12000
Tank Age: 7

DEPT OF FLEET MGMT (Continued) — **U001965103**

Tank Red Tag: No
Tank Substance: Diesel

Facility ID: 2033144
Status: Active
Owner Name: City Of Chicago/Dept Of Environment
Owner Address: 30 N Lasalle St 25Th Fl
Chicago, IL 60602
Contact: Mccrae A R
Phone #: (312) 744-5418
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Currently in use
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 3
Tank Capacity: 12000
Tank Age: 7
Tank Red Tag: No
Tank Substance: Diesel

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39 WSW 1/4-1/2 1369 ft. Lower

DAVIES PLATING INC
1620 N TROOP
CHICAGO, IL 60622

RCRIS-SQG 1000462478
FINDS ILD984806224

RCRIS:
Owner: OBERT ROBERT
EPA ID: ILD984806224

Contact: JENS ANDERSEN
(312) 252-2026

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

K40 SE 1/4-1/2 1392 ft. Higher

MCZ DEVELOPMENT INC.
1555 NORTH SHEFFIELD
CHICAGO, IL 60622

LUST S104524999
N/A

Site 1 of 4 in cluster K

LUST:
Incident Num : 921117
IL EPA Id : 0316245132
IEMA Date : 4/28/92
Attn : Dickinson Wright
PRP Name : MCZ Development Inc.
PRP Address : 225 West Washington St., Suite 400
Chicago, IL 60606

MCZ DEVELOPMENT INC. (Continued) — S104524999

PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	5/14/92
45 Report Received :	6/12/92
NFR Date Recorded :	Not reported

K41
SE
1/4-1/2
1392 ft.
Higher

MCZ DEVELOPMENT
1555 NORTH SHEFFIELD AVENUE
CHICAGO, IL 60622

SRP — S104491599
N/A

Site 2 of 4 in cluster K

SRP:

IL EPA Id :	0316245132
US EPA Id :	Not reported
Remediation Applicant Co :	Beverly-95th, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Sol
Contact Last Name :	Barket
Contact Address :	225 West Hubbard Street
Contact Address:	225 West Hubbard Street 4th Floor Chicago, IL, 60610
Contact Phone :	(312) 832-2500
Date Enrolled :	07/23/1999
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Jeffrey McClelland
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Gross
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	05/11/2000
NFR Recorded :	05/23/2000
Active :	False
Total Acres :	0.99700

K42
SE
1/4-1/2
1392 ft.
Higher

MCZ DEVELOPMENT INC
1555 N SHEFFIELD
CHICAGO, IL 60622

UST — U000791805
N/A

Site 3 of 4 in cluster K

MCZ DEVELOPMENT INC (Continued) **U000791805**

UST:

Facility ID:	2029921
Status:	Closed
Owner Name:	Mcz Development Inc
Owner Address:	955 W Weed Chicago, IL 60622
Contact:	Lerner Michael
Phone #:	(312) 573-1122
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Abandoned in place
Tank Last Used:	1/1/02 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	2000
Tank Age:	36
Tank Red Tag:	No
Tank Substance:	Heating Oil

Facility ID:	2029921
Status:	Closed
Owner Name:	Mcz Development Inc
Owner Address:	955 W Weed Chicago, IL 60622
Contact:	Lerner Michael
Phone #:	(312) 573-1122
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Abandoned in place
Tank Last Used:	1/1/02 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	3000
Tank Age:	36
Tank Red Tag:	No
Tank Substance:	Heating Oil

Facility ID:	2029921
Status:	Closed
Owner Name:	Mcz Development Inc
Owner Address:	955 W Weed Chicago, IL 60622
Contact:	Lerner Michael
Phone #:	(312) 573-1122
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Abandoned in place
Tank Last Used:	1/1/02 00:00:00
Fee Owed:	No
Tank Number:	3
Tank Capacity:	3000
Tank Age:	36
Tank Red Tag:	No
Tank Substance:	Heating Oil

K43 SE 1/4-1/2 1392 ft. Higher — **CHICAGO ETCHING CORP**, **1555 N SHEFFIELD**, **CHICAGO, IL 60622** — **RCRIS-SQG, FINDS** — **1000166200, ILD041531575**

Site 4 of 4 in cluster K

RCRIS:

Owner: CLB HOLDING COMPANY INC
(312) 555-1212
EPA ID: ILD041531575

Contact: GERALD MILLSAP
(312) 641-1630

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 722.111
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/21/1992
Actual Date Achieved Compliance: Not reported

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/25/1992
Penalty Type: Not reported

Regulation Violated: 722.134(a)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 02/21/1992
Actual Date Achieved Compliance: Not reported

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/25/1992
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS GENERATOR-PRE-TRANSPORT REQUIREMENTS	

FINDS:

Other Pertinent Environmental Activity Identified at Site:
- AIRS Facility System (AIRS/AFS)
- Facility Registry System (FRS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

I44 NNW 1/4-1/2 1395 ft. Higher — **REPUBLIC PIPE & SUPPLY CO**, **1970 CLYBOURN AVE**, **CHICAGO, IL 60659** — **UST** — **U001142998, N/A**

Site 3 of 3 in cluster I

UST:

Facility ID: 2013963
Status: Closed
Owner Name: Not reported
Owner Address:
Contact: Homer Richard S
Phone #: (312) 368-2100

REPUBLIC PIPE & SUPPLY CO (Continued) — **U001142998**

Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 1
Tank Capacity: 1000
Tank Age: 99
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2013963
Status: Closed
Owner Name: Not reported
Owner Address:
Contact: Horner Richard S
Phone #: (312) 368-2100
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 9/1/81 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 2500
Tank Age: 99
Tank Red Tag: No
Tank Substance: Heating Oil

L45 ESE 1/4-1/2 1401 ft. Higher — **VACANT PROPERTY**, **947 W NORTH AVE**, **CHICAGO, IL 60622** — **UST** — **U003762880**, **N/A**

Site 1 of 8 in cluster L

UST:
Facility ID: 2040060
Status: Exempt
Owner Name: Unknown
Owner Address: Unknown
Unknown, IL 00000
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 2500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

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46 NE 1/4-1/2 1418 ft. Higher — **HITACHI INSTRUMENTS**, **1928 N SHEFFIELD**, **CHICAGO, IL 60614** — **RCRIS-SQG**, **FINDS** — **1000613826**, **ILD984841312**

HITACHI INSTRUMENTS (Continued) **1000613826**

RCRIS:
Owner: HITACHI INSTRUMENTS
(312) 404-2077
EPA ID: ILD984841312
Contact: MICHAEL POPE
(312) 404-2077
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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47 North 1/4-1/2 1431 ft. Higher

ACCURATE DIE & STAMPING COMPANY DIVISION OF ALLIED **CERC-NFRAP** **1003869998**
1947 NORTH MAUD AVENUE **ILD096798269**
CHICAGO, IL 60614

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	06/01/1981
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/01/1984
Assessment:	SITE INSPECTION	Completed:	09/24/1985
Assessment:	HRS PACKAGE	Completed:	12/20/1985
Assessment:	ARCHIVE SITE	Completed:	12/14/1995

CERCLIS-NFRAP Alias Name(s):
ACCURATE DIE & STAMPING CO DIV OF ALLIED

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48 NNE 1/4-1/2 1447 ft. Higher

ST. TERESA CATHOLIC CHURCH **LUST** **S105155458**
1930 NORTH KENMORE **N/A**
CHICAGO, IL 60614

LUST:

Incident Num :	20011866
IL EPA Id :	0316075214
IEMA Date :	11/8/01
Attn :	Fr. John Hoffman
PRP Name :	St. Teresa Catholic Church
PRP Address :	1037 West Armitage Ave. Chicago, IL 60614
PRP Phone :	7735286650
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported

ST. TERESA CATHOLIC CHURCH (Continued) — **S105155458**

Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

L49 **NORTH AVE. COLLECTION** — **LUST** — **S104872157**
ESE **925 WEST NORTH AVE.** — **N/A**
1/4-1/2 **CHICAGO, IL 60622**
1504 ft.
Higher **Site 2 of 8 in cluster L**

LUST:

Incident Num :	20002321
IL EPA Id :	0316245046
IEMA Date :	12/5/00
Attn :	Nick Stocking
PRP Name :	North Ave. Collection
PRP Address :	225 West Hubbard, 4th Fl. Chicago, IL 60610
PRP Phone :	3128322500
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	6/25/02
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	3/21/01
45 Report Received :	8/6/01
NFR Date Recorded :	Not reported

L50 **GOLD COAST AUTO BODY** — **RCRIS-SQG** — **1000182955**
ESE **925 W NORTH AVE** — **FINDS** — **ILD982644593**
1/4-1/2 **CHICAGO, IL 60622**
1504 ft.
Higher **Site 3 of 8 in cluster L**

GOLD COAST AUTO BODY (Continued) **1000182955**

RCRIS:
Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD982644593
Contact: ROBERT MURATA
(312) 915-0599
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

L51 ESE 1/4-1/2 1504 ft. Higher **LOEBER MOTORES** **UST** **U001142511**
925 W NORTH AVE **N/A**
CHICAGO, IL 60622

Site 4 of 8 in cluster L

UST:
Facility ID: 2028800
Status: Closed
Owner Name: Loeber Motors Inc
Owner Address: 1127 W Division
Chicago, IL 06022
Contact: Martino Lorenzo
Phone #: (312) 787-0333
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/91 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 560
Tank Age: 10
Tank Red Tag: No
Tank Substance: Not reported

M52 SSE 1/4-1/2 1533 ft. Same **MIDWEST ZINC** **SRP** **S105424210**
1001 WEST WEED STREET **N/A**
CHICAGO, IL 60622

Site 1 of 2 in cluster M

SRP:
IL EPA Id : 0316246272
US EPA Id : ILR000054411
Remediation Applicant Co : Weed Street LLC
Remediation Applicant Title : President
Contact First Name: Howard
Contact Last Name : Robinson
Contact Address : 109 North Post Oak Lane
Contact Address: 109 North Post Oak Lane

MIDWEST ZINC (Continued) — **S105424210**

	Suite 410
	Houston, TX, 77024
Contact Phone :	7036829898
Date Enrolled :	05/09/2002
Consultant Company :	Noble & Associates, Inc.
Point Of Contact :	George Noble, P.E.
Consultant Address:	1378 Ashland Avenue
	Wilmette, IL, 60091
Consultant Phone :	(847) 853-0599
Proj Mgr Assigned :	Smith
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	1.77000

M53 — **MIDWEST ZINC DIV OF US ZINC** — **RCRIS-SQG 1001227961**
SSE — **1001 W WEED ST** — **FINDS ILR000054411**
1/4-1/2 — **CHICAGO, IL 60622**
1533 ft.
Same — **Site 2 of 2 in cluster M**

RCRIS:

Owner:	MIDWEST ZINC DIV OF US ZINC (312) 944-1505
EPA ID:	ILR000054411
Contact:	MIKE BARKER (312) 944-1505
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
- AIRS Facility System (AIRS/AFS)
- Facility Registry System (FRS)
- National Emissions Trends (NET)
- National Toxics Inventory (NTI)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

L54 — **LAKE CITY PLATING WORKS INC** — **RCRIS-SQG 1004696812**
ESE — **917 W NORTH AVE** — **FINDS ILR000058578**
1/4-1/2 — **CHICAGO, IL 60622**
1542 ft.
Higher — **Site 5 of 8 in cluster L**

LAKE CITY PLATING WORKS INC (Continued) **1004696812**

RCRIS:
Owner: PASCHELKE PHYLLIS
(773) 539-5149
EPA ID: ILR000058578
Contact: FRED PASCHELKE
(312) 787-5128
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

L55 ESE 1/4-1/2 1542 ft. Higher **LAKE CITY PLATING WORKS**
917 WEST NORTH AVENUE
CHICAGO, IL 60622
SRP S104562099
N/A

Site 6 of 8 in cluster L

SRP:

IL EPA Id :	0316246286
US EPA Id :	ILR000058578
Remediation Applicant Co :	Centrum Properties, Inc.
Remediation Applicant Title :	Mr.
Contact First Name:	Sol
Contact Last Name :	Barket
Contact Address :	225 West Hubbard Street
Contact Address:	225 West Hubbard Street Chicago, IL, 60610
Contact Phone :	3128322500
Date Enrolled :	08/07/2000
Consultant Company :	Clayton Group Services
Point Of Contact :	Gary R. Perkowitz
Consultant Address:	3140 Finley Road Downers Grove, IL, 60515
Consultant Phone :	(630) 795-3200
Proj Mgr Assigned :	Sanders
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	06/25/2002
NFR Recorded :	08/14/2002
Active :	False
Total Acres :	1.22000

L56 ESE 1/4-1/2 1552 ft. Higher **VACANT PRPERTY**
915-17 W NORTH AVE
CHICAGO, IL 60622
UST U003762999
N/A

Site 7 of 8 in cluster L

UST:
Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties

VACANT PRPERTY (Continued) **U003762999**

Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 2000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 2000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 190
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported

VACANT PRPERTY (Continued) **U003762999**

Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 550
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 5
Tank Capacity: 275
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 6
Tank Capacity: 275
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

J57 **KILOBAR COMPACTING CORP** **RCRIS-SQG 1004693656**
WNW **1700 N THROOP ST** **FINDS ILD984837484**
1/4-1/2 **CHICAGO, IL 60622**
1559 ft.
Lower **Site 3 of 3 in cluster J**

KILOBAR COMPACTING CORP (Continued) **1004693656**

RCRIS:
Owner: DALESSANDRO FRANKLIN AND JUDITH
(312) 235-2140
EPA ID: ILD984837484
Contact: HENRY WIENHOLTS
(312) 235-2140
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

N58 West 1/4-1/2 1567 ft. Lower

WELDING APPARATUS CO — **RCRIS-SQG** **1000189509**
1668 N ADA ST — **FINDS** **ILD005111513**
CHICAGO, IL 60622

Site 1 of 3 in cluster N

RCRIS:
Owner: TERZIC BRANT
(312) 555-1212
EPA ID: ILD005111513
Contact: BRANT TERZIC
(312) 252-7670
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

N59 WSW 1/4-1/2 1568 ft. Lower

1348 WEST CONCORD BUILDING — **SRP** **S104872944**
1348 WEST CONCORD PLACE — **N/A**
CHICAGO, IL 60622

Site 2 of 3 in cluster N

SRP:

IL EPA Id :	0316246295
US EPA Id :	Not reported
Remediation Applicant Co :	Rafson Engineering
Remediation Applicant Title :	Mr.
Contact First Name:	Robert
Contact Last Name :	Rafson
Contact Address :	1401 West Wabansia Street
Contact Address:	1401 West Wabansia Street Chicago, IL, 60622

1348 WEST CONCORD BUILDING (Continued) — **S104872944**

Contact Phone :	(773) 384-3841
Date Enrolled :	04/14/1999
Consultant Company :	Rafson Engineering
Point Of Contact :	Robert Rafson, P.E.
Consultant Address:	1401 West Wabansia Street Chicago, IL, 60622
Consultant Phone :	(773) 384-3841
Proj Mgr Assigned :	Catlin
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/25/2000
NFR Recorded :	11/17/2000
Active :	False
Total Acres :	0.15000

N60 WSW 1/4-1/2 1568 ft. Lower — **1348 W CONCORD BLDG** — **UST** — **U002112758** / **N/A**

1348 W CONCORD
CHICAGO, IL 60622

Site 3 of 3 in cluster N

UST:

Facility ID:	2033563
Status:	Exempt
Owner Name:	1348 W Concord Bldg
Owner Address:	1348 W Concord Chicago, IL 60622
Contact:	Loebel Thomas
Phone #:	(708) 386-6750
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/01 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	275
Tank Age:	97
Tank Red Tag:	No
Tank Substance:	Gasoline

L61 ESE 1/4-1/2 1580 ft. Higher — **FIRESTONE** — **RCRIS-SQG** — **1000612871** / **FINDS** — **ILD984831081**

909 W NORTH AVE
CHICAGO, IL 60622

Site 8 of 8 in cluster L

RCRIS:

Owner:	FIRESTONE CORP (312) 555-1212
EPA ID:	ILD984831081
Contact:	NORB SOBEL (312) 787-8828
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

FIRESTONE (Continued) **1000612871**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

O62 WSW 1/4-1/2 1591 ft. Lower — **MUSKIE ENTERPRISES** **SRP** **S104491600**
1322 WEST NORTH AVENUE **N/A**
CHICAGO, IL 60622

Site 1 of 4 in cluster O

SRP:

IL EPA Id :	0316245159
US EPA Id :	Not reported
Remediation Applicant Co :	Muskie Enterprises
Remediation Applicant Title :	Mr.
Contact First Name:	Mark
Contact Last Name :	Mattes
Contact Address :	625 North Sacremento Boulevard
Contact Address:	625 North Sacremento Boulevard Chicago, IL, 60612
Contact Phone :	(312) 722-3300
Date Enrolled :	10/04/1993
Consultant Company :	Schrack Environmental Consulting, Inc.
Point Of Contact :	Ronald W. Schrack, P.E.
Consultant Address:	2 Mid America Plaza Suite 800-PMB 8008 Oakbrook Terrace, IL, 60181
Consultant Phone :	(630) 495-0707
Proj Mgr Assigned :	Smith
Sec. 4 Letter Date :	11/19/1993
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

O63 WSW 1/4-1/2 1591 ft. Lower — **MUSKIE ENTERPRISES** **UST** **U001386570**
1322 W NORTH AVE **N/A**
CHICAGO, IL 60622

Site 2 of 4 in cluster O

UST:

Facility ID:	2032017
Status:	Exempt
Owner Name:	Muskie Enterprises
Owner Address:	625 N Sacramento Blvd Chicago, IL 60612
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/72 00:00:00
Fee Owed:	No
Tank Number:	1

MUSKIE ENTERPRISES (Continued) **U001386570**

Tank Capacity: 1500
Tank Age: 58
Tank Red Tag: No
Tank Substance: Heating Oil

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64 NNW 1/4-1/2 1632 ft. Higher **ACHIEVOR TIRE, L.P.** **SRP** **S104491536**
2000 NORTH CLYBOURN AVENUE **N/A**
CHICAGO, IL 60614

SRP:

IL EPA Id :	0316075135
US EPA Id :	Not reported
Remediation Applicant Co :	Clybourn Cortland, L.L.C.
Remediation Applicant Title :	Mr.
Contact First Name:	Douglas
Contact Last Name :	Felten
Contact Address :	5225 Old Orchard Road
Contact Address:	5225 Old Orchard Road Suite 27A Skokie, IL, 60077
Contact Phone :	(847) 581-9955
Date Enrolled :	04/08/1998
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Michael Cannizzo
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	L-Jones
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	07/24/1998
NFR Recorded :	09/08/1998
Active :	False
Total Acres :	2.25000

P65 ESE 1/4-1/2 1675 ft. Higher **SEIGLE HOMES CENTER** **UST** **U000792090**
900 W NORTH AVE **N/A**
CHICAGO, IL 60622

Site 1 of 6 in cluster P

UST:

Facility ID:	2029353
Status:	Closed
Owner Name:	Harry & Mark Seigle
Owner Address:	1331 Davis Road Elgin, IL 60123
Contact:	Seigle Harry J
Phone #:	(847) 742-2000
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/60 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	1100

SEIGLE HOMES CENTER (Continued) **U000792090**

Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 1100
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 1000
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 1000
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

SEIGLE HOMES CENTER (Continued) **U000792090**

Facility ID:	2029353
Status:	Closed
Owner Name:	Harry & Mark Seigle
Owner Address:	1331 Davis Road
	Elgin, IL 60123
Contact:	Seigle Harry J
Phone #:	(847) 742-2000
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	5
Tank Capacity:	300
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

P66 **SIEGLE'S HOME & BLDG CTR.** **LUST** **S104526021**
ESE **900 WEST NORTH AVE.** **N/A**
1/4-1/2 **CHICAGO, IL 60610**
1675 ft.
Higher **Site 2 of 6 in cluster P**

LUST:

Incident Num :	911237
IL EPA Id :	0316085102
IEMA Date :	5/9/91
Attn :	Not reported
PRP Name :	Seigle s Home Building Center
PRP Address :	1331 Davis Rd.
	Elgin, IL 60123
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/5/95
Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

P67 **SEIGLE'S HOME & BUILDING CENTER** **LUST** **S104521440**
ESE **900 WEST NORTH AVE.** **N/A**
1/4-1/2 **CHICAGO, IL 60610**
1675 ft.
Higher **Site 3 of 6 in cluster P**

SEIGLE'S HOME & BUILDING CENTER (Continued) **S104521440**

LUST:

Incident Num :	971168
IL EPA Id :	0316085102
IEMA Date :	7/1/97
Attn :	Harry L. Siegle
PRP Name :	Seigle s Home Building Center
PRP Address :	1331 Davis Rd Elgin, IL 60123
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Harlow
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	12/4/97
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

P68 **SEIGLES ANZALONE BLDG CTR** **RCRIS-SQG 1000612793**
ESE **900 W NORTH AVE** **FINDS ILD984830281**
1/4-1/2 **CHICAGO, IL 60622**
1675 ft.
Higher **Site 4 of 6 in cluster P**

RCRIS:

Owner:	SEIGLES ANZALONE BLDG CTR (312) 337-6767
EPA ID:	ILD984830281
Contact:	JOHN MAZUKELLY (312) 337-6767
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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69 **ADAMA, LLC** **SRP S104491603**
SSW **1501 NORTH MAGNOLIA** **N/A**
1/4-1/2 **CHICAGO, IL 60622**
1685 ft.
Lower

ADAMA, LLC (Continued) **S104491603**

SRP:

IL EPA Id :	0316246225
US EPA Id :	Not reported
Remediation Applicant Co :	Adama, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Ari
Contact Last Name :	Golan
Contact Address :	507 West North Avenue
Contact Address:	507 West North Avenue Chicago, IL, 60610
Contact Phone :	(312) 443-1386
Date Enrolled :	09/26/1996
Consultant Company :	Gabriel Environmental Services
Point Of Contact :	William R. Hoyerman
Consultant Address:	1421 North Elston Avenue Chicago, IL, 60622
Consultant Phone :	(312) 486-2123
Proj Mgr Assigned :	L-Jones
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	12/18/1996
NFR Recorded :	/ /
Active :	False
Total Acres :	0.80000

IL EPA Id :	0316246225
US EPA Id :	Not reported
Remediation Applicant Co :	Adama, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Ari
Contact Last Name :	Golan
Contact Address :	507 West North Avenue
Contact Address:	507 West North Avenue Chicago, IL, 60610
Contact Phone :	(312) 443-1386
Date Enrolled :	09/26/1996
Consultant Company :	Gabriel Environmental Services
Point Of Contact :	William R. Hoyerman
Consultant Address:	1421 North Elston Avenue Chicago, IL, 60622
Consultant Phone :	(312) 486-2123
Proj Mgr Assigned :	L-Jones
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	01/03/1997
NFR Recorded :	/ /
Active :	False
Total Acres :	0.80000

IL EPA Id :	0316246225
US EPA Id :	Not reported
Remediation Applicant Co :	Adama, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Ari
Contact Last Name :	Golan
Contact Address :	507 West North Avenue
Contact Address:	507 West North Avenue Chicago, IL, 60610
Contact Phone :	(312) 443-1386

ADAMA, LLC (Continued) — **S104491603**

Date Enrolled :	09/26/1996
Consultant Company :	Gabriel Environmental Services
Point Of Contact :	William R. Hoyerman
Consultant Address:	1421 North Elston Avenue Chicago, IL, 60622
Consultant Phone :	(312) 486-2123
Proj Mgr Assigned :	L-Jones
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	07/30/2001
NFR Recorded :	10/04/2001
Active :	False
Total Acres :	0.80000

Q70 SE 1/4-1/2 1685 ft. Higher — **923 WEST WEED STREET L.L.C.**
923 WEST WEED STREET
CHICAGO, IL 60622 — **SRP** **S104491605** **N/A**

Site 1 of 4 in cluster Q

SRP:

IL EPA Id :	0316246303
US EPA Id :	Not reported
Remediation Applicant Co :	923 Weed L.L.C.
Remediation Applicant Title :	Mr.
Contact First Name:	Michael
Contact Last Name :	LaPorta
Contact Address :	1630 North Orchard Street
Contact Address:	1630 North Orchard Street Chicago, IL, 60614
Contact Phone :	(312) 492-6500
Date Enrolled :	08/09/1999
Consultant Company :	Gabriel Environmental Services
Point Of Contact :	Robert Wayner
Consultant Address:	1421 North Elston Avenue Chicago, IL, 60622
Consultant Phone :	(773) 486-2123
Proj Mgr Assigned :	L-Bloome
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/28/1999
NFR Recorded :	/ /
Active :	False
Total Acres :	0.02900

IL EPA Id :	0316246303
US EPA Id :	Not reported
Remediation Applicant Co :	923 Weed L.L.C.
Remediation Applicant Title :	Mr.
Contact First Name:	Michael
Contact Last Name :	LaPorta
Contact Address :	1630 North Orchard Street
Contact Address:	1630 North Orchard Street Chicago, IL, 60614
Contact Phone :	(312) 492-6500
Date Enrolled :	08/09/1999
Consultant Company :	Gabriel Environmental Services
Point Of Contact :	Robert Wayner
Consultant Address:	1421 North Elston Avenue Chicago, IL, 60622
Consultant Phone :	(773) 486-2123

923 WEST WEED STREET L.L.C. (Continued) — **S104491605**

Proj Mgr Assigned :	L-Bloome
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	12/28/1999
NFR Recorded :	01/11/2000
Active :	False
Total Acres :	0.02900

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71 SW 1/4-1/2 1743 ft. Lower

SVC ABOVE BEYOND
1512 N TROOP
CHICAGO, IL 60622

FINDS **1000612390**
RCRIS-LQG **ILD984826180**

RCRIS:
Owner: CAPPELLAR FRED
EPA ID: ILD984826180

Contact: DON SWANSON
(312) 489-7222

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Q72 SE 1/4-1/2 1765 ft. Higher

OFF TRACK BETTING
911 WEED ST., 901-911 WEED ST., 1 L
CHICAGO, IL 60622

LUST **S105621030**
N/A

Site 2 of 4 in cluster Q

LUST:

Incident Num :	930523
IL EPA Id :	0316245155
IEMA Date :	3/3/93
Attn :	Doug Miller
PRP Name :	Off Track Betting
PRP Address :	212 Ohio St. Chicago, IL 60611
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False

OFF TRACK BETTING (Continued) **S105621030**

Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

R73 WSW 1/4-1/2 1809 ft. Lower **AMOCO SS #15691/FAC #24662** **UST** **U000172788**
1600 N ELSTON **N/A**
CHICAGO, IL 60622

Site 1 of 7 in cluster R

UST:

Facility ID:	2022746
Status:	Active
Owner Name:	BP Products North America, Inc.
Owner Address:	28100 Torch Parkway 3rd Floor Suite 300 Warrenville, IL 60555
Contact:	Kocon Mike
Phone #:	(630) 990-5721
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Currently in use
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	1
Tank Capacity:	10000
Tank Age:	14
Tank Red Tag:	No
Tank Substance:	Gasoline

Facility ID:	2022746
Status:	Active
Owner Name:	BP Products North America, Inc.
Owner Address:	28100 Torch Parkway 3rd Floor Suite 300 Warrenville, IL 60555
Contact:	Kocon Mike
Phone #:	(630) 990-5721
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Currently in use
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	2
Tank Capacity:	10000
Tank Age:	14
Tank Red Tag:	No
Tank Substance:	Gasoline

Facility ID:	2022746
Status:	Active
Owner Name:	BP Products North America, Inc.
Owner Address:	28100 Torch Parkway 3rd Floor Suite 300 Warrenville, IL 60555
Contact:	Kocon Mike

AMOCO SS #15691/FAC #24662 (Continued) **U000172788**

Phone #: (630) 990-5721
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Currently in use
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 3
Tank Capacity: 12000
Tank Age: 14
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2022746
Status: Active
Owner Name: BP Products North America, Inc.
Owner Address: 28100 Torch Parkway
3rd Floor Suite 300
Warrenville, IL 60555
Contact: Kocon Mike
Phone #: (630) 990-5721
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 4
Tank Capacity: 500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Used Oil

Facility ID: 2022746
Status: Active
Owner Name: BP Products North America, Inc.
Owner Address: 28100 Torch Parkway
3rd Floor Suite 300
Warrenville, IL 60555
Contact: Kocon Mike
Phone #: (630) 990-5721
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 5
Tank Capacity: 8000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2022746
Status: Active
Owner Name: BP Products North America, Inc.
Owner Address: 28100 Torch Parkway
3rd Floor Suite 300
Warrenville, IL 60555
Contact: Kocon Mike

AMOCO SS #15691/FAC #24662 (Continued) — **U000172788**

Phone #:	(630) 990-5721
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	6
Tank Capacity:	8000
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Gasoline

Facility ID:	2022746
Status:	Active
Owner Name:	BP Products North America, Inc.
Owner Address:	28100 Torch Parkway 3rd Floor Suite 300 Warrenville, IL 60555
Contact:	Kocon Mike
Phone #:	(630) 990-5721
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	7
Tank Capacity:	8000
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Gasoline

O74 **RMHC CORP.** — **LUST** **S105059973**
SW **1535 NORTH ELSTON AVE.** — **N/A**
1/4-1/2 **CHICAGO, IL 60622**
1812 ft.
Lower **Site 3 of 4 in cluster O**

LUST:

Incident Num :	20010922
IL EPA Id :	0316245330
IEMA Date :	5/30/01
Attn :	John Hansen
PRP Name :	RMHC Corp.
PRP Address :	1535 North Elston Ave. Chicago, IL 60622
PRP Phone :	7733955100
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	12/14/01
Site Classification :	Not reported
Project Manager :	Rothering
Project Manager Phone:	(217) 785-1858
Email :	Scott.Rothering@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False

RMHC CORP. (Continued) — **S105059973**

Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	6/29/01
45 Report Received :	7/16/01
NFR Date Recorded :	5/14/02

O75 SW 1/4-1/2 1812 ft. Lower — **ELSTON INVESTORS LLC** — **UST** — **U003853262** / **N/A**
1535 N ELSTON AVE
CHICAGO, IL 60622

Site 4 of 4 in cluster O

UST:

Facility ID:	2040851
Status:	Exempt
Owner Name:	Elston Investors LLC
Owner Address:	1950 N Elston #201 Chicago, IL 60622
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	1500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

R76 WSW 1/4-1/2 1817 ft. Lower — **JAMES PRECIOUS METALS PLATING INC** — **RCRIS-SQG** — **1000221355**
1609-11 ELSTON AVE — **FINDS** — **ILD990817611**
CHICAGO, IL 60622

Site 2 of 7 in cluster R

RCRIS:

Owner:	JACOBSEN ERIC (312) 555-1212
EPA ID:	ILD990817611
Contact:	KEN JACOBSEN (312) 342-2121
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

JAMES PRECIOUS METALS PLATING INC (Continued) **1000221355**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

P77 ESE 1/4-1/2 1818 ft. Higher **865 W NORTH AVE BUILDING** **UST** **U003668153**
865 W NORTH AVE **N/A**
CHICAGO, IL 60622

Site 5 of 6 in cluster P

UST:

Facility ID:	2037023
Status:	Exempt
Owner Name:	Tri Equities Llc
Owner Address:	1687 Elmhurst Road Elk Grove Village, IL 60007
Contact:	Coyne Daniel
Phone #:	(630) 690-0189
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	1500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

Facility ID:	2037023
Status:	Exempt
Owner Name:	Tri Equities Llc
Owner Address:	1687 Elmhurst Road Elk Grove Village, IL 60007
Contact:	Coyne Daniel
Phone #:	(630) 690-0189
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	2500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Heating Oil

P78 ESE 1/4-1/2 1818 ft. Higher **TRI EQUITIES LLC** **LUST** **S104528636**
865 WEST NORTH AVE. **N/A**
CHICAGO, IL 60622

Site 6 of 6 in cluster P

LUST:

Incident Num :	980733
IL EPA Id :	0316246273
IEMA Date :	4/3/98

TRI EQUITIES LLC (Continued) **S104528636**

Attn :	Joe Hassen
PRP Name :	Tri Equities LLC
PRP Address :	1687 Elmhurst Rd. Elk Grove, IL 60007
PRP Phone :	3123375100
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Carlock
Project Manager Phone:	1-888-299-9533
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	12/2/98
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

S79 **BUDGET RENT A CAR** **FINDS 1001487460**
North **1135 W ARMITAGE** **LUST ILR000063768**
1/4-1/2 **CHICAGO, IL 60614** **RCRIS-LQG**
1834 ft.
Higher **Site 1 of 2 in cluster S**

RCRIS:

Owner:	BUDGET RENT A CAR (630) 955-7203
EPA ID:	ILR000063768
Contact:	KARL WESTERMANN (630) 955-7203
Classification:	Large Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Incident Num :	942448
IL EPA Id :	0316075131
IEMA Date :	10/31/94
Attn :	Karl Westermann
PRP Name :	Budget Rent A Car
PRP Address :	4225 Naperville Rd. Lisle, IL 60532
PRP Phone :	Not reported

BUDGET RENT A CAR (Continued) **1001487460**

Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/11/96
Site Classification :	NFA
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	True
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	11/23/94
45 Report Received :	12/29/94
NFR Date Recorded :	Not reported

Incident Num :	991296
IL EPA Id :	0316075131
IEMA Date :	6/1/99
Attn :	Karl Westermann
PRP Name :	Budget Rent A Car
PRP Address :	4225 Naperville Rd. Lisle, IL 60532
PRP Phone :	6309557203
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	7/1/99
45 Report Received :	7/26/99
NFR Date Recorded :	Not reported

S80 **BUDGET RENT A CAR SYSTEM, INC.** **UST** **U002112776**
North **1135 W. ARMITAGE** **N/A**
1/4-1/2 **CHICAGO, IL 60614**
1834 ft.
Higher **Site 2 of 2 in cluster S**

UST:

Facility ID:	2033754
Status:	Closed
Owner Name:	Budget Rent A Car Systems, Inc.
Owner Address:	4225 Naperville Rd.

BUDGET RENT A CAR SYSTEM, INC. (Continued) **U002112776**

Lisle, IL 62532
Contact: Karl Wstermann
Phone #: (630) 955-7203
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 12/22/98 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 5000
Tank Age: 14
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2033754
Status: Closed
Owner Name: Budget Rent A Car Systems, Inc.
Owner Address: 4225 Naperville Rd.
Lisle, IL 62532
Contact: Karl Wstermann
Phone #: (630) 955-7203
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/70 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2033754
Status: Closed
Owner Name: Budget Rent A Car Systems, Inc.
Owner Address: 4225 Naperville Rd.
Lisle, IL 62532
Contact: Karl Wstermann
Phone #: (630) 955-7203
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/70 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Q81 **AMERICAN AUTOMOTIVE PARTS INC** **RCRIS-SQG 1000359809**
SE **900 W WEED** **FINDS ILD025181827**
1/4-1/2 **CHICAGO, IL 60622**
1835 ft.
Higher **Site 3 of 4 in cluster Q**

AMERICAN AUTOMOTIVE PARTS INC (Continued) **1000359809**

RCRIS:
Owner: MOODY JERRY
(312) 555-1212
EPA ID: ILD025181827
Contact: JERRY MOODY
(312) 943-8976
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Q82 **BARRISTER DEVELOP** **UST** **U003668050**
SE **901 W WEED** **N/A**
1/4-1/2 **CHICAGO, IL 60601**
1835 ft.
Higher **Site 4 of 4 in cluster Q**

UST:
Facility ID: 2036900
Status: Exempt
Owner Name: Barrister Develop
Owner Address: 901 W Weed
Chicago, IL 60601
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 6000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

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83 **HEDMAN LOFTS** **RCRIS-SQG** **1000295382**
North **1158 W ARMITAGE AVE** **FINDS** **ILD005105051**
1/4-1/2 **CHICAGO, IL 60614**
1843 ft.
Higher

HEDMAN LOFTS (Continued) **1000295382**

RCRIS:
Owner: LINDBERG ROLLIN
(312) 555-1212
EPA ID: ILD005105051
Contact: GENE NORMAN
(312) 871-6500
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

T84 **R.S. INDUSTRIES INC.** **LUST** **S104524231**
West **1651 NORTH ELSTON AVE.** **N/A**
1/4-1/2 **CHICAGO, IL 60622**
1895 ft.
Lower **Site 1 of 2 in cluster T**

LUST:

Incident Num :	923644
IL EPA Id :	0316245148
IEMA Date :	12/23/92
Attn :	Steve Shapiro
PRP Name :	R.S. Industries Inc.
PRP Address :	1651 North Elston Ave. Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	6/24/94
Site Classification :	Not reported
Project Manager :	Blumhorst
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/16/94
45 Report Received :	4/16/94
NFR Date Recorded :	Not reported

U85 **FRANCHE D C & CO** **CERCLIS** **1000308370**
West **1401-90 W WABANSIA AVE** **FINDS** **ILD005121736**
1/4-1/2 **CHICAGO, IL 60622** **RCRIS-LQG**
1896 ft.
Lower **Site 1 of 3 in cluster U**

FRANCHE D C & CO (Continued) **1000308370**

CERCLIS Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Status: PA Start Needed
Ownership Status: Unknown
NPL Status: Not on the NPL
Site Description: ABANOONED METAL COATINGS MANUFACTURER. TANKS & DRUMS OF PAINT/RESINS/SOLVENTS LEFT AT THE FACILITY.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	05/04/1995
Assessment:	REMOVAL	Completed:	11/09/1995
Assessment:	ADMIN ORDER ON CONSENT	Completed:	05/24/1996

CERCLIS Site Status:
Not reported

RCRIS:
Owner: D C FRANCHE
(312) 555-1212
EPA ID: ILD005121736

Contact: DARIUS FRANCHE
(312) 384-4242

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

U86 West 1/4-1/2 1896 ft. Lower **FORMER D C FRANCHE PAIN** **UST U001142370**
1401 WABANSIA AVE **N/A**
CHICAGO, IL 60622

Site 2 of 3 in cluster U

UST:

Facility ID:	2012385
Status:	Closed
Owner Name:	Wabansia Corporation
Owner Address:	1401 W Wabansia Chicago, IL 60622
Contact:	Franche, Darius
Phone #:	(312) 384-4242
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/88 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	8000
Tank Age:	35
Tank Red Tag:	No
Tank Substance:	Hazardous Substance

Facility ID: 2012385

FORMER D C FRANCHE PAIN (Continued) **U001142370**

Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 8000
Tank Age: 35
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 4000
Tank Age: 35
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 4000
Tank Age: 35
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia

FORMER D C FRANCHE PAIN (Continued) **U001142370**

	Chicago, IL 60622
Contact:	Franche, Darius
Phone #:	(312) 384-4242
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/88 00:00:00
Fee Owed:	No
Tank Number:	5
Tank Capacity:	2000
Tank Age:	23
Tank Red Tag:	No
Tank Substance:	Hazardous Substance

Facility ID:	2012385
Status:	Closed
Owner Name:	Wabansia Corporation
Owner Address:	1401 W Wabansia
	Chicago, IL 60622
Contact:	Franche, Darius
Phone #:	(312) 384-4242
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/88 00:00:00
Fee Owed:	No
Tank Number:	6
Tank Capacity:	2000
Tank Age:	23
Tank Red Tag:	No
Tank Substance:	Hazardous Substance

Facility ID:	2012385
Status:	Closed
Owner Name:	Wabansia Corporation
Owner Address:	1401 W Wabansia
	Chicago, IL 60622
Contact:	Franche, Darius
Phone #:	(312) 384-4242
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	1/1/88 00:00:00
Fee Owed:	No
Tank Number:	7
Tank Capacity:	2000
Tank Age:	23
Tank Red Tag:	No
Tank Substance:	Hazardous Substance

Facility ID:	2012385
Status:	Closed
Owner Name:	Wabansia Corporation
Owner Address:	1401 W Wabansia
	Chicago, IL 60622
Contact:	Franche, Darius
Phone #:	(312) 384-4242

FORMER D C FRANCHE PAIN (Continued) **U001142370**

Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 8
Tank Capacity: 2000
Tank Age: 23
Tank Red Tag: No
Tank Substance: Hazardous Substance

U87 **COLUMBIA GRANT HOSPITAL WH** **UST** **U003667824**
West **1400 W WABANSIA** **N/A**
1/4-1/2 **CHICAGO, IL 60614**
1896 ft.
Lower **Site 3 of 3 in cluster U**

UST:

Facility ID: 2036644
Status: Exempt
Owner Name: Columbia Grant Hospital
Owner Address: 550 West Webster
Chicago, IL 60614
Contact: Pinka Jerry
Phone #: (312) 883-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 375
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2036644
Status: Exempt
Owner Name: Columbia Grant Hospital
Owner Address: 550 West Webster
Chicago, IL 60614
Contact: Pinka Jerry
Phone #: (312) 883-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 375
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
T88 West 1/4-1/2 1909 ft. Lower	**ELKWOOD PLATING INCORPORATED 1657 NORTH ELSTON AVENUE CHICAGO, IL 60622 Site 2 of 2 in cluster T**	**RCRIS-SQG FINDS UST RAATS CORRACTS CERC-NFRAP**	**1000438448 ILD005126131**

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Code:	DR		
Ownership Status:	Unknown	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	10/12/1992
Assessment:	PRELIMINARY ASSESSMENT	Completed:	03/16/1993
Assessment:	ARCHIVE SITE	Completed:	12/01/1995

CORRACTS Data:

EPA Id:	ILD005126131
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	3/31/1993
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date:	03/31/1993

RCRIS:

Owner:	ELKWOOD PLATING INC (312) 227-2370
EPA ID:	ILD005126131
Contact:	RICHARD KLEMUNDT (312) 227-2370
Rank Status:	3
Rank Date:	03/31/1993
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1987
Actual Date Achieved Compliance:	07/08/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/27/1987
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870708

ELKWOOD PLATING INCORPORATED (Continued) **1000438448**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID:	2010645
Status:	Closed
Owner Name:	Elkwood Plating Inc
Owner Address:	1657 N Elston Ave Chicago, IL 60622
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	1
Tank Capacity:	2000
Tank Age:	23
Tank Red Tag:	No
Tank Substance:	Diesel

R89
WSW
1/4-1/2
1911 ft.
Lower

AMOCO 15691
1600 N ELSTON AND NORTH
CHICAGO, IL 60622

RCRIS-SQG **1000862660**
FINDS **ILD984925636**

Site 3 of 7 in cluster R

RCRIS:

Owner:	AMOCO OIL CO (708) 990-2277
EPA ID:	ILD984925636
Contact:	LINDA CURRAN (708) 990-2277
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

90
NNE
1/4-1/2
1921 ft.
Higher

ST THERESA OF AVILA
1037 W ARMITAGE AVE
CHICAGO, IL 60614

UST **U003853358**
N/A

UST:

Facility ID:	2040995
Status:	Exempt
Owner Name:	Archdiocese Of Chicago

ST THERESA OF AVILA (Continued) — **U003853358**

Owner Address: 155 E Superior
Chicago, IL 60611
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/70 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 3000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

R91 WSW 1/4-1/2 1951 ft. Lower — **MUSKIE ENTERPRISES** — **LUST** — **S104523926** / **N/A**
1401 WEST NORTH AVE.
CHICAGO, IL 60622

Site 4 of 7 in cluster R

LUST:

Incident Num :	931147
IL EPA Id :	0316245158
IEMA Date :	5/5/93
Attn :	Mark Mattes
PRP Name :	Muskie Enterprises
PRP Address :	625 North Sacramento Blvd. Chicago, IL 60612
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/30/97
Site Classification :	Not reported
Project Manager :	Kohrmann
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	7/22/93
45 Report Received :	7/22/93
NFR Date Recorded :	4/10/98

R92 WSW 1/4-1/2 1951 ft. Lower — **NORTHTOWN AUTOMOTIVE** — **LUST** — **S105428786** / **N/A**
1400 WEST NORTH AVE.
CHICAGO, IL 60622

Site 5 of 7 in cluster R

LUST:

Incident Num :	20020485

NORTHTOWN AUTOMOTIVE (Continued) — **S105428786**

IL EPA Id :	0316080035
IEMA Date :	4/11/02
Attn :	Jim Beilarz
PRP Name :	Northtown Automotive
PRP Address :	1131 West North Ave. Chicago, IL 60622
PRP Phone :	7732762884
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Hale
Project Manager Phone:	(217) 782-1803
Email :	Sam.Hale@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

R93 **WSW** **1/4-1/2** **1951 ft.** **Lower**

NORTOWN AUTOMOTIVE
1400 W. NORTH AVE.
CHICAGO, IL 60622

UST **U001142812** **N/A**

Site 6 of 7 in cluster R

UST:

Facility ID:	2003119
Status:	Closed
Owner Name:	Nortown Automotive
Owner Address:	1311 West North Ave. Chicago, IL 60622
Contact:	Jim Bielarz
Phone #:	(773) 276-2884
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	12/1/85 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	5000
Tank Age:	23
Tank Red Tag:	No
Tank Substance:	Gasoline

R94 **WSW** **1/4-1/2** **1951 ft.** **Lower**

TRI R VENDING ARMO CROP
1401 W NORTH AVE
CHICAGO, IL 60622

UST **U001386569** **N/A**

Site 7 of 7 in cluster R

TRI R VENDING ARMO CROP (Continued) **U001386569**

UST:

Facility ID:	2032061
Status:	Closed
Owner Name:	Muskie Enterprises
Owner Address:	625 N Sacramento Blvd Chicago, IL 60612
Contact:	Mattes Mark
Phone #:	(312) 722-3300
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/50 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	550
Tank Age:	68
Tank Red Tag:	No
Tank Substance:	Diesel

Facility ID:	2032061
Status:	Closed
Owner Name:	Muskie Enterprises
Owner Address:	625 N Sacramento Blvd Chicago, IL 60612
Contact:	Mattes Mark
Phone #:	(312) 722-3300
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/50 00:00:00
Fee Owed:	No
Tank Number:	2
Tank Capacity:	550
Tank Age:	68
Tank Red Tag:	No
Tank Substance:	Diesel

Facility ID:	2032061
Status:	Closed
Owner Name:	Muskie Enterprises
Owner Address:	625 N Sacramento Blvd Chicago, IL 60612
Contact:	Mattes Mark
Phone #:	(312) 722-3300
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	10/1/92 00:00:00
Fee Owed:	No
Tank Number:	3
Tank Capacity:	10000
Tank Age:	34
Tank Red Tag:	No
Tank Substance:	Gasoline

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
V95 South 1/4-1/2 2112 ft. Lower	**KLEMP CORP 1132 BLACKHAWK CHICAGO, IL 60622**	**FINDS LUST RCRIS-LQG**	**1000302238 ILD005213780**

Site 1 of 2 in cluster V

RCRIS:

Owner: RAUBA RAYMOND
(312) 555-1212

EPA ID: ILD005213780

Contact: RAYMOND RAUBA
(312) 440-3855

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Incident Num :	903635
IL EPA Id :	0316245042
IEMA Date :	12/11/90
Attn :	Not reported
PRP Name :	Chatwins Group
PRP Address :	Suite 340 300 Weyman Pla a Pittsburgh, PA 15236
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	8/28/91
Site Classification :	Not reported
Project Manager :	Brockamp
Project Manager Phone:	(217) 785-3913
Email :	Kendra.Brockamp@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

V96 South 1/4-1/2 2112 ft. Lower	**KLEMP CORPORATION 1132 BLACKHAWK STREET CHICAGO, IL 60622**	**SRP**	**S105600634 N/A**

Site 2 of 2 in cluster V

SRP:

IL EPA Id :	0316245042

KLEMP CORPORATION (Continued) **S105600634**

US EPA Id :	ILD005213780
Remediation Applicant Co :	Divine, Inc.
Remediation Applicant Title :	Senior V.P.
Contact First Name:	Sheila
Contact Last Name :	Matuscak
Contact Address :	1301 North Elston Avenue
Contact Address:	1301 North Elston Avenue Chicago, IL, 60622
Contact Phone :	7733946673
Date Enrolled :	08/14/2002
Consultant Company :	Weaver Boos & Gordon, Inc.
Point Of Contact :	Not reported
Consultant Address:	200 South Michigan Avenue Chicago, IL, 60604
Consultant Phone :	(312) 922-1030
Proj Mgr Assigned :	Crompton
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	7.50000

W97 SE 1/4-1/2 2132 ft. Higher

CARBIT PAINT CO
927 W BLACKHAWK ST
CHICAGO, IL 60622

FINDS 1000163586
LUST 60622CRBTP92
RCRIS-LQG
TRIS

Site 1 of 2 in cluster W

RCRIS:

Owner:	CARBIT PAINT COMPANY (312) 555-1212
EPA ID:	ILD005531199
Contact:	RICHARD TRISPEL (312) 280-2315
Classification:	Large Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
- AIRS Facility System (AIRS/AFS)
- Facility Registry System (FRS)
- National Emissions Trends (NET)
- National Toxics Inventory (NTI)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

LUST:

Incident Num :	890280
IL EPA Id :	0316005071
IEMA Date :	2/21/89
Attn :	Not reported
PRP Name :	Carbit Paint Co.
PRP Address :	927 West Blackhawk St. Chicago, IL 60622
PRP Phone :	Not reported

CARBIT PAINT CO (Continued) **1000163586**

Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	True
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

W98 **CAR BIT PAINT CO.** **LUST** **S104525862**
SE **927 WEST BLACKHAWK ST.** **N/A**
1/4-1/2 **CHICAGO, IL 60622**
2132 ft.
Higher **Site 2 of 2 in cluster W**

LUST:

Incident Num :	911853
IL EPA Id :	0316005071
IEMA Date :	7/8/91
Attn :	James Westerman
PRP Name :	Carbit Paint Co.
PRP Address :	927 West Blackhawk St. Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

99 West 1/4-1/2 2277 ft. Lower — **REXROAD HANNA CORP.**, **1765 NORTH ELSTON**, **CHICAGO, IL 60622** — **LUST** — **S104526361** / **N/A**

LUST:

Incident Num :	903700
IL EPA Id :	0316005065
IEMA Date :	12/13/90
Attn :	Bob Rakstang
PRP Name :	Hanna Corp.
PRP Address :	1765 North Elston Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	12/2/91
Site Classification :	Not reported
Project Manager :	Brockamp
Project Manager Phone:	(217) 785-3913
Email :	Kendra.Brockamp@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

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100 ESE 1/4-1/2 2310 ft. Higher — **DUPAGE AIRPORT AUTHORITY**, **31 W 775 NORTH AVE.**, **WEST CHICAGO, IL 60610** — **LUST** — **S104792807** / **N/A**

LUST:

Incident Num :	20001830
IL EPA Id :	0430905836
IEMA Date :	9/26/00
Attn :	Jeff Berls
PRP Name :	DuPage Airport Authority
PRP Address :	2700 Int l Dr., Suite 200 West Chicago, IL 60185
PRP Phone :	6302085603
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	11/5/01
Site Classification :	Not reported
Project Manager :	Rahman
Project Manager Phone:	(217) 782-9848
Email :	MD.Rahman@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True

DUPAGE AIRPORT AUTHORITY (Continued) — **S104792807**

Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	10/30/00
45 Report Received :	4/23/01
NFR Date Recorded :	11/30/01

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101 NW 1/4-1/2 2356 ft. Higher

A. FINKL & SONS CO.
1900 NORTH SOUTHPORT AVE.
CHICAGO, IL 60614

LUST — **S104524745** / **N/A**

LUST:

Incident Num :	921923
IL EPA Id :	0316075096
IEMA Date :	7/17/92
Attn :	Carl Manthe
PRP Name :	A. Finkl Sons Co.
PRP Address :	2011 North Southport Ave. Chicago, IL 60614
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	7/28/92
45 Report Received :	9/15/92
NFR Date Recorded :	Not reported

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102 SSW 1/4-1/2 2362 ft. Lower

MORTON SALT CO.
1357 NORTH ELSTON AVE.
CHICAGO, IL 60622

LUST — **1001651269** / **N/A**

LUST:

Incident Num :	950832
IL EPA Id :	0316245050
IEMA Date :	4/24/95
Attn :	Frank Castelluccio
PRP Name :	Morton Salt Co.
PRP Address :	1357 North Elston Ave. Chicago, IL 60622

MORTON SALT CO. (Continued) **1001651269**

PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	10/10/95
NFR Date Recorded :	Not reported

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103 South 1/4-1/2 2381 ft. Lower

NATIONAL BY PROD.
1371 NORTH NORTH BRANCH
CHICAGO, IL 60602

LUST **S104524194**
N/A

LUST:

Incident Num :	930096
IL EPA Id :	0316325163
IEMA Date :	1/11/93
Attn :	Roy Svehla
PRP Name :	National By Prod.
PRP Address :	1381 North North Branch Chicago, IL 60602
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/26/93
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/23/93
45 Report Received :	7/13/93
NFR Date Recorded :	Not reported

104 ESE 1/4-1/2 2461 ft. Higher

AMOCO OIL CO. #5093
1560 NORTH HALSTED
CHICAGO, IL 60622

LUST **S104522418** **N/A**

LUST:

Incident Num :	951800
IL EPA Id :	0316245103
IEMA Date :	8/24/95
Attn :	Lyle Bruce
PRP Name :	Amoco Oil Co.
PRP Address :	28100 Torch Pkwy., 6-S Warrenville, IL 60555
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	1/29/98
Site Classification :	NFA
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	True
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	9/5/95
45 Report Received :	10/4/95
NFR Date Recorded :	3/4/98

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105 SE 1/4-1/2 2530 ft. Higher

GENERAL PAINT & CHEMICAL CO BLACKHAWK
823 W BLACKHAWK AVE
CHICAGO, IL 60622

FINDS **1000213496**
LUST **60622GNRLP82**
RCRIS-LQG
TRIS

RCRIS:

Owner:	COTTER & CO (312) 975-2700
EPA ID:	ILD074401530
Contact:	CHARLES BARTZ (312) 639-5383
Classification:	Large Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	283892.01	D018	282946.01
D035	13918.22	F003	946.00
F005	18893.00		

GENERAL PAINT & CHEMICAL CO BLACKHAWK (Continued) **1000213496**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

LUST:

Incident Num :	900303
IL EPA Id :	0316005169
IEMA Date :	2/2/90
Attn :	David Bigelow
PRP Name :	General Paint Chemical
PRP Address :	201 Jandus Rd.
	Cary, IL 60013
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

Incident Num :	901517
IL EPA Id :	0316005169
IEMA Date :	6/7/90
Attn :	David Bigelow
PRP Name :	General Paint Chemical
PRP Address :	201 Jandus Rd.
	Cary, IL 60013
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731

GENERAL PAINT & CHEMICAL CO BLACKHAWK (Continued) **1000213496**

Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	True
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

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106 North 1/2-1 2753 ft. Higher

FR. DONALD OURS
2130 NORTH KENMORE AVE.
CHICAGO, IL 60614

LUST **S104792733** **N/A**

LUST:

Incident Num :	20001753
IL EPA Id :	0316075200
IEMA Date :	9/14/00
Attn :	Not reported
PRP Name :	Fr. Donald Ours
PRP Address :	St. Vincent De Paul Parish, 1010 West Webster Ave. Chicago, IL 60614
PRP Phone :	7733271113
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	2/7/02
Site Classification :	Not reported
Project Manager :	Rothering
Project Manager Phone:	(217) 785-1858
Email :	Scott.Rothering@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	10/5/00
45 Report Received :	5/29/01
NFR Date Recorded :	5/22/02

X107 WNW 1/2-1 2767 ft. Lower

EXOHO ASSOC. LTD. PARTNERSHIP
1824 NORTH BESLY
CHICAGO, IL 60622

LUST **S104525313** **N/A**

Site 1 of 2 in cluster X

LUST:

Incident Num :	913706
IL EPA Id :	0316245125
IEMA Date :	12/20/91

EXOHO ASSOC. LTD. PARTNERSHIP (Continued) **S104525313**

Attn :	John Bauman
PRP Name :	Exoho Assoc. Ltd. Partnership
PRP Address :	400 North Franklin Chicago, IL 60610
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	11/29/94
Site Classification :	Not reported
Project Manager :	Blumhorst
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	1/10/92
45 Report Received :	5/1/92
NFR Date Recorded :	Not reported

X108 WNW 1/2-1 2768 ft. Lower

AERO PLATING WORKS
1860 N ELSTON
CHICAGO, IL 60622

Site 2 of 2 in cluster X

RCRIS-SQG 1000326580
FINDS ILD005125836
RCRIS-TSD
RAATS
CORRACTS

CORRACTS Data:

EPA Id:	ILD005125836
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	4/24/1998
Corrective Action:	CA050 - RFA Completed

EPA Id:	ILD005125836
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	4/24/1998
Corrective Action:	CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

EPA Id:	ILD005125836
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	4/24/1998
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective

AERO PLATING WORKS (Continued) **1000326580**

action priority

RCRIS Corrective Action Summary:
Event: RFA Completed
Event Date: 04/24/1998

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 04/24/1998

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 04/24/1998

RCRIS:
Owner: MAIORANO LOUIS JR
(312) 555-1212
EPA ID: ILD005125836

Contact: LOU MAIORANO
(312) 276-2300

Classification: TSDF
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 725.215
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 04/26/1989
Actual Date Achieved Compliance: Not reported

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/10/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/13/1986
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/22/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 07/12/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 07/03/1995
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 01/24/1984
Actual Date Achieved Compliance: Not reported

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/10/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/13/1986
Penalty Type: Final Monetary Penalty

AERO PLATING WORKS (Continued) **1000326580**

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/22/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 07/12/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 07/03/1995
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 01/24/1984
Actual Date Achieved Compliance: Not reported

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/10/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/13/1986
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 07/03/1995
Penalty Type: Final Monetary Penalty

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS TSD-MANIFEST REQUIREMENTS	

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Y109 **EQUILON ENTERPRISES** **LUST** **S104529238**
WSW **1525 WEST NORTH AVE.** **N/A**
1/2-1 **CHICAGO, IL 60622**
2811 ft.
Higher **Site 1 of 4 in cluster Y**

LUST:

Incident Num :	982858
IL EPA Id :	0316075051
IEMA Date :	11/18/98
Attn :	Lisa Schoedel
PRP Name :	Equilon Enterprises LLC
PRP Address :	603 Diehl Rd., Suite 103 Naperville, IL 60563
PRP Phone :	6302764206
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	10/29/99

EQUILON ENTERPRISES (Continued) **S104529238**

Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	11/30/98
45 Report Received :	12/31/98
NFR Date Recorded :	12/2/99

Y110 **SHELL OIL CO** **RCRIS-SQG** **1000689150**
WSW **1525 W NORTH AVE** **FINDS** **ILD984887489**
1/2-1 **CHICAGO, IL 60622** **LUST**
2811 ft.
Higher **Site 2 of 4 in cluster Y**

RCRIS:

Owner:	SHELL OIL CO (713) 241-6161
EPA ID:	ILD984887489
Contact:	SONDRA BIENVENU
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Incident Num :	900875
IL EPA Id :	0316075051
IEMA Date :	4/3/90
Attn :	Lisa Schoedel
PRP Name :	Equilon Enterprises LLC
PRP Address :	603 Diehl Rd., Suite 103 Naperville, IL 60563
PRP Phone :	6302764206
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	10/29/99
Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True

SHELL OIL CO (Continued) — **1000689150**

Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	10/18/99
45 Report Received :	10/18/99
NFR Date Recorded :	12/2/99

Y111 WSW 1/2-1 2811 ft. Higher — **GOMEZ SHELL**, **1525 WEST NORTH AVE.**, **CHICAGO, IL 60622** — **LUST** — **S104524275** / **N/A**

Site 3 of 4 in cluster Y

LUST:

Incident Num :	923510
IL EPA Id :	0316075051
IEMA Date :	12/9/92
Attn :	Lisa Schoedel
PRP Name :	Equilon Enterprises LLC
PRP Address :	603 Diehl Rd., Suite 103 Naperville, IL 60563
PRP Phone :	6302764206
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	7/7/93
Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	True
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	1/13/93
45 Report Received :	4/26/93
NFR Date Recorded :	Not reported

Y112 WSW 1/2-1 2856 ft. Higher — **SCRIBCOR INC.**, **1533 WEST NORTH AVE.**, **CHICAGO, IL 60622** — **LUST** — **S104527279** / **N/A**

Site 4 of 4 in cluster Y

LUST:

Incident Num :	900216
IL EPA Id :	0316245112
IEMA Date :	1/23/90
Attn :	Sally Smith
PRP Name :	Scribcor Inc.

SCRIBCOR INC. (Continued) **S104527279**

PRP Address :	400 North Michigan Ave., Suite 500 Chicago, IL 60611
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	7/18/95
Site Classification :	NFA
Project Manager :	Nickell
Project Manager Phone:	(217) 524-7519
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

---

113 SW 1/2-1 2899 ft. Higher **CHICAGO PARK DIST.**
1419 WEST BLACKHAWK
CHICAGO, IL 60622

LUST **S104521617**
N/A

LUST:

Incident Num :	970341
IL EPA Id :	0316245101
IEMA Date :	2/26/97
Attn :	Chuck Webber
PRP Name :	Chicago Park Dist.
PRP Address :	425 East McFetridge Dr. Chicago, IL 60605
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	5/19/99
Site Classification :	Not reported
Project Manager :	Rothering
Project Manager Phone:	(217) 785-1858
Email :	Scott.Rothering@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	9/24/97
45 Report Received :	2/22/99
NFR Date Recorded :	9/22/99

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
114 ESE 1/2-1 2948 ft. Higher	**CHICAGO HOUSING AUTHORITY 1531 WEST CLYBOURN AVE. CHICAGO, IL 60610**	**LUST**	**S104522926 N/A**

LUST:

Incident Num :	942267
IL EPA Id :	0316085231
IEMA Date :	10/6/94
Attn :	Sanjiv Jain
PRP Name :	Chicago Housing Authority
PRP Address :	833 West 115th St. Chicago, IL 60643
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	5/19/95
NFR Date Recorded :	Not reported

Z115 WNW 1/2-1 2955 ft. Same	**COMETCO CORPORATION 1509 WEST CORTLAND STREET CHICAGO, IL 60622** **Site 1 of 3 in cluster Z**	**SRP**	**S105600621 N/A**

SRP:

IL EPA Id :	0316005505
US EPA Id :	Not reported
Remediation Applicant Co :	Metal Management Midwest, Inc.
Remediation Applicant Title :	Ms.
Contact First Name:	Deborah
Contact Last Name :	Hays
Contact Address :	12701 South Doty Avenue
Contact Address:	12701 South Doty Avenue Chicago, IL, 60633
Contact Phone :	7736462121
Date Enrolled :	06/29/2001
Consultant Company :	CPI Environmental Services, Inc.
Point Of Contact :	Michael B. Place
Consultant Address:	799 Roosevelt Road, Building 6 Suite 110 Glen Ellyn, IL, 60137
Consultant Phone :	(630) 469-6340
Proj Mgr Assigned :	Hall
Sec. 4 Letter Date :	/ /

COMETCO CORPORATION (Continued) — **S105600621**

No Further Remediation Letter Dt : / /
NFR Recorded : / /
Active : True
Total Acres : 5.00000

Z116 WNW 1/2-1 2955 ft. Same — **COMETCO, 1509 WEST CORTLAND, CHICAGO, IL 60622** — **LUST** — **1001653126 / N/A**

Site 2 of 3 in cluster Z

LUST:

Incident Num :	982317
IL EPA Id :	0316005505
IEMA Date :	9/17/98
Attn :	Deborah Lezin
PRP Name :	Cometco
PRP Address :	1509 West Cortland Chicago, IL 60622
PRP Phone :	7732541200
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	2/20/01
Site Classification :	Not reported
Project Manager :	Ransdell
Project Manager Phone:	(217) 557-6938
Email :	James.Ransdell@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	10/16/98
45 Report Received :	11/5/98
NFR Date Recorded :	5/18/01

Z117 WNW 1/2-1 2975 ft. Lower — **FIRE KING SERVICE INC., 1901 NORTH ELSTON AVE., CHICAGO, IL 60622** — **LUST** — **S104527783 / N/A**

Site 3 of 3 in cluster Z

LUST:

Incident Num :	891015
IL EPA Id :	0316240015
IEMA Date :	6/15/89
Attn :	Irwin Walzer
PRP Name :	Fire King Service
PRP Address :	1901 North Elston Ave. Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported

FIRE KING SERVICE INC. (Continued) **S104527783**

Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

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118 SSE 1/2-1 3013 ft. Same — **WASTE MGT.-METRO/CHICAGO TRANSFER S**, **1500 N. HOOKER ST.**, **CHICAGO, IL** — **SWF/LF** **S104908400** **N/A**

LF:

Facility ID:	0316000052
Owner:	Waste Management of Illinois Inc.**
Operator:	Waste Management of Illinois Inc.**
Design Capacity Airspace:	Not reported
Total Permited Landfill:	Not reported
Permited Disposal Area:	Not reported
Highest Permited Elevation Feet:	Not reported
Leachate Monitoring Wells:	Not reported
Groundwater Monitoring Wells:	Not reported
Methane Collection System:	Not reported
Years Remaining (estimated by landfill):	Not reported
Date/Years to Open/Close:	1981
Waste Accepted:	Municipal
Facility Status:	Not reported

AA119 SE 1/2-1 3111 ft. Higher — **NORTHTOWN VILLAGE**, **1421 NORTH HALSTED STREET**, **CHICAGO, IL 60622** — **SRP** **S104491606** **N/A**

Site 1 of 2 in cluster AA

SRP:

IL EPA Id :	0316246310
US EPA Id :	Not reported
Remediation Applicant Co :	City of Chicago, Dept. of Environment
Remediation Applicant Title :	Deputy Comm.
Contact First Name:	David
Contact Last Name :	Reynolds
Contact Address :	30 North LaSalle Street
Contact Address:	30 North LaSalle Street Suite 2500 Chicago, IL, 60602
Contact Phone :	(312) 744-9139
Date Enrolled :	11/02/1999

NORTHTOWN VILLAGE (Continued) — **S104491606**

Consultant Company :	Envirogen, Inc.
Point Of Contact :	Devin A. Moose, P.E.
Consultant Address:	One West State Street Suite 202 Geneva, IL, 60134
Consultant Phone :	(630) 262-1400
Proj Mgr Assigned :	Mergen
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	09/14/2001
NFR Recorded :	11/30/2001
Active :	False
Total Acres :	0.40000

---

120 NNW 1/2-1 3189 ft. Higher — **CHICAGO WELDING & BOILER REPAIR**
2145 NORTH CLYBOURN AVE.
CHICAGO, IL 60614 — **LUST** — **S104523000** / **N/A**

LUST:

Incident Num :	941955
IL EPA Id :	0316075126
IEMA Date :	8/26/94
Attn :	Roger Ketelsen
PRP Name :	Chicago Welding Boiler Repair
PRP Address :	2145 North Clybourn Ave. Chicago, IL 60614
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	2/15/95
Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	9/19/94
45 Report Received :	1/18/95
NFR Date Recorded :	Not reported

AA121 SE 1/2-1 3278 ft. Higher — **NORTH TOWN VILLAGE**
1401 NORTH HALSTED STREET
CHICAGO, IL 60622 — **SRP** — **S104491608** / **N/A**

Site 2 of 2 in cluster AA

SRP:

IL EPA Id :	0316246316
US EPA Id :	Not reported
Remediation Applicant Co :	City of Chicago, Dept. of Environment

NORTH TOWN VILLAGE (Continued) **S104491608**

Remediation Applicant Title :	Deputy Comm.
Contact First Name:	David
Contact Last Name :	Reynolds
Contact Address :	30 North LaSalle Street
Contact Address:	30 North LaSalle Street Suite 2500 Chicago, IL, 60602
Contact Phone :	(312) 744-9139
Date Enrolled :	02/18/2000
Consultant Company :	Envirogen, Inc.
Point Of Contact :	Devin A. Moose, P.E.
Consultant Address:	1150 North Fifth Avenue Suite C St. Charles, IL, 60174
Consultant Phone :	(630) 762-1400
Proj Mgr Assigned :	Mergen
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/16/2001
NFR Recorded :	11/30/2001
Active :	False
Total Acres :	2.90000

---

122 SSE 1/2-1 3496 ft. Lower

CMC HEARTLAND PARTNERS
1220 NORTH HICKORY AVENUE
CHICAGO, IL 60622

SRP **S104491602**
N/A

SRP:

IL EPA Id :	0316246222
US EPA Id :	Not reported
Remediation Applicant Co :	CMC Heartland Partners
Remediation Applicant Title :	Mr.
Contact First Name:	Charles
Contact Last Name :	Harrison
Contact Address :	547 West Jackson Boulevard
Contact Address:	547 West Jackson Boulevard Suite 1510 Chicago, IL, 60661
Contact Phone :	(312) 294-0488
Date Enrolled :	07/19/1996
Consultant Company :	Patrick Engineering, Inc.
Point Of Contact :	Jeffrey C. Schuh, P.E.
Consultant Address:	4985 Varsity Drive Lisle, IL, 60532
Consultant Phone :	(630) 434-7050
Proj Mgr Assigned :	Dunn
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	08/30/1996
NFR Recorded :	09/10/1996
Active :	False
Total Acres :	10.00000

---

123 WNW 1/2-1 3516 ft. Lower

CTRE, INC.
2001 NORTH ELSTON AVENUE
CHICAGO, IL 60614

SRP **S104491535**
N/A

CTRE, INC. (Continued) — **S104491535**

SRP:

IL EPA Id :	0316075111
US EPA Id :	Not reported
Remediation Applicant Co :	Chicago Self Storage III, L.L.C.
Remediation Applicant Title :	President
Contact First Name:	Gray
Contact Last Name :	Cardiff
Contact Address :	156 Diablo Road
Contact Address:	156 Diablo Road Suite 200 Danville, CA, 94526
Contact Phone :	(800) 825-7007
Date Enrolled :	01/24/2000
Consultant Company :	Weaver Boos & Gordon, Inc.
Point Of Contact :	Douglas G. Dorgan, Jr.
Consultant Address:	200 South Michigan Avenue Suite 900 Chicago, IL, 60604
Consultant Phone :	(312) 922-1030
Proj Mgr Assigned :	Williams
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	02/07/2001
NFR Recorded :	02/28/2001
Active :	False
Total Acres :	1.00000

AB124
SSW
1/2-1
3537 ft.
Higher

PEOPLES GAS LIGHT AND COKE - DIVISION STREET STATI — **Coal Gas** — **G000001019** / **N/A**
1223 W. DIVISION STREET
CHICAGO, IL 60622

Site 1 of 2 in cluster AB

COAL GAS SITE DESCRIPTION:
Site is between John F. Kennedy Expressway and Elston, south of Division and nor Site is a CERCLIS Site Number ILD982074783.

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AB125
SSW
1/2-1
3580 ft.
Higher

PEOPLES GAS AND LIGHT — **SRP** — **S104491498** / **N/A**
1241 WEST DIVISION STREET
CHICAGO, IL 60622

Site 2 of 2 in cluster AB

SRP:

IL EPA Id :	0316005885
US EPA Id :	ILD000805788
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Vice President
Contact First Name:	Charles
Contact Last Name :	Thompson
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive Chicago, IL, 60601
Contact Phone :	3122404810
Date Enrolled :	05/07/2001
Consultant Company :	Barr Information Technology
Point Of Contact :	Not reported

PEOPLES GAS AND LIGHT (Continued) **S104491498**

Consultant Address:	4700 West 77th Street Minneapolis, MN, 55435
Consultant Phone :	(952) 832-2600
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	0.00000

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126 SSE 1/2-1 3736 ft. Lower

FEDERAL EXPRESS CORPORATION
875 WEST DIVISION STREET
CHICAGO, IL 60622

SRP **S104491597**
N/A

SRP:

IL EPA Id :	0316240016
US EPA Id :	ILD984807081
Remediation Applicant Co :	Federal Express Corporation
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Zebovitz
Contact Address :	1100 Lake Cook Road
Contact Address:	1100 Lake Cook Road Chicago, IL, 60089
Contact Phone :	(708) 215-4249
Date Enrolled :	05/03/1996
Consultant Company :	Montgomery Watson
Point Of Contact :	Jack Dowden
Consultant Address:	2100 Corporate Drive Addison, IL, 60101
Consultant Phone :	(630) 691-5000
Proj Mgr Assigned :	L-Gaydosh
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	09/20/2000
NFR Recorded :	10/12/2000
Active :	False
Total Acres :	4.60000

---

127 WNW 1/2-1 4022 ft. Lower

ORLOFF JAGUAR
1924 NORTH PAULINA STREET
CHICAGO, IL 60622

SRP **S104491598**
N/A

SRP:

IL EPA Id :	0316245084
US EPA Id :	Not reported
Remediation Applicant Co :	Howard Orloff Jaguar/Volvo
Remediation Applicant Title :	Mr.
Contact First Name:	David
Contact Last Name :	Orloff
Contact Address :	4748 West Fullerton Avenue
Contact Address:	4748 West Fullerton Avenue Chicago, IL, 60639
Contact Phone :	(773) 227-3200
Date Enrolled :	02/16/1993

ORLOFF JAGUAR (Continued) — **S104491598**

Consultant Company :	Environmental Restoration Systems, Inc.
Point Of Contact :	David G. Pyles
Consultant Address:	4508 Columbia Avenue Hammond, IN, 46327
Consultant Phone :	(219) 937-6060
Proj Mgr Assigned :	Sherrill
Sec. 4 Letter Date :	04/02/1993
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	3.00000

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128 WNW 1/2-1 4075 ft. Lower — **BAKER DEVELOPMENT CORPORATION**
2062 NORTH ELSTON AVENUE
CHICAGO, IL 60614 — **SRP** — **S105521118** / **N/A**

SRP:

IL EPA Id :	0316075210
US EPA Id :	Not reported
Remediation Applicant Co :	Elston Development, LLC
Remediation Applicant Title :	Mr.
Contact First Name:	Warren
Contact Last Name :	Baker
Contact Address :	1156 West Armitage Avenue
Contact Address:	1156 West Armitage Avenue Chicago, IL, 60614
Contact Phone :	7737550600
Date Enrolled :	07/22/2002
Consultant Company :	Pioneer Engineering & Environmental Services, Inc.
Point Of Contact :	Megan Wells-Paske
Consultant Address:	700 North Sacramento Boulevard Suite 100 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Crompton
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	0.01400

---

129 NW 1/2-1 4190 ft. Higher — **ACHIEVOR TIRE, L.P.**
1500 WEST WEBSTER
CHICAGO, IL 60614 — **SRP** — **S104491529** / **N/A**

SRP:

IL EPA Id :	0316070019
US EPA Id :	Not reported
Remediation Applicant Co :	Lakin Property Partnership
Remediation Applicant Title :	Mr.
Contact First Name:	Robert
Contact Last Name :	Grammer
Contact Address :	2044 North Dominick
Contact Address:	2044 North Dominick

ACHIEVOR TIRE, L.P. (Continued) **S104491529**

	Chicago, IL, 60614
Contact Phone :	(773) 871-6360
Date Enrolled :	05/04/1995
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Wayne Smith
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Murphy
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

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130 SSE 1/2-1 4267 ft. Higher

MIDWEST INDUSTRIAL METALS CORP
1111 N CHERRY AVE
CHICAGO, IL 60622

FINDS 1000436566
CAT ILD032405649
RCRIS-LQG

RCRIS:
Owner: LISSNER R
(312) 555-1212
EPA ID: ILD032405649

Contact: RICHARD LISSNER
(312) 337-1900

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CAT:
Facility ID: 0310450041
Facility Type: SITE REMEDIATION PROGRAM

AC131 NW 1/2-1 4348 ft. Lower

REICHOLD CHEMICALS
2100 N ELSTON AVE
CHICAGO, IL 60614

RCRIS-SQG 1000441183
FINDS ILD004959433
CORRACTS

Site 1 of 4 in cluster AC

CORRACTS Data:

EPA Id:	ILD004959433
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	12/31/1993

REICHOLD CHEMICALS (Continued) **1000441183**

Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

EPA Id: ILD004959433
Region: 5
State: IL
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 3/31/1994
Corrective Action: CA225IN - Stabilization Measures Evaluation, This facility is not , amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

RCRIS Corrective Action Summary:
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.
Event Date: 03/31/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 12/31/1993

RCRIS:
Owner: E I DUPONT DE NEMOURS & CO INC
(302) 774-3891
EPA ID: ILD004959433

Contact: BAROT VINOD
(312) 772-1600

Rank Status: 3
Rank Date: 12/31/1993
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 722.112(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/16/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

Regulation Violated: 722.134(a)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/30/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

REICHOLD CHEMICALS (Continued) **1000441183**

Regulation Violated: 722.140(c)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/16/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

Regulation Violated: 722.142(a)(1)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/16/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

Regulation Violated: 722.142(a)(2)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/16/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

Regulation Violated: 728.107(a)(6)
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 04/20/1993
Actual Date Achieved Compliance: 07/16/1993

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 06/14/1993
Penalty Type: Not reported

There are 6 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930716
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19930730
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-LAND BAN REQUIREMENTS	19930716

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AC132 **POLYCHROME CHEMICAL CORPORATION** **SRP** **S104491540**
NW **2100 NORTH ELSTON AVENUE** **N/A**
1/2-1 **CHICAGO, IL 60614**
4348 ft.
Lower **Site 2 of 4 in cluster AC**

SRP:
IL EPA Id : 0316075186
US EPA Id : Not reported
Remediation Applicant Co : Elston Development L.L.C.
Remediation Applicant Title : Mr.

POLYCHROME CHEMICAL CORPORATION (Continued) — **S104491540**

Contact First Name:	Warren
Contact Last Name :	Baker
Contact Address :	1156 West Armitage
Contact Address:	1156 West Armitage Chicago, IL, 60614
Contact Phone :	(773) 755-0600
Date Enrolled :	10/25/1999
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Michael Cannizzo
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Murphy
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	0.40000

AC133 — **FLORENCE CORPORATION** — **SRP** — **S104491532**
NW — **2101 NORTH ELSTON AVENUE** — **N/A**
1/2-1 — **CHICAGO, IL 60614**
4348 ft.
Lower — **Site 3 of 4 in cluster AC**

SRP:

IL EPA Id :	0316075011
US EPA Id :	Not reported
Remediation Applicant Co :	Florence Corporation
Remediation Applicant Title :	President
Contact First Name:	Lloyd
Contact Last Name :	Schooley
Contact Address :	2101 North Elston Avenue
Contact Address:	2101 North Elston Avenue Chicago, IL, 60614
Contact Phone :	(773) 292-3470
Date Enrolled :	05/22/1997
Consultant Company :	GaiaTech, Inc.
Point Of Contact :	A. Tevfik Arguden
Consultant Address:	One North Franklin Street Suite 2500 Chicago, IL, 60606
Consultant Phone :	(312) 541-4200
Proj Mgr Assigned :	Cummings
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/29/1997
NFR Recorded :	12/12/1997
Active :	False
Total Acres :	1.55000

AC134 — **REICHHOLD CHEMICALS, INC.** — **SRP** — **S104491526**
NW — **2120 NORTH ELSTON AVENUE** — **N/A**
1/2-1 — **CHICAGO, IL 60614**
4533 ft.
Lower — **Site 4 of 4 in cluster AC**

SRP:

REICHHOLD CHEMICALS, INC. (Continued) **S104491526**

IL EPA Id :	0316070001
US EPA Id :	ILD984814046
Remediation Applicant Co :	E.I. duPont de Nemours and Company
Remediation Applicant Title :	Ms.
Contact First Name:	Kathy
Contact Last Name :	Shelton
Contact Address :	Barley Mill Plaza 27
Contact Address:	Barley Mill Plaza 27 P.O. Box 80027 Wilmington, DE, 19880
Contact Phone :	(302) 892-1361
Date Enrolled :	07/01/1999
Consultant Company :	URS Greiner Woodward Clyde
Point Of Contact :	Laura A. Tesch
Consultant Address:	122 South Michigan Avenue Suite 1920 Chicago, IL, 60603
Consultant Phone :	(312) 939-1000
Proj Mgr Assigned :	Murphy
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	5.00000

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135 SE 1/2-1 4674 ft. Higher

OLD TOWN VILLAGE WEST
1198 NORTH HOWE STREET
CHICAGO, IL 60610

SRP **S105424201**
N/A

SRP:

IL EPA Id :	0316085389
US EPA Id :	Not reported
Remediation Applicant Co :	MCL Companies
Remediation Applicant Title :	Mr.
Contact First Name:	Kenneth
Contact Last Name :	Haldeman
Contact Address :	455 East Illinois Street
Contact Address:	455 East Illinois Street Suite 565 Chicago, IL, 60611
Contact Phone :	3123218900
Date Enrolled :	05/03/2002
Consultant Company :	Pioneer Engineering & Environmental Services, Inc.
Point Of Contact :	Jeffrey McClelland, P.E.
Consultant Address:	700 North Sacramento Boulevard Suite 101 Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Hall
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	4.40000

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
136 SE 1/2-1 4780 ft. Higher	**PEOPLES GAS LIGHT AND COKE - NORTH STATION 1112 HOWE OR 1142 CROSBY CHICAGO, IL 60610**	**Coal Gas**	**G000001018 N/A**

COAL GAS SITE DESCRIPTION:
Site is between Crosby and Kingsbury (Hawthorn), south of W. Division and north outh of Elm Street, the site extends east of Crosby and West of Howe (Chatham Co f site located south of Elm is occupied by Contractor's Equipment Yard. Site is r ILD982074775.

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137 SW 1/2-1 4861 ft. Higher	**WANLAND & ASSOCIATES, INC. 1630 WEST DIVISION STREET CHICAGO, IL 60622**	**SRP**	**S104491589 N/A**

SRP:

IL EPA Id :	0316225140
US EPA Id :	Not reported
Remediation Applicant Co :	Wanland & Associates, Inc.
Remediation Applicant Title :	President
Contact First Name:	Richard
Contact Last Name :	Wanland
Contact Address :	4140 West Peterson Avenue
Contact Address:	4140 West Peterson Avenue Chicago, IL, 60646
Contact Phone :	(773) 545-3134
Date Enrolled :	01/09/1998
Consultant Company :	Mostardi-Platt Associates, Inc.
Point Of Contact :	Robert A. Gere, P.E.
Consultant Address:	945 Oaklawn Avenue Elmhurst, IL, 60126
Consultant Phone :	(630) 993-9000
Proj Mgr Assigned :	L-Ingold
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/19/1998
NFR Recorded :	10/27/1998
Active :	False
Total Acres :	0.12000

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138 SE 1/2-1 5175 ft. Higher	**PEOPLES GAS AND LIGHT NW CORNER CROSBY / HOBBIE CHICAGO, IL 60610**	**SRP**	**S104491544 N/A**

SRP:

IL EPA Id :	0316080031
US EPA Id :	Not reported
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Matuszak
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive Chicago, IL, 60601
Contact Phone :	3122404560
Date Enrolled :	01/13/1993

PEOPLES GAS AND LIGHT (Continued) **S104491544**

Consultant Company :	Not reported
Point Of Contact :	Not reported
Consultant Address:	
Consultant Phone :	Not reported
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

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139 South > 1 5439 ft. Higher

LISSNER CORP
1000 N OGDEN AVE
CHICAGO, IL 60622

RCRIS-SQG FINDS RAATS CORRACTS **1000383491 ILD006931075**

CORRACTS Data:

EPA Id:	ILD006931075
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	3/31/1994
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date:	03/31/1994

RCRIS:

Owner:	LISSNER CORPORATION (312) 555-1212
EPA ID:	ILD006931075
Contact:	MARK MATZA (312) 951-2400
Rank Status:	3
Rank Date:	03/31/1994
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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140 NW > 1 5832 ft. Higher

ELECTRO FINISHERS
1662 W. FULLERTON
CHICAGO, IL 60614

SHWS **S105015143 N/A**

ELECTRO FINISHERS (Continued) **S105015143**

SHWS:
Facility ID: 0316005447
Facility Type: Metal Plater

Facility ID: 0316005447
Facility Type: Plating Operation

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHICAGO	S103687543	AMOCO OIL CO. #5091	NORTH / ASHLAND	60614	LUST
CHICAGO	1004694709	COOK COUNTY HWY DEPT	N ASHLAND AVE ST NORTH BRANCH	60614	RCRIS-SQG, FINDS
CHICAGO	1001647079	AKZO SALT INC.	932 NORTH BRANCH ST.	60622	LUST
CHICAGO	S104528618	CHAS. LEVY TRANSPORTATION CO.	1200 NORTH BRANCH ST.	60622	LUST
CHICAGO	S105620637	IL MEDICAL DIST.	S.W. CORNER ASHLAND / WASHBU		LUST
CHICAGO	S105620638	IL MEDICAL DIST.	N.W. CORNER ASHLAND / WASHBU		LUST
CHICAGO	S105537761	ST. VINCENT DEPAUL CENTER	2145 NORTH HALSTEAD	60614	LUST
CHICAGO	S104526885	VULCAN MATERIALS	1092 NORTH NORTHBRANCH	60622	LUST
CHICAGO	S105155406	HAYES MACHINERY	1349 NORTH WETERN AVE.	60622	LUST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D018	BENZENE
D035	METHYL ETHYL KETONE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/26/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 12/26/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/26/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425 (e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03
Date of Next Scheduled EDR Contact: 03/31/03

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/20/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

STATE OF ILLINOIS ASTM STANDARD RECORDS

SHWS: State Oversight List
Source: Illinois Environmental Protection Agency
Telephone: 217-524-4863
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/21/02
Date Made Active at EDR: 11/12/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/29/02
Elapsed ASTM days: 14
Date of Last EDR Contact: 11/25/02

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/02
Date Made Active at EDR: 04/23/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/08/02
Elapsed ASTM days: 46
Date of Last EDR Contact: 11/12/02

LUST: Leaking Underground Storage Tank Sites
Source: Illinois Environmental Protection Agency
Telephone: 217-782-6760
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/20/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/25/02
Elapsed ASTM days: 31
Date of Last EDR Contact: 11/25/02

UST: Underground Storage Tank Facility List
Source: Illinois State Fire Marshal
Telephone: 217-785-0969
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/04/02
Date Made Active at EDR: 12/24/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/02
Elapsed ASTM days: 14
Date of Last EDR Contact: 11/25/02

IMPDMENT: Surface Impoundment Inventory
Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Statewide inventory of industrial, municipal, mining, oil & gas , and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potentail for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/80
Date Made Active at EDR: 06/03/02
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/08/02
Elapsed ASTM days: 87
Date of Last EDR Contact: 02/20/02

CAT: Category List
Source: Illinois EPA
Telephone: N/A
Sites on this list are: Notice of Response Action, NPL, Pre/proposed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Started and/or Completed Sites.

Date of Government Version: 06/01/97
Date Made Active at EDR: 08/14/97
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/07/97
Elapsed ASTM days: 38
Date of Last EDR Contact: 02/26/01

STATE OF ILLINOIS ASTM SUPPLEMENTAL RECORDS

SRP: Site Remediation Program Database
Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 11/12/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

IL NIPC: Solid Waste Landfill Inventory
Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400
Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/88
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/97
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WILLOW STREET STATION
1701 KINGSBURY STREET
CHICAGO, IL 60614

TARGET PROPERTY COORDINATES

Latitude (North):	41.912899 - 41' 54' 46.4"
Longitude (West):	87.656303 - 87' 39' 22.7"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	445571.1
UTM Y (Meters):	4640100.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2441087-H6 CHICAGO LOOP, IL
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SW

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
COOK, IL	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1700740055B

Additional Panels in search area: 00000000000
1700740045B
1700740039B
1700740060B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CHICAGO LOOP	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
33	1/2 - 1 Mile SSE	NE
F34	1/2 - 1 Mile SSW	Not Reported
35	1/2 - 1 Mile West	Not Reported
G36	1/2 - 1 Mile South	Not Reported
I38	1/2 - 1 Mile North	Not Reported
J41	1/2 - 1 Mile ENE	Not Reported
46	1 - 2 Miles NNW	Not Reported
47	1 - 2 Miles SSE	Not Reported
49	1 - 2 Miles East	Not Reported
50	1 - 2 Miles SSE	Not Reported
51	1 - 2 Miles NNE	E
52	1 - 2 Miles NE	Not Reported
53	1 - 2 Miles SSE	Not Reported
54	1 - 2 Miles SSW	Not Reported
58	1 - 2 Miles SSW	NNE
59	1 - 2 Miles WNW	Not Reported
60	1 - 2 Miles NW	NE
61	1 - 2 Miles NNE	Not Reported
63	1 - 2 Miles SSW	Inconclusive
K64	1 - 2 Miles SE	Not Reported
K65	1 - 2 Miles SE	NE
L66	1 - 2 Miles SE	Not Reported
K68	1 - 2 Miles SE	Not Reported
L69	1 - 2 Miles SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
fine sandy loam
loam
fine sand

Surficial Soil Types: silt loam
fine sandy loam
loam
fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam

loamy sand
sand
loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	415446087393901	1/8 - 1/4 Mile West
A2	415446087393901	1/8 - 1/4 Mile West
D12	415455087394501	1/4 - 1/2 Mile WNW
D13	415455087394501	1/4 - 1/2 Mile WNW
G28	415412087391801	1/2 - 1 Mile South
G29	415412087391801	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

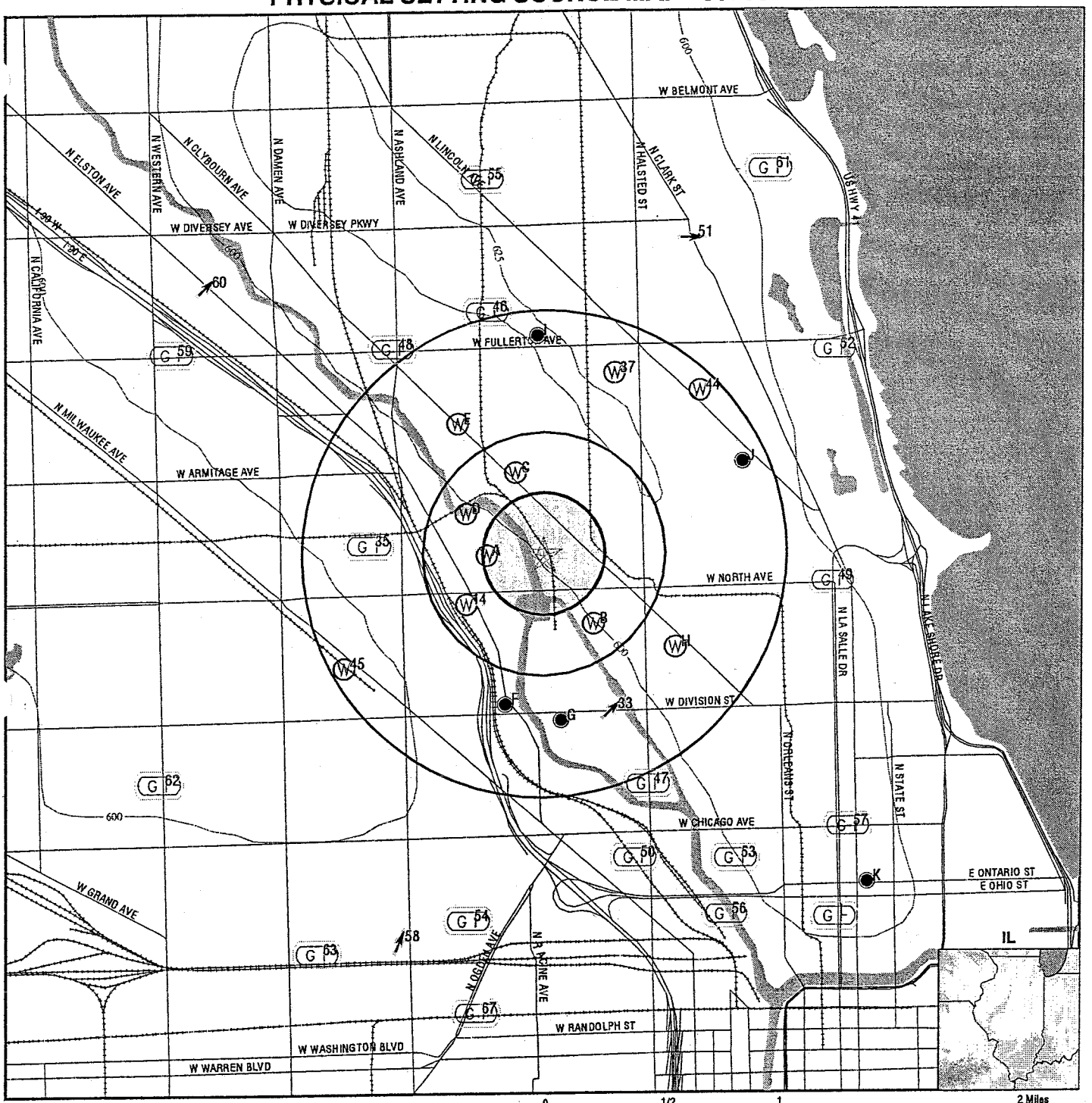
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	GIL00020627	1/4 - 1/2 Mile SSE
B4	GIL00020628	1/4 - 1/2 Mile SSE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C5	P7519	1/4 - 1/2 Mile NNW
C6	P7518	1/4 - 1/2 Mile NNW
C7	P7520	1/4 - 1/2 Mile NNW
C8	P7521	1/4 - 1/2 Mile NNW
C9	P7517	1/4 - 1/2 Mile NNW
C10	P7522	1/4 - 1/2 Mile NNW
C11	P7523	1/4 - 1/2 Mile NNW
14	P7020	1/4 - 1/2 Mile WSW
B15	P7018	1/4 - 1/2 Mile SE
E16	GIL00021505	1/2 - 1 Mile NNW
F17	P7015	1/2 - 1 Mile SSW
F18	P7010	1/2 - 1 Mile SSW
F19	P7017	1/2 - 1 Mile SSW
F20	P7014	1/2 - 1 Mile SSW
F21	P7009	1/2 - 1 Mile SSW
F22	P7011	1/2 - 1 Mile SSW
F23	P7016	1/2 - 1 Mile SSW
F24	P7013	1/2 - 1 Mile SSW
F25	P7012	1/2 - 1 Mile SSW
E26	P7526	1/2 - 1 Mile NW
E27	P7525	1/2 - 1 Mile NW
H30	P7007	1/2 - 1 Mile SE
H31	P7008	1/2 - 1 Mile SE
E32	GIL00021506	1/2 - 1 Mile NNW
37	P7524	1/2 - 1 Mile NNE
J39	P7528	1/2 - 1 Mile ENE
J40	P7527	1/2 - 1 Mile ENE
I42	GIL00027620	1/2 - 1 Mile North
I43	GIL00027619	1/2 - 1 Mile North
44	P7529	1/2 - 1 Mile NE
45	P7021	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 907691.1s



County Boundary
Major Roads
Contour Lines
Water Wells
Public Water Supply Wells
Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Cluster of Multiple Icons

Earthquake epicenter, Richter 5 or greater
Closest Hydrogeological Data

TARGET PROPERTY:	Willow Street Station	CUSTOMER:	Burns & McDonnell Eng. Co Inc
ADDRESS:	1701 Kingsbury Street	CONTACT:	Diane Saftic
CITY/STATE/ZIP:	Chicago IL 60614	INQUIRY #:	907691.1s
LAT/LONG:	41.9129 / 87.6563	DATE:	January 08, 2003 1:51 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **West** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**415446087393901**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	593.00 ft.	State:	Illinios
Well Depth:	1850.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

A2 **West** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**415446087393901**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	593.00 ft.	State:	Illinios
Well Depth:	1850.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

B3 **SSE** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**GIL00020627**

Info Source:	IL Geological Survey		
API ID:	120310165100	Group Number:	31
Well Type:	Water Well	Boring:	0
X Coord:	3500633	Y Coord:	3235777

B4 **SSE** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**GIL00020628**

Info Source:	IL Geological Survey		
API ID:	120310165200	Group Number:	31
Well Type:	Water Well	Boring:	0
X Coord:	3500633	Y Coord:	3235777

C5 **NNW** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**P7519**

Well ID:	034176	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	GUTMANN TANNERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1900
Depth (in feet):	990	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Chemical Analysis,Any other type of record		
Driller:	Not Reported		

C6
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7518**

Well ID:	029502	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BIRK BREWING CO/CORPER & NOCKI		
Permit:	Not Reported	Date Drilled:	06/00/1899
Depth (in feet):	1565	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	J P MILLER		

C7
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7520**

Well ID:	034182	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	JEFFERSON ICE CO PLANT #5		
Permit:	Not Reported	Date Drilled:	00/00/1895
Depth (in feet):	1616	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	MILLER BROS		

C8
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7521**

Well ID:	034186	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	NORTHWEST BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1897
Depth (in feet):	1302	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	J P MILLER		

C9
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7517**

Well ID:	029497	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	ATLANTIC BREWING CO/PAUL POHL		
Permit:	Not Reported	Date Drilled:	00/00/1800
Depth (in feet):	1304	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	J P MILLER		

C10
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7522**

Well ID:	034187	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	PETER HAND BREWERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1905
Depth (in feet):	1972	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

C11
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7523**

Well ID:	034190	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	SPIELMAN BROS VINEGAR WORKS		
Permit:	Not Reported	Date Drilled:	05/00/1899
Depth (in feet):	1590	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Geology,Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

D12
WNW
1/4 - 1/2 Mile
Higher

FED USGS **415455087394501**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1905	County:	Cook
Altitude:	590.00 ft.	State:	Illinios
Well Depth:	1973.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

D13
WNW
1/4 - 1/2 Mile
Higher

FED USGS **415455087394501**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1905	County:	Cook
Altitude:	590.00 ft.	State:	Illinios
Well Depth:	1973.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

14
WSW
1/4 - 1/2 Mile
Lower

IL WELLS **P7020**

Well ID:	033819	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CHICAGO BREWERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	1875	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	5H
Well Use:	IN	Well Type:	||
Record Type:	Construction Report,Geology,Chemical Analysis		
Driller:	GEIGER		

Map ID Direction Distance Elevation	Database	EDR ID Number
B15 **SE** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**P7018**

Well ID:	033853	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	PRIMA PRODUCTS/INDEPENDENT BRE		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	2164	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	1G
Well Use:	IN	Well Type:	||
Record Type:	Geology,Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

E16 **NNW** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**GIL00021505**

Info Source:	IL Geological Survey		
API ID:	120310337800	Group Number:	31
Well Type:	Water Well	Boring:	0
X Coord:	3498145	Y Coord:	3239962

F17 **SSW** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**P7015**

Well ID:	033836	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	EARNEST BROS BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1889
Depth (in feet):	1655	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	J P MILLER		

F18 **SSW** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**P7010**

Well ID:	024216	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CHICAGO BREWING CO(OR 1875' DE		
Permit:	Not Reported	Date Drilled:	00/00/1934
Depth (in feet):	1627	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	ASSUMED DRILLED
Record Type:	Construction Report,Geology,Indicates comment in owner's field something unusual		
Driller:	J P MILLER		

F19
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7017**

Well ID:	189827	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	STANDARD BRANDS #1		
Permit:	Not Reported	Date Drilled:	00/00/1922
Depth (in feet):	1966	Aquifer Type:	--
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	--
Record Type:	Any other type of record		
Driller:	LAYNE-BOWLER		

F20
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7014**

Well ID:	033809	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	HERMAN & CO/AMERICAN MALTING C		
Permit:	Not Reported	Date Drilled:	02/02/1899
Depth (in feet):	1302	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Geology,Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

F21
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7009**

Well ID:	023909	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BUSH & GERTZ PIANO CO/PATENT S		
Permit:	Not Reported	Date Drilled:	00/00/1910
Depth (in feet):	412	Aquifer Type:	Not Reported
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	ASSUMED DRILLED
Record Type:	Any other type of record		
Driller:	Not Reported		

F22
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7011**

Well ID:	029542	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CHICAGO BREWING CO (OR 1875' D		
Permit:	Not Reported	Date Drilled:	00/00/1934
Depth (in feet):	1627	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Construction Report,Geology,Indicates comment in owner's field something unusual		
Driller:	J P MILLER		

F23
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7016**

Well ID:	033892	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	WEST SIDE BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	2100	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Chemical Analysis		
Driller:	Not Reported		

F24
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7013**

Well ID:	033492	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	STANDARD BRANDS		
Permit:	Not Reported	Date Drilled:	00/00/1925
Depth (in feet):	1962	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Geology,Any other type of record		
Driller:	LAYNE-BOWLER		

F25
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7012**

Well ID:	033482	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	STANDARD BRANDS/FLEISCHMAN YEA		
Permit:	Not Reported	Date Drilled:	00/00/1918
Depth (in feet):	1966	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Geology,Any other type of record		
Driller:	GEIGER		

E26
NW
1/2 - 1 Mile
Higher

IL WELLS **P7526**

Well ID:	034163	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BIRK BREWING CO		
Permit:	Not Reported	Date Drilled:	00/00/1893
Depth (in feet):	1610	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	6F
Well Use:	IN	Well Type:	||
Record Type:	Geology,Any other type of record		
Driller:	J P MILLER		

E27
NW
1/2 - 1 Mile
Higher

IL WELLS **P7525**

Well ID:	034162	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BIRK BREWING CO		
Permit:	Not Reported	Date Drilled:	09/00/1943
Depth (in feet):	1590	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	6F
Well Use:	IN	Well Type:	II
Record Type:	Construction Report,Geology,Chemical Analysis,Any other type of record		
Driller:	GEIGER		

G28
South
1/2 - 1 Mile
Higher

FED USGS **415412087391801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	594.00 ft.	State:	Illinios
Well Depth:	2164.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

G29
South
1/2 - 1 Mile
Higher

FED USGS **415412087391801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	594.00 ft.	State:	Illinios
Well Depth:	2164.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

H30
SE
1/2 - 1 Mile
Higher

IL WELLS **P7007**

Well ID:	033829	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CRYSTAL ICE CO		
Permit:	Not Reported	Date Drilled:	07/00/1897
Depth (in feet):	1615	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	04	Plot Location:	7G
Well Use:	IN	Well Type:	II
Record Type:	Geology,Any other type of record		
Driller:	J P MILLER		

Map ID Direction Distance Elevation				Database	EDR ID Number
H31 **SE** **1/2 - 1 Mile** **Higher**				**IL WELLS**	**P7008**
Well ID:	033882	Second ID:	Not Reported		
Info Source:	IL Private Water Wells Survey				
Owner:	SIEBEN BREWING CO/OLD EXCELSIO				
Permit:	Not Reported	Date Drilled:	05/00/1897		
Depth (in feet):	1240	Aquifer Type:	Bedrock		
County Code:	031	County:	COOK		
Township:	39N	Range:	14E		
Section:	04	Plot Location:	7G		
Well Use:	IN	Well Type:	||		
Record Type:	Geology,Chemical Analysis,Any other type of record				
Driller:	MILLER				

E32 **NNW** **1/2 - 1 Mile** **Higher**				**IL WELLS**	**GIL00021506**
Info Source:	IL Geological Survey				
API ID:	120310337900	Group Number:	31		
Well Type:	Water Well	Boring:	0		
X Coord:	3497804	Y Coord:	3240278		

33 **SSE** **1/2 - 1 Mile** **Lower**	Site ID:	S100052384		**AQUIFLOW**	**24816**
	Groundwater Flow:	NE			
	Deep Water Depth:	5			
	Average Water Depth:	Not Reported			
	Shallow Water Depth:	2			
	Current Deep Depth:	5			
	Current Average Depth:	Not Reported			
	Current Shallow Depth:	2			
	Date:	03/98			

F34 **SSW** **1/2 - 1 Mile** **Higher**	Site ID:	S102943665		**AQUIFLOW**	**62415**
	Groundwater Flow:	Not Reported			
	Deep Water Depth:	17.25			
	Average Water Depth:	Not Reported			
	Shallow Water Depth:	6.62			
	Current Deep Depth:	Not Reported			
	Current Average Depth:	4			
	Current Shallow Depth:	Not Reported			
	Date:	02/05/1996			

35 **West** **1/2 - 1 Mile** **Higher**	Site ID:	1000402536		**AQUIFLOW**	**62994**
	Groundwater Flow:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	6.77			
	Shallow Water Depth:	Not Reported			
	Current Deep Depth:	Not Reported			
	Current Average Depth:	6.77			
	Current Shallow Depth:	Not Reported			
	Date:	12/09/1993			

Map ID Direction Distance Elevation			Database	EDR ID Number
G36 **South** **1/2 - 1 Mile** **Higher**	Site ID:	S100530252	**AQUIFLOW**	**62373**
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	5.48		
	Average Water Depth:	Not Reported		
	Shallow Water Depth:	2.31		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	Not Reported		
	Current Shallow Depth:	Not Reported		
	Date:	10/18/1996		

37
NNE
1/2 - 1 Mile
Higher

IL WELLS **P7524**

Well ID:	034173	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	F P SMITH WIRE & IRON WORKS		
Permit:	Not Reported	Date Drilled:	00/00/1897
Depth (in feet):	240	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	1H
Well Use:	IN	Well Type:	||
Record Type:	Geology,Chemical Analysis,Any other type of record		
Driller:	GEIGER		

I38 **North** **1/2 - 1 Mile** **Higher**	Site ID:	1000463085	**AQUIFLOW**	**61949**
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	5.5		
	Shallow Water Depth:	Not Reported		
	Current Deep Depth:	7		
	Current Average Depth:	Not Reported		
	Current Shallow Depth:	6		
	Date:	08/05/1997		

J39
ENE
1/2 - 1 Mile
Higher

IL WELLS **P7528**

Well ID:	034177	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	HETZEL PKG CO		
Permit:	Not Reported	Date Drilled:	00/00/1895
Depth (in feet):	160	Aquifer Type:	Not Reported
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	33	Plot Location:	Not Reported
Well Use:	IN	Well Type:	||
Record Type:	Any other type of record		
Driller:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
J40 **ENE** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**P7527**

Well ID:	023954	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BARTHOLOMAE & LEICHT BREWING C		
Permit:	Not Reported	Date Drilled:	00/00/1889
Depth (in feet):	1630	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	33	Plot Location:	Not Reported
Well Use:	IN	Well Type:	ASSUMED DRILLED
Record Type:	Any other type of record		
Driller:	J P MILLER		

J41 **ENE** **1/2 - 1 Mile** **Higher**	Site ID:	1000612992	**AQUIFLOW**	**27103**
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8		
	Shallow Water Depth:	Not Reported		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	9.5		
	Current Shallow Depth:	Not Reported		
	Date:	08/06/1997		

I42 **North** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**GIL00027620**

Info Source:	IL Geological Survey		
API ID:	120313145300	Group Number:	31
Well Type:	Water Well	Boring:	0
X Coord:	3499368	Y Coord:	3241992

I43 **North** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**GIL00027619**

Info Source:	IL Geological Survey		
API ID:	120313145200	Group Number:	31
Well Type:	Water Well	Boring:	0
X Coord:	3499368	Y Coord:	3241992

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44 **NE** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**P7529**

Well ID:	034189	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	U S BREWING CO/SCHMIDT BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1901
Depth (in feet):	1593	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	33	Plot Location:	5G
Well Use:	IN	Well Type:	||
Record Type:	Geology,Chemical Analysis,Indicates comment in owner's field something unusual,Any other type of record		
Driller:	J P MILLER		

45
WSW
1/2 - 1 Mile
Higher

IL WELLS **P7021**

Well ID:	033886	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	SULZBERGER & SONS (DUPLICATE)		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	1620	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	06	Plot Location:	2F
Well Use:	IN	Well Type:	||
Record Type:	Chemical Analysis,Inventory,Indicates comment in owner's field something unusual		
Driller:	Not Reported		

46
NNW
1 - 2 Miles
Higher

AQUIFLOW **62017**

Site ID:	S101823267
Groundwater Flow:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	8
Shallow Water Depth:	Not Reported
Current Deep Depth:	Not Reported
Current Average Depth:	5
Current Shallow Depth:	Not Reported
Date:	11/20/1991

47
SSE
1 - 2 Miles
Lower

AQUIFLOW **61916**

Site ID:	S100530438
Groundwater Flow:	Not Reported
Deep Water Depth:	10.70
Average Water Depth:	Not Reported
Shallow Water Depth:	6.30
Current Deep Depth:	7.21
Current Average Depth:	Not Reported
Current Shallow Depth:	4.40
Date:	05/1997

48
NW
1 - 2 Miles
Higher

AQUIFLOW **62917**

Site ID:	S100530159
Groundwater Flow:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Shallow Water Depth:	Not Reported
Current Deep Depth:	7.14
Current Average Depth:	Not Reported
Current Shallow Depth:	4.32
Date:	11/11/1998

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
49 **East** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100530704 Not Reported 12 Not Reported 10 9.74 Not Reported 9.23 08/22/1998	**AQUIFLOW**	**62124**
50 **SSE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100530738 Not Reported Not Reported 6 Not Reported Not Reported Not Reported Not Reported 03/13/1998	**AQUIFLOW**	**56368**
51 **NNE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100530354 E 8.5 Not Reported 4.5 8 Not Reported 7 1/24/92	**AQUIFLOW**	**25030**
52 **NE** **1 - 2 Miles** **Lower**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100054974 Not Reported 14 Not Reported 10 12 Not Reported 7 07/1995	**AQUIFLOW**	**56519**
53 **SSE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102944042 Not Reported Not Reported 13 Not Reported Not Reported Not Reported Not Reported 01/06/1995	**AQUIFLOW**	**56438**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
54 **SSW** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102943634 Not Reported Not Reported 3 Not Reported Not Reported 3 Not Reported 10/20/1993	**AQUIFLOW**	**27329**
55 **North** **1 - 2 Miles** **Higher**	Shallow Water Depth: Groundwater Flow: Deep Water Depth: Date:	75 Not Reported 77 5/24/93	**AQUIFLOW**	**10648**
56 **SSE** **1 - 2 Miles** **Lower**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102943850 Not Reported Not Reported Not Reported Not Reported 10.26 Not Reported 5.20 01/20/1999	**AQUIFLOW**	**61894**
57 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100054979 Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported 18 02/10/1999	**AQUIFLOW**	**56591**
58 **SSW** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102943955 NNE Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported 3/29/93	**AQUIFLOW**	**25019**
59 **WNW** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102943668 Not Reported 15.4 Not Reported 7.7 15.4 Not Reported 7.7 03/29/1994	**AQUIFLOW**	**61932**

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
60 **NW** **1 - 2 Miles** **Lower**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	1000211694 NE 7 Not Reported 5 5.81 Not Reported 2.30 11/29/1993	**AQUIFLOW**	**24909**
61 **NNE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102944091 Not Reported Not Reported Not Reported 12 11 Not Reported 10 10/30/1997	**AQUIFLOW**	**62183**
62 **WSW** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100530134 Not Reported Not Reported Not Reported Not Reported 7.67 Not Reported 3.63 06/30/1998	**AQUIFLOW**	**62616**
63 **SSW** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102943733 Inconclusive 12.31 Not Reported 3.59 12.31 Not Reported 3.59 11/05/1992	**AQUIFLOW**	**27203**
K64 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100530792 Not Reported 5.62 Not Reported 4.29 6 Not Reported 4 05/1992	**AQUIFLOW**	**27090**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
K65 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S102944571 NE Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported 06/04/1992	**AQUIFLOW**	**56315**
L66 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S100052304 Not Reported 7.5 Not Reported 7 4.5 Not Reported 3 06/30/97	**AQUIFLOW**	**24808**
67 **South** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	S101823471 Not Reported Not Reported Not Reported Not Reported 1 Not Reported 1 02/05/1993	**AQUIFLOW**	**56409**
K68 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	1000612630 Not Reported 9 Not Reported 8 9 Not Reported 8 04/24/1992	**AQUIFLOW**	**62390**
L69 **SE** **1 - 2 Miles** **Higher**	Site ID: Groundwater Flow: Deep Water Depth: Average Water Depth: Shallow Water Depth: Current Deep Depth: Current Average Depth: Current Shallow Depth: Date:	1000614843 Not Reported 14 Not Reported 10 14 Not Reported 10 07/31/1997	**AQUIFLOW**	**61915**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for COOK County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60614

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-4099
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-4099
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

County Well Data in Illinois: Cook and DuPage Counties
Source: Illinois State Geological Survey
Telephone: 217-244-2387

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Illinois State Geological Survey Water Wells
Source: Illinois State Geological Survey
Telephone: 217-333-5102
Point data set that shows locations, well type, and well ID for wells in Illinois. Data comes from driller's logs.

RADON

Area Radon Information
Source: USGS
Telephone: 303-202-4210
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX D
PHOTO LOG
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 12, 2002

Description:

View facing west while drilling SB28.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 12, 2002

Description:

View facing northwest while geoprobing SP06.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 12, 2002

Description:

Split spoon samples obtained from soil boring SB28 near the 158,000 gallon tar tank.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 12, 2002

Description:

Split spoon sample obtained from 12 to 14 feet below ground surface at soil boring SB23 inside of the former tar well.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 18, 2002

Description:

View facing southwest while collecting a shelby tube from 18 to 20 feet below ground surface while drilling temporary groundwater monitoring well MW01.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 18, 2002

Description:

View of southern portion of the Site. Obstructions encountered during SI activities.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 18, 2002

Description:

View facing east during well development of temporary groundwater monitoring well MW05.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: February 18, 2002

Description:

View facing west of temporary groundwater monitoring well MW03.

The Former Willow Street Station
Manufactured Gas Plant Site,
1640 North Kingsbury Portion
Date: March 1, 2002

Description:

View facing east of the removal of temporary groundwater monitoring well MW05.

APPENDIX E
SOIL LOGS
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB01/MW02
Ground Elevation	Coordinates	Page
	N 5431.11 E 5188.267	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02 To 2-14-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, topsoil and gravel, dry, stiff		2' split spoon	1	3 3 7 12	10	1.0/2.0		0.0	Sampled 1' - 2'
2	SILTY CLAY (CL), brown, moist, stiff, trace gravel		2' split spoon	2	13 13 7 5	20	1.5/2.0		0.0	
3	Grades to brown with orange mottling, wet, some staining.									
4			2' split spoon	3	4 5 8 8	13	2.0/2.0		1.7	
5	Grades to brown with gray mottling.									
6	Grades to brown, moist, some staining in voids.		2' split spoon	4	4 13 23 28	36	1.0/2.0		0.0	
7										
8	Grades to dark brown, some staining.		2' split spoon	5	38 12 17 11	29	1.0/2.0		0.0	Sampled 8' - 10'
9										
10	Grades to brown.		2' split spoon	6	12 20 14 19	34	1.5/2.0		0.0	
11										
12	Grades to gray with brown mottling.		2' split spoon	7	12 14 17 22	31	2.0/2.0		0.0	
13										
14	Grades to gray.		2' split spoon	8	9 10 11 9	21	1.0/2.0		0.0	
15										

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB01/MW02
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-14-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), brown, moist, stiff, trace gravel		2' split spoon	9	7 9 10 7	19	2.0/2.0		0.0	
17	SILTY CLAY (CL), gray, moist, stiff, trace gravel.									
18			2' split spoon	10	6 5 9 3	14	2.0/2.0		0.0	
19										
20	EOB @ 20'									
21	Well installed @ 18' bgs.									
22	10' screen. 12' sand pack. 3' above ground riser.									
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

ENVIRONMENTAL LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP02
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5383.9818 E 5002.8747	1 of 1
Surface Conditions		**Total Depth**
FILL		16

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	16	0	5		5	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-11-02	To 2-11-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand with gravel, brown and black, dry, poorly sorted.									
2	SILTY CLAY (CL), dark gray to black, moist, some sand and gravel with wood fragments at 3' bgs.		4' liner	1			3.5/4.0		24.8	Sampled at 2' - 3'
3	Slight odors at 3' - 4'									
4										Sampled at 3' - 4'
5	SILTY SAND (SM), light brown, wet, fine, trace gravel		4' liner	2			3.0/3.0		0.0	Water at 5'
6	SILTY CLAY (CL), light gray with brown mottling, damp, stiff, medium plasticity, trace gravel									
7										
8			4' liner	3			3.0/3.0		0.0	
9										
10	No recovery.									
11			4' liner	4			0.25/3.0		0.0	All material in sampler blow in from above.
12										
13										
14			4' liner	5			0.5/3.0		0.0	
15										
16	EOB @ 16'									

Depth to water while drilling

Depth to water after drilling

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP03
Ground Elevation	**Coordinates**	**Page**
	N 5402.8352 E 5064.3733	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		10.5	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-11-02 To 2-11-02	Logged By Jason Blazier	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand and gravel, brown, wet, poorly sorted									
2	FILL, clayey silt with sand, dark brown and gray, dry, some gravel.		4' liner	1			3.0/4.0		0.5	Sample at 2' - 3'
3	Brown and black silty sand fill at 3.5' bgs.									
4	SILTY CLAY (CL), black, dry, stiff, low plasticity, trace gravel									Sample at 4' - 5'
5			4' liner	2			3.0/3.0		0.0	
6	SILTY CLAY (CL), olive, dry, stiff, medium plasticity.									
7	Grades to brown with gray mottling.									
8			4' liner	3			3.0/3.0		0.0	
9										
10										▽
11			4' liner	4			3.0/3.0		0.0	
12										
13										
14			4' liner	5			3.0/3.0		0.0	
15	Grades to gray, brown horizontal and vertical silt lenses.									
16			4' liner	6			3.0/3.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SP03
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), gray, soft, high plasticity, trace gravel, brown horizontal and vertical silt lenses.		4' liner	6			3.0/3.0		0.0	
19	EOB @ 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB04/MW01
Ground Elevation	Coordinates	Page
	N 5355.719 E 4923.057	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		10	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon and Shelby tube
Date 2-18-02	To 2-18-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravel		2' split spoon	1			0/2.0			
2–3	SILTY CLAY (CL), some gravel, brown, moist, very stiff.		2' split spoon	2	27 50		0.5/2.0		0.0	50 blows advanced only 2"
4–5			2' split spoon	3	48 17 7 6	24	0.5/2.0		0.0	
6–7	Grades to olive gray, medium stiff, trace gravel and sand. Some staining.		2' split spoon	4	7 3 3 3	6	1.0/2.0		0.0	Sampled 5' - 7'
8–9	Grades to brown, with sand, wet, trace gravel.		2' split spoon	5	3 3 3 3	6	0.5/2.0		0.0	
10–11	Becomes saturated.		2' split spoon	6	2 2 2 2	4	0.5/2.0		0.0	
12–13	Grades to light brownish gray, no sand, soft.		2' split spoon	7	4 2 1 2	3	1.5/2.0		0.0	
14–15			Shelby tube							Failed Shelby tube attempt 14' - 16'

Depth to water while drilling ▽

Depth to water after drilling ▼

Drilling Log, continued

Boring Number	SB04/MW01
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-18-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
			SAMPLING							
17	SILTY CLAY (CL), some gravel, brown, moist, very stiff.		2' split spoon	8	4 5 4 4	9	1.0/2.0		0.0	
18										
19			Shelby tube	9			1.5/2.0			Shelby tube collected 18' - 20'
20										
21	EOB @ 20' Well set at 18' bgs. 10' screen. 12' sand pack. 3' above ground riser.									
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP05
Ground Elevation	Coordinates	Page
	N 5427.74 E 5121.21	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	20	0	6		11	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-11-02	To 2-11-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sandy silty clay with gravel, brown, damp, poorly sorted, brick fragments at 0' - 0.5'.									
2	SANDY SILT (SM), dark gray and black, moist, fine, some gravel. Staining at 2' - 3'.		4' liner	1			4.0/4.0		0.0	Sample at 2' - 3'
3										
4										
5	SILTY CLAY (CL), gray with brown mottling, firm to stiff, medium plasticity.		4' liner	2			3.0/3.0		0.0	
6										
7										
8			4' liner	3			3.0/3.0		0.0	
9										Sample at 9' - 10'
10										
11	Grades to light brown and gray, saturated, some gravel, metal piece at 12' bgs.		4' liner	4			3.0/3.0		0.0	Metal may be from fill above.
12										
13										
14	Grades to brown.		4' liner	5			3.0/3.0		0.0	
15										
16			4' liner	6			1.0/3.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP05
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), brown, saturated, some gravel.		4' liner	6			1.0/3.0		0.0	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP06
Ground Elevation	Coordinates	Page
	N 5336.74 E 4996.55	1 of 1
Surface Conditions		Total Depth
FILL		10

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	10	0	3		4	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02 To 2-12-02	Logged By Jason Blazier	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1–2	FILL, silty sand and clay, black, brown and gray, dry, poorly sorted, some gravel, wood and brick fragments.		4' liner	1			4.0/4.0		6.2	
2–4	FILL, sandy clayey silt, dark gray, moist, little gravel and brick fragments, wet at 4' bgs., petroleum odor.									Sample at 2' - 3'; Sample at 3' - 4'
4–6	SILTY SAND (SM), brown, saturated, fine, well sorted, petroleum odor. Sheen on soil and water from 6' - 10'		4' liner	2			3.0/3.0		1.7	
6–9			4' liner	3			3.0/3.0		1.8	Source sample at 8' - 10'
10	Refusal at 10' bgs.									

Depth to water while drilling

Depth to water after drilling

ENVIRONMENTAL LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP07
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5352.67 E 5017.83	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
1, 2	FILL, silty sand with gravel, brown, gray and black, dry, poorly sorted.		4' liner	1			4.0/4.0		4.0	Sample at 1' - 2'
3	2" brick fragment layer at 3' bgs.									
4	SILTY CLAY (CL), with sand, dark gray, dry, firm, low plasticity.									Slight odor at 3' - 4'
5, 6	Grades to gray with olive mottling, dry, very stiff, low plasticity, trace gravel.		4' liner	2			3.0/3.0		0.0	
7, 8, 9	Grades to brown with gray mottling.		4' liner	3			3.0/3.0		0.0	Sample at 9' - 10'
10, 11, 12			4' liner	4			3.0/3.0		0.0	
13	Grades to soft.									
14	Brown vertical silt lenses.		4' liner	5			3.0/3.0		0.0	
15	Grades to gray, damp, soft, high plasticity, trace gravel, brown vertical silt lenses.									
16			4' liner	6			3.0/3.0		0.0	Sample at 16' - 17'

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP07
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), gray, damp, soft, high plasticity, trace gravel, brown vertical silt lenses.		4' liner	6			3.0/3.0		0.0	
19	EOB at 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP08
Ground Elevation	Coordinates N 5402.77 E 5143.49	Page 1 of 2
Surface Conditions FILL		Total Depth 19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		11.5	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-11-02 To 2-11-02	Logged By Jason Blazier	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1, 2	FILL, silty sand with clay, brown, wet, some poorly-sorted gravel and brick fragments. Concrete fragments at 3' bgs.		4' liner	1			4.0/4.0		0.0	Sample at 0' - 0.5'
3, 4	FILL, sandy clay, gray, moderate plasticity, some brick fragments									
5, 6	SILTY CLAY (CL), gray with olive mottling, damp, stiff, low plasticity, trace gravel.		4' liner	2			3.0/3.0		0.0	
7, 8, 9			4' liner	3			3.0/3.0		0.0	Sample at 7' - 8'
10, 11, 12	Grades to brown with gray mottling. Becomes wet		4' liner	4			3.0/3.0		0.0	▽
13, 14, 15			4' liner	5			2.5/3.0		0.0	
16			4' liner	6			3.0/3.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SP08
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	3" layer of sandy silty clay at 17', saturated, staining and odor.									
18	SILTY CLAY (CL), gray, moist, soft, high plasticity, brown vertical silt lenses.		4' liner	6			3.0/3.0		0.0	
19	EOB @ 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
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34										
35										
36										
37										

ENVIRONMENTAL LOG WILLOW.GPJ BURNS MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB09
Ground Elevation	Coordinates N 5250.468 E 4968.791	Page 1 of 2
Surface Conditions FILL		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		12	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02 To 2-14-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravel		2' split spoon	1	50		0/2.0			50 blows advanced only 1"
2–3	Sandy gravel fill, brown, moist, dense.		2' split spoon	2	50		0.5/2.0		0.0	50 blows advanced only 5"
4–5	Sandy clay fill, some gravel and wood fragments, dark gray, moist, very stiff, staining, slight odor. Brick layer (6").		2' split spoon	3	28 24 4 6	28	1.0/2.0		0.0	Sampled 3' - 5'
6–7	No recovery. Concrete bottom at 7'.		2' split spoon				0/2.0			
8–9	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		2' split spoon	4	8 9 14 25	23	1.5/2.0		0.0	
10–11			2' split spoon	5	5 5 7 8	12	1.0/2.0		0.0	▽
12–13	Grades to light gray, wet. Grades to light gray with brown mottling, medium stiff.		2' split spoon	6	9 7 9 10	16	2.0/2.0		0.0	
14–15			2' split spoon	7	8 4 4 4	8	1.5/2.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB09
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-14-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		2' split spoon	8	3, 3, 4, 4	7	2.0/2.0		0.0	
17	SILTY CLAY (CL), light gray, moist, stiff, trace gravel									
18			2' split spoon	9	2, 3, 3, 3	6	2.0/2.0		0.0	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB10
Ground Elevation	Coordinates	Page
	N 5308.88 E 5015.05	1 of 1
Surface Conditions		Total Depth
FILL		4

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	4	0	1			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02	To 2-14-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand with gravel, dark brown, moist.		2' split spoon	1	10 10 12 6	22	1.5/2.0		0.0	Sampled 1' - 2'
2	Large debris, no recovery.									
3			2' split spoon				0/2.0			
4	Refusal @ 4' EOB @ 4'									
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

SAMPLING

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP10
Ground Elevation	**Coordinates**	**Page**
	N 5308.88 E 5019.05	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-13-02	To 2-13-02	Logged By Grant Zoldowski	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1–4	FILL, clayey sand with gravel, moderate brown, moist, odor. Some tar coating.		4' liner	1			3.0/4.0		239	
4–10	SILTY CLAY (CL), brown and gray, moist, stiff, trace coarse sand and fine gravel.		4' liner	2			3.0/3.0		112	
7–10			4' liner	3			3.0/3.0		135	
10–13	Tar in fractures. Grades to dark gray.		4' liner	4			3.0/3.0		125	
13–15	Becomes medium stiff.		4' liner	5			3.0/3.0		62.5	
15–16	Becomes stiff.		4' liner	6			2.0/3.0		5.3	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP10
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), dark gray, moist, stiff, trace, coarse sand and fine gravel.		4' liner	6			2.0/3.0		5.3	
19										
20	EOB @ 19'									
21										
22										
23										
24										
25										
26										
27										
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ENVIRONMENTAL.LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP11
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5326.82 E 5038.99	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		12.8	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-13-02	To 2-13-02	Logged By Grant Zoldowski	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1–6	FILL, sandy, silty, clayey fill with gravel, very moist to wet.		4' liner	1			3.5/4.0		14.2	Sampled at 0' - 0.5'
6–7	SILTY CLAY (CL), brown and gray, moist, stiff, trace coarse sand and fine gravel.		4' liner	2			3.0/3.0		5.8	
7–10			4' liner	3			3.0/3.0			No PID due to smearing on soil core. Sample PID 1.0. Sampled at 9' - 10'.
10–12			4' liner	4			3.0/3.0		1.4	▽
12–13	SILTY CLAY AND GRAVEL (CL-GW), wet, loose.									
13–16	SILTY CLAY (CL), brown, wet, soft, trace coarse sand.		4' liner	5			3.0/3.0		1.7	
16			4' liner	6			2.5/3.0		3.2	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SP11
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SAND (SP), fine, gray, loose, wet, trace fine gravel, slight odor.		4' liner	6			2.5/3.0		3.2	
19										
20	EOB @ 19'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP13
Ground Elevation	Coordinates N 5359.39 E 5185.1	Page 1 of 2
Surface Conditions FILL		Total Depth 19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		7.5	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-13-02 To 2-13-02	Logged By Grant Zoldowski	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1–3	FILL, silty sandy clay, black, moist, some brick and gravel. Becomes very moist.		4' liner	1			4.0/4.0		6.9	Sampled @ 1'-2'
4–6	SILTY CLAY (CL), brown and gray, moist, stiff.		4' liner	2			3.0/3.0		1.3	Sampled @ 6'-7'
7–8	SANDY SILTY CLAY (CL), wet, soft, trace coarse gravel.									▽
8–9	SILTY CLAY (CL), brown, moist, hard.		4' liner	3			3.0/3.0		1.8	
10–12	Grades to dark gray, trace coarse sand and fine gravel.		4' liner	4			3.0/3.0		1.2	
13–15	Grades to dark gray with brown mottles, stiff, gravel. Grades to light and dark gray, very moist, soft.		4' liner	5			3.0/3.0		1.3	
16			4' liner	6			3.0/3.0		1.2	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SP13
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), light gray, very moist to wet, soft, trace coarse sand.		4' liner	6			3.0/3.0		1.2	
19	EOB @ 19'									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

ENVIRONME... LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB14
Ground Elevation	Coordinates	Page
	N 5324.65 E 5160.2	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		8	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-11-02 To 2-11-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, with gravel, brown, moist.		2' split spoon	1	30 23 15 20	38	2.0/2.0		0.0	Sampled 1' - 2'
2			2' split spoon	2	20 15 10 3	25	1.0/2.0		0.6	
3	Concrete and gravel									
4	SILTY CLAY (CL), dark gray, moist, soft, trace gravel, staining, faint tar odor.		2' split spoon	3	1 2 2 6	4	1.0/2.0		5.0	
5										
6	Grades to light brownish gray, stiff		2' split spoon	4	8 8 8 6	16	1.0/2.0		0.7	Sampled 6' - 8'
7										
8	Becomes wet.		2' split spoon	5	9 8 10 23	18	1.0/2.0		5.0	
9										
10			2' split spoon	6	7 7 12 7	19	1.0/2.0		4.0	
11										
12			2' split spoon	7	7 9 10 11	19	1.5/2.0		0.0	
13										
14	Becomes moist.		2' split spoon	8	8 5 5 5	10	2.0/2.0		0.0	
15										

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB14
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), dark gray, moist, soft, trace gravel, staining, faint tar odor.									
17	SILTY CLAY (CL), light brownish gray, moist, trace gravel.		2' split spoon	9	5 5 5 7	10	2.0/2.0		0.0	
18 19			2' split spoon	10	3 4 4 2	8	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB15
Ground Elevation	Coordinates	Page
	N 5343.65 E 5204.61	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		12	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-11-02 To 2-11-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, clay, with gravel, dark brown, moist, stiff. Concrete fragments.		2' split spoon	1			1.0/2.0		0.0	Sampled 0' - 0.5'
2, 3	No recovery.		2' split spoon				0/2.0			
4, 5	SILTY CLAY (CL), with gravel, brown, dry, stiff.		2' split spoon	2	8 5 5 8	10	2.0/2.0		0.0	
6, 7	Moist, stiff.		2' split spoon	3	13 8 13 15	21	1.0/2.0		0.0	Sampled 6' - 8'
8, 9	Grades to trace gravel.		2' split spoon	4	11 6 7 8	13	2.0/2.0		0.0	
10, 11	Grades to light brown, wet, stiff.		2' split spoon	5	5 5 10 10	15	2.0/2.0		0.0	Sampled 10' - 12'
12, 13	Becomes saturated.		2' split spoon	6	5 7 8 9	15	2.0/2.0		0.0	
14, 15	Grades to brown, moist, medium stiff.		2' split spoon	7	4 6 7 9	13	2.0/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB15
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), with gravel, brown, dry, stiff. Grades to light gray.				3					
17	SILTY CLAY (CL), light gray, moist, medium stiff, trace gravel.		2' split spoon	8	5 5 5	10	2.0/2.0		0.0	
18					2					
19			2' split spoon	9	4 4 6	8	1.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

ENVIRONMEN... LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP16
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5215.431 E 5267.329	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		4	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-13-02	To 2-13-02	Logged By Grant Zoldowski	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1, 2, 3	FILL, sandy, silty, clayey gravel fill, moist to very moist, some wood.		4' liner	1			4.0/4.0		65.3	Sample @ 2'-3'
4, 5, 6, 7, 8	SAND (SW), fine to coarse, black and gray, wet, medium dense, sheen on water.		4' liner	2			3.0/3.0		62.9	
8	GRAVEL (GP) layer.		4' liner	3			3.0/3.0		510	
9, 10, 11, 12, 13, 14, 15	SILTY CLAY (CL), brown and gray, moist, stiff. Grades to brown, moist, stiff, trace coarse sand and fine gravel.		4' liner	4			2.5/3.0			Sample @ 9'-10' PID sample 9.2
			4' liner	5			1.5/3.0			PID not taken due to smear on soil core
16	No Recovery.		4' liner	6			0/3.0			Sample @ 15' - 16' PID sample 2.5
										Water filling hole, pressure.

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP16
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	No Recovery.									
18			4' liner	6			0/3.0			
19	EOB @ 19'									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB17
Ground Elevation	Coordinates	Page
	N 5309.12 E 5178.69	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		3	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-11-02 To 2-11-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, dark brown, moist, some gravel. Silty sand fill, light brown.		2' split spoon	1	12 14 12 8	26	1.0/2.0		0.0	Sampled 1' - 2'
2–3	Clay fill, dark brown, dry, stiff. Gravel and concrete, wet, faint petroleum odor.		2' split spoon	2	24 30 24 15	54	2.0/2.0		0.0	▽
4–5	Sheen, faint tar odor.		2' split spoon	3	10 12 15 20	27	1.0/2.0		1.9	
6–7	SILTY CLAY (CL), brown with orange mottling, moist, stiff, trace gravel.		2' split spoon	4	4 6 12 12	18	1.0/2.0		0.6	
8–9	Very stiff, sheen.		2' split spoon	5	12 14 17 23	31	1.0/2.0		0.0	
10–11	Grades to light brownish gray with orange mottling.		2' split spoon	6	5 6 8 10	14	2.0/2.0		0.0	
12–13	Grades to light brown, stiff.		2' split spoon	7	9 10 10 8	20	2.0/2.0		0.0	
14–15	Grades to light brown.		2' split spoon	8	5 6 5 6	11	1.0/2.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB17
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-11-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), brown with orange mottling, moist, stiff, trace gravel. Grades to light brown with greenish gray mottling.		2' split spoon	9	3 4 4 4	8	2.0/2.0		0.0	
18	SILTY CLAY (CL), light brown with greenish gray mottling, moist, medium stiff, trace gravel. Grades to light brown.		2' split spoon	10	3 3 3 3	6	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB18A
Ground Elevation	Coordinates	Page
	N 5270.356 E 5117.405	1 of 1
Surface Conditions		Total Depth
FILL		8

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	8	0	1			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-13-02 To 2-13-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, with gravel, dark brown, dry, dense.		2' split spoon	1	24 50		1/2		0	50 blows advanced only 4"
2–3	NO RECOVERY. Gravel and large debris.		2' split spoon		50/1		0/2			50 blows advanced only 1"
4–5			2' split spoon		50/1		0/2			50 blows advanced only 1"
6–7			2' split spoon		100/5		0.5/2			100 blows advanced only 5"
8–16	Refusal @ 8'. Move 5' west and retry.									

Depth to water while drilling

Depth to water after drilling

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB18B
Ground Elevation	Coordinates	Page
	N 5270.356 E 5112.405	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		6	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-13-02	To 2-13-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, with gravel, dark brown, dry, dense.		2' split spoon	1	24 50		1.0/2.0		0.0	50 blows advanced only 4". Sampled 1' - 2'
2–3	Gravel and wood fragments fill, dry, dense, staining, petroleum odor.		2' split spoon	2	45 33 20 32	53	1.0/2.0		16.0	
4–5			2' split spoon	3	23 20 12 17	32	1.0/2.0		75.9	▽ Sampled 5' - 7'
6–7	Sheen, staining, odor.		2' split spoon	4	10 12 15 17	27	0.5/2.0		12	
8–9	No recovery.		2' split spoon				0/2.0			
10–11	SILTY CLAY (CL), dark brown, moist, stiff, trace gravel, tar in voids, sheen.		2' split spoon	5	19 9 5 4	14	1.0/2.0		104	
12–13	No sheen, no tar.		2' split spoon	6	10 12 15 10	27	2.0/2.0		50	
14–15	Grades to light gray with brown mottling.		2' split spoon	7	6 7 9 9	16	2.0/2.0		19.6	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB18B
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), dark brown, moist, stiff, trace gravel, tar in voids, sheen.		2' split spoon	8	3 3 4 5	7	2.0/2.0		6.9	
17	SILTY CLAY (CL), light gray, moist, stiff, trace gravel.									
18			2' split spoon	9	3 3 3 3	6	2.0/2.0		13.5	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB19
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5273.26 E 5084.11	1 of 1
Surface Conditions		**Total Depth**
FILL		5

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	5	0	3		4	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2" split spoon
Date 2-13-02 To 2-13-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, with gravel, dark brown, moist, medium dense.		2' split spoon	1	9 9 11 15	20	1.5/2.0		0.0	Sampled 1' - 2'
2 3	Clay fill, with sand and gravel, dark brown, moist, stiff, staining.		2' split spoon	2	32 40 13 10	53	1.0/2.0		12.5	▽
4	Staining, petroleum odor.		2' split spoon	3	50		0.3/2		13.7	50 blows advanced only 1"
5										Steel obstruction
6	Refusal @ 5' EOB @ 5'									
7 8 9 10 11 12 13 14 15 16										

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB20
Ground Elevation	Coordinates	Page
	N 5244.04 E 5012.48	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	6		4	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-13-02	To 2-13-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand, with gravel, brown, moist, dense.		2' split spoon	1	6 13 14 18	27	2.0/2.0		2.0	Sampled 0' - 0.5'
2, 3	Clay fill, with sand and gravel, dark brown, moist, stiff, staining, petroleum odor.		2' split spoon	2	10 22 16 25	38	1.0/2.0		11.5	▽ Depth to water while drilling
4, 5	Brick and large debris, wet.		2' split spoon	3	50		0.5/2.0		0.0	50 blows advanced only 3"
6, 7	No recovery.		2' split spoon		50		0/2.0			50 blows advanced only 1"
8, 9			2' split spoon		50		0/2.0			50 blows advanced only 1"
10, 11			2' split spoon		50		0/2.0			50 blows advanced only 1"
12, 13			2' split spoon		6 9 11 9	20	0/2.0			
14, 15	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		2' split spoon	4	5 7 9 8	16	1.0/2.0		3.6	

▼ Depth to water after drilling

Drilling Log, continued

Project Name	Former Willow Street Station
Project Number	32088
Boring Number	SB20
Page	2 of 2
Date	2-13-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
			SAMPLING							
17	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		2' split spoon	5	6 6 9 11	15	2.0/2.0		0.0	
18 19			2' split spoon	6	10 10 15 17	25	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB21
Ground Elevation	Coordinates	Page
	N 5196.4124 E 4995.6848	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-15-02 To 2-15-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	FILL, topsoil and gravel, dry, slight tar odors.									
1	Clay fill, with gravel, dark brown, stiff, slight tar odor, tar in voids.		2' split spoon	1	23 47 32 19	79	1.0/2.0		0.0	Sampled 1' - 2'
2										
3	Brick fragments, moist (6")		2' split spoon	2	23 50		0.5/2.0		42.9	50 blows advanced only 2"
4										
5	Gravel and brick fragments, moist.		2' split spoon	3	30 12 6 7	18	0.5/2.0		25.3	
6	SILTY CLAY (CL), brown, moist, stiff, trace gravel.		2' split spoon	4	20 8 8 12	16	1.0/2.0		31.8	Sampled 5' - 7'
7										
8			2' split spoon	5	7 5 7 11	12	1.0/2.0		4.6	
9										
10			2' split spoon	6	3 4 5 9	9	1.5/2.0		2.8	
11										
12	Grades to gray with brown mottling.		2' split spoon	7	8 6 7 11	13	1.5/2.0		1.5	
13										
14	Grades to light brownish gray, medium stiff.		2' split spoon	8	3 4 5 5	9	1.5/2.0		2.5	
15										

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB21
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), brown, moist, stiff, trace gravel. Slight odor.				2					
17	SILTY CLAY (CL), light brownish gray, moist, medium stiff, trace gravel.		2' split spoon	9	4 5 6	9	1.5/2.0		2.2	
18					3					
19			2' split spoon	10	5 4 3	9	0.5/2.0		10.1	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB22
Ground Elevation	Coordinates	Page
	N 5203.36 E 5019.7	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		6	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-15-02 To 2-15-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, topsoil, with gravel, dry. Sandy clay fill, with gravel, dark brown, dry, very stiff.		2' split spoon	1	50		0.5/2.0		0.0	50 blows advanced only 4"
2–3	Staining, slight odor.		2' split spoon	2	28 50		0.5/2.0		79.3	Sampled 2' - 3' 50 blows advanced only 5"
4–5	Gravel and concrete fragments, some sand, wet, sheen, slight odor.		2' split spoon	3	24 16 10 7	26	1.0/2.0		1.3	▽
6–7	SILTY CLAY (CL), brown, moist, stiff, trace gravel, sheen.		2' split spoon	4	12 9 12 13	21	1.0/2.0		4.9	
8–9	Grades to light brownish gray, moist.		2' split spoon	5	10 8 9 9	17	1.5/2.0		0.0	
10–11	Some gravel (fine to medium).		2' split spoon	6	9 6 9 9	15	1.5/2.0		0.0	
12–13	Trace gravel.		2' split spoon	7	9 11 12 12	23	1.5/2.0		0.0	
14–15	Stiff, trace gravel and sand.		2' split spoon	8	7 6 5 5	11	1.0/2.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB22
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), brown, moist, stiff, trace gravel, sheen.		2' split spoon	9	3 4 5 5	9	1.5/2.0		0.0	
17	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel and sand.									
18	Grades to medium stiff.		2' split spoon	10	3 3 4 2	7	1.5/2.0		0.0	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB23
Ground Elevation	Coordinates N 5239.06 E 5077.27	Page 1 of 2
Surface Conditions FILL		Total Depth 20

Drilling Type	Hole Size (I D)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	8		4	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-12-02 To 2-12-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand with gravel, brown, moist, dense.		2' split spoon	1	6 7 8 8	15	1.0/2.0		0.0	Sampled 1' - 2'
2–3	No recovery.		2' split spoon		50		0/2.0			50 blows advanced only 1"
4–5	FILL, sand, with gravel and wood fragments, black, saturated, loose, sheen, staining, strong tar odor.		2' split spoon	2	15 4 3 3	7	1.0/2.0		97.3	
6–7			2' split spoon	3	5 4 4 4	8	1.0/2.0		0.0	Sampled 4' - 10'
8–9			2' split spoon	4	6 8 8 8	16	1.0/2.0		0.0	
10–11	No recovery.		2' split spoon				0/2.0			
12–13	FILL, sand, with gravel and wood fragments, black, saturated, loose, strong tar odor, tar saturated.		2' split spoon	5	3 4 5 5	9	1.0/2.0		116	
14–15	Tar with gravel. Gravel bottom (2').		2' split spoon	6	50		1.5/2.0		196	50 blows advanced only 3" Sampled 14' - 16'

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB23
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		2' split spoon	7	3 8 10 11	18	1.5/2.0		5.3	
18 19			2' split spoon	8	5 5 7 8	12	2.0/2.0		2.1	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB24
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5244.18 E 5100.83	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		10	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-12-02 To 2-12-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, silty sand, with gravel, olive gray, moist, dense.		2' split spoon	1	4 8 12 15	20	1.0/2.0		0.0	Sampled 1' - 2'
2–3			2' split spoon	2	9 10 11 12	21	1.0/2.0		0.0	
4–5	Silty clay fill, olive gray, with sand and gravel, moist, stiff, sheen, staining, tar odor.		2' split spoon	3	4 3 5 7	8	1.0/2.0		12.3	
6–7	Sheen, odors. Silty clay fill, brown with orange mottling, moist, stiff, trace gravel.		2' split spoon	4	4 7 3 4	10	1.0/2.0		33.0	Sampled 5' - 7'
8	Brick layer (3").									
9	SILTY CLAY (CL), brown, moist, trace gravel.		2' split spoon	5	12 13 14 7	27	1.0/2.0		2.8	▽
10–11			2' split spoon	6	4 2 4 5	6	1.0/2.0		1.8	
12–13			2' split spoon	7	6 5 6 7	11	1.0/2.0		3.3	
14–15	Grades to light brownish gray, sheen. No sheen.		2' split spoon	8	2 4 4 7	8	1.0/2.0		1.6	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB24
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), brown, moist, trace gravel.									
17	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel.		2' split spoon	9	5 7 8 12	15	2.0/2.0		0.0	
18 19			2' split spoon	10	10 11 9 12	20	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB25
Ground Elevation	Coordinates N 5222.98 E 5141.2	Page 1 of 2
Surface Conditions FILL		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		16	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-12-02 To 2-12-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sandy clay, dark brown, dry, stiff, some slag.		2' split spoon	1	30 32 12 20	44	1.0/2.0		0.0	Sampled 1' - 2'
2–3	Sand and gravel fill, moist, sheen.		2' split spoon	2	32 20 12 15	32	2.0/2.0		0.0	
4–5	SILTY CLAY (CL), olive gray, moist, stiff, trace gravel.		2' split spoon	3	5 5 6 5	11	2.0/2.0		0.0	Sampled 3' - 5'
6–7	Medium stiff, faint odor.		2' split spoon	4	3 3 4 3	7	2.0/2.0		2.3	
8–9	Wet, sheen, faint odor.		2' split spoon	5	2 2 3 3	5	1.0/2.0		0.0	
10–11	Moist, soft.		2' split spoon	6	2 2 2 2	4	1.0/2.0		1.6	
12–13	Grades to light brownish gray, stiff.		2' split spoon	7	4 8 12 10	20	2.0/2.0		0.0	Sampled 12' - 14'
14–15			2' split spoon	8	4 8 12 10	20	2.0/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB25
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), light gray, wet, stiff, trace gravel.									
17			2' split spoon	9	8 8 7 8	15	2.0/2.0		0.0	
18										
19			2' split spoon	10	3 3 3 3	6	2.0/2.0		0.0	
20										
	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB26
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5191.0296 E 5091.1652	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		6	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-13-02	To 2-13-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	FILL, topsoil and gravel.									
1	Sandy clay fill, dark brown, moist, dense, some gravel, staining, petroleum odor.		2' split spoon	1	50		1.0/2.0		0.0	50 blows advanced only 2"
2–3			2' split spoon	2	33, 50		0.5/2.0		3.1	50 blows advanced only 1"
4	SILTY CLAY (CL), olive gray with greenish gray mottling, moist, stiff, trace gravel, sheen.		2' split spoon	3	9, 6, 5, 6	11	1.0/2.0		0.0	Sampled 3' - 5'
6–7			2' split spoon	4	6, 9, 12, 12	21	2.0/2.0		0.0	
8–9	No recovery.		2' split spoon				0/2.0			
10–11	SILTY CLAY (CL), brown, moist, stiff, trace gravel, slight odor.		2' split spoon	5	6, 9, 9, 10	18	1.0/2.0		5.1	
12–13	Grades to light gray.		2' split spoon	6	10, 9, 9, 6	18	2.0/2.0		0.0	
14–15	Grades to light brownish gray.		2' split spoon	7	12, 12, 14, 13	26	1.5/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB26
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), light brownish gray, moist, medium stiff, trace gravel. Soft.		2' split spoon	8	1 2 2 2	4	1.5/2.0		0.0	
18–19	Medium stiff.		2' split spoon	9	2 3 3 3	6	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB27
Ground Elevation	Coordinates	Page
	N 5155.3296 E 5033.5952	1 of 2
Surface Conditions		Total Depth
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-15-02	To 2-15-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravel and concrete fragments.		2' split spoon	1	50		0.5/2.0		0.0	50 blows advanced only 4"
2, 3	No recovery.		2' split spoon				0/2.0			
4, 5	SILTY CLAY (CL), brown with orange mottling, moist, stiff, trace gravel.		2' split spoon	2	10 11 5 5	16	1.5/2.0		0.0	
6, 7			2' split spoon	3	7 11 5 8	16	1.0/2.0		0.0	Sampled 5' - 7'
8, 9			2' split spoon	4	7 8 9 7	17	1.0/2.0		0.0	
10, 11			2' split spoon	5	7 8 9 11	17	1.5/2.0		0.0	Sampled 10' - 12'
12, 13	Grades to light gray with brown mottling.		2' split spoon	6	9 7 5 5	12	2.0/2.0		0.0	
14, 15	Trace gravel and sand.		2' split spoon	7	7 9 5 5	14	1.5/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB27
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), light gray with brown mottling, moist, stiff, trace gravel. Grades to light brownish gray.		2' split spoon	8	6 8 5 8	13	1.5/2.0		0.0	
18–19			2' split spoon	9	3 3 4 5	7	1.5/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB28
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5125.0012 E 5000.729	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-15-02	To 2-15-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravelly sand, dark brown, moist, dense		2' split spoon	1	15 22 50	72	1.0/2.0		0.0	50 blows advanced only 2"
2–3	SILTY CLAY (CL), brown, some gravel, moist, stiff.		2' split spoon	2	20 24 13 12	37	2.0/2.0		0.0	Sampled 2' - 3'
4–5	Grades to olive gray, trace gravel.		2' split spoon	3	5 9 12 11	21	1.5/2.0		0.0	
6–7	Wood fragments, staining.		2' split spoon	4	8 8 9 9	17	1.5/2.0		0.0	Sampled 5' - 7'
8–9	No recovery.		2' split spoon				0/2.0			
10–11	SILTY CLAY (CL), brown, moist, stiff, trace gravel.		2' split spoon	5	5 5 7 5	12	1.0/2.0		0.0	
12–13	Grades to brown with orange mottling.		2' split spoon	6	5 10 7 8	17	1.5/2.0		0.0	
14–15	Grades to light brownish gray.		2' split spoon	7	6 5 5 4	10	1.5/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB28
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), brown, moist, stiff, trace gravel.		2' split spoon	8	4 4 4 6	8	1.5/2.0		0.0	
17	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel.									
18			2' split spoon	9	2 3 5 2	8	1.5/2.0		0.0	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB29
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5136.1174 E 5039.1533	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-15-02 To 2-15-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravelly sand, dark brown, moist, dense.		2' split spoon	1	13 50		0.5/2.0		0.0	50 blows advanced only 1"
2–3	No recovery.		2' split spoon				0/2.0			
4–5	SILTY CLAY (CL), brown with orange mottling, moist, stiff, trace gravel.		2' split spoon	2	17 14 16 17	30	1.0/2.0		0.0	Sampled 4' - 5'
6–7			2' split spoon	3	13 14 16 12	30	1.0/2.0		0.0	
8–9			2' split spoon	4	8 10 10 12	20	1.5/2.0		0.0	
10–11	Some gravel.		2' split spoon	5	6 7 7 9	14	0.5/2.0		0.0	
12–13			2' split spoon	6	7 9 6 9	15	1.5/2.0		0.0	Sampled 12' - 14'
14–15	Grades to light brownish gray, medium stiff, trace gravel.		2' split spoon	7	4 4 4 3	8	1.5/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB29
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), brown with orange mottling, moist, stiff, trace gravel.		2' split spoon	8	4 4 5 5	9	1.5/2.0		0.0	
18–19			2' split spoon	9	2 2 3 4	5	1.5/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB31
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5123.787 E 5110.6186	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		8	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02	To 2-14-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	FILL, topsoil with gravel.									
1	Sand, dark brown, dry, dense, with gravel.		2' split spoon	1	50		0.5/2.0		0.0	50 blows advanced only 3"
2–3	Becomes brown.		2' split spoon	2	15, 9, 9, 9	18	1.0/2.0		0.0	Sampled 2' - 3'
4–5			2' split spoon	3	7, 8, 9, 12	17	1.0/2.0		0.0	
6	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel.									
7			2' split spoon	4	7, 9, 13, 15	22	1.0/2.0		0.0	Sampled 6' - 8'
8	Wet.									
9			2' split spoon	5	6, 7, 17, 20	24	1.0/2.0		0.0	
10–11			2' split spoon	6	9, 8, 9, 8	17	1.0/2.0		0.0	
12–13			2' split spoon	7	8, 8, 8, 9	16	2.0/2.0		0.0	
14–15	Grades to light gray, medium stiff.		2' split spoon	8	4, 4, 5, 5	9	2.0/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB31
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-14-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel.		2' split spoon	9	4 5 5 6	10	2.0/2.0		0.0	
17	SILTY CLAY (CL), light gray, moist, medium stiff, trace gravel.									
18			2' split spoon	10	3 3 4 3	7	2.0/2.0		0.0	
19										
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB32
Ground Elevation	Coordinates N 5194.82 E 5158.38	Page 1 of 2
Surface Conditions FILL		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		6	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-12-02 To 2-12-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravel and concrete fragments.		2' split spoon				0/2.0			
2–3	Sandy clay fill, with gravel, dark brown, dry, dense. Silty sand fill, light brown, moist, loose, trace gravel.		2' split spoon	1	35 30 27 28	57	2.0/2.0		1.6	Sampled @ 2' - 3' Sampled @ 3' - 5'
4–5			2' split spoon	2	10 15 12 13	27	1.0/2.0		2.5	
6–7	Wet.		2' split spoon	3	2 3 4 1	7	1.0/2.0		0.0	
8–9	Gravel, concrete and brick fragments, saturated, sheen, petroleum odor.		2' split spoon	4	3 5 5 10	10	1.0/2.0		7.6	
10–11	Wood fragments, sheen, odor.		2' split spoon	5	3 5 3 5	8	1.0/2.0		4.1	
12–13	SILTY CLAY (CL), brown, dry, medium stiff, trace gravel, sheen, faint odor.		2' split spoon	6	3 5 3 5	8	2.0/2.0		8.0	
14–15	Grades to light brown, sheen.		2' split spoon	7	4 5 8 8	13	1.0/2.0		0.7	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB32
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), light brown with orange mottling, dry, stiff, trace gravel, sheen.		2' split spoon	8	5 5 6 7	11	2.0/2.0		0.0	
18 19	Grades to light brown, faint odor.		2' split spoon	9	4 4 4 4	8	2.0/2.0		0.7	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB33
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5178.56 E 5161.06	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9		12	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-12-02	To 2-12-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
1	FILL, clay, with gravel and brick fragments, dark brown, dry, dense. Brick layer (3" - 7").		2' split spoon	1	40 25 28 8	53	1.0/2.0		0.0	Sampled 0' - 0.5'
2–3	No Recovery		2' split spoon		50		0.25/2.0			50 blows advanced only 5"
4–5	SILTY CLAY (CL), dark gray with olive gray mottling, some gravel, dry, medium stiff, faint odor.		2' split spoon	2	10 4 4 4	8	1.0/2.0		0.0	
6–7	Grades to gray with orange mottling, stiff, trace gravel.		2' split spoon	3	6 7 14 14	21	2.0/2.0		0.0	Sampled 5' - 7'
8–9	Grades to brown with orange mottling.		2' split spoon	4	6 7 9 10	16	1.0/2.0		0.0	
10–11			2' split spoon	5	3 5 6 7	11	1.0/2.0		0.0	Sampled 10' - 12'
12–13	Grades to with sand, wet		2' split spoon	6	4 8 8 10	16	1.0/2.0		0.0	
14–15	Grades to light gray, moist, medium stiff.		2' split spoon	7	6 5 5 10	10	2.0/2.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SB33
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	SILTY CLAY (CL), light gray, moist, medium stiff, medium plasticity, trace gravel.									
17	Trace gravel and sand.		2' split spoon	8	5 5 4 8	9	2.0/2.0		0.0	
18										
19			2' split spoon	9	2 4 4 6	8	2.0/2.0		0.0	
20										
	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP34
Ground Elevation	Coordinates	Page
	N 5133.167 E 5143.393	1 of 2
Surface Conditions		Total Depth
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6		4.5	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
1	FILL, silty sand and silty clay, dark brown, wet, some poorly sorted gravel.									Sample at 0' - 0.5'
2	FILL, silty sand, fine, brown, moist, well sorted.		4' liner	1			3.5/4.0		3.0	
3	FILL, silty clay, brown, dry, moderate plasticity, some sand and gravel, some coal and cinder material.									
4										Water at 4.5'
5	SILTY CLAY (CL), gray with brown mottling, damp, firm, high plasticity.		4' liner	2			3.0/3.0		0.0	
6										Sample at 5' - 7'
7	SILTY SAND (SM), fine, brown, wet, trace gravel.									
8			4' liner	3			2.0/3.0		0.0	
9										
10										
11			4' liner	4			3.0/3.0		0.0	
12										
13	Grades to saturated with some gravel.									
14			4' liner	5			3.0/3.0		0.0	
15	SILTY CLAY (CL), brown with gray mottling, stiff, high plasticity, little gravel.									
16	No recovery.		4' liner	6			0/3.0			

Depth to water while drilling

Depth to water after drilling

ENVIRONMENTAL LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log, continued

Boring Number	SP34
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	No recovery.									
18			4' liner	6			0/3.0			
19										
	EOB @ 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP35
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5154.14 E 5238.03	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-13-02	To 2-13-02	Logged By Grant Zoldowski	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1, 2, 3	FILL, sandy, silty clay with cinders, moist, hard. Gravel layer (2") Wood fragments (2")		4' liner	1			4.0/4.0		28.2	Sample @ 1' - 2'
4, 5	FILL, sandy silty clay, stiff. FILL, silty clay, brown and gray, moist, stiff.		4' liner	2			3.0/3.0		9.1	Sample @ 6' - 7'
6, 7, 8, 9	FILL, sand, fine, black, very moist, medium dense, some brick. SILTY CLAY (CL), dark brown, moist, stiff. Grades to brown and gray, trace fine gravel and coarse sand.		4' liner	3			3.0/3.0		1.0	
10, 11, 12	Becomes hard.		4' liner	4			3.0/3.0		1.0	Sample @ 12' - 13'
13, 14, 15			4' liner	5			3.0/3.0		1.0	
16	Grades to gray, moist to very moist, soft.		4' liner	6			3.0/3.0		1.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP35
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-13-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), gray, moist to very moist, soft.		4' liner	6			3.0/3.0		1.0	
19										
20	EOB @ 19'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP37
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5080.23 E 5127.32	1 of 2
Surface Conditions		**Total Depth**
GRAVEL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	FILL, gravel, light pink									
1	FILL, sandy silt with clay, dark gray, dry, trace gravel and wood fragments.		4' liner	1			3.5/4.0		1.0	Sample at 1' - 2'
2	Brick fragments at 2.5' bgs.									
3	SILTY CLAY (CL), dark gray with olive gray mottling, dry, stiff, trace gravel, low plasticity									
4										
5	Grades to dark brown, little sand and gravel.		4' liner	2			3.0/3.0		0.0	
6										
7										
8			4' liner	3			3.0/3.0		0.0	Sample at 8' - 9'
9										
10										
11			4' liner	4			3.0/3.0		0.0	
12										Sample at 12' - 13'
13										
14	Grades to brown and gray, firm, high plasticity, trace sand and gravel.		4' liner	5			3.0/3.0		0.0	
15										
16			4' liner	6			3.0/3.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP37
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), brown and gray, firm, high plasticity, trace sand and gravel. Grades to soft.		4' liner	6			3.0/3.0		0.0	Color in sample is split vertically with 2/3 brown and 1/3 gray.
19	EOB @ 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB38
Ground Elevation	Coordinates N 5102.97 E 5192.91	Page 1 of 2
Surface Conditions FILL		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	9			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02 To 2-14-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, gravel at surface. No recovery.		2' split spoon		50		0/2.0			50 blows advanced only 2"
2–3	Sandy gravel fill, dark brown, moist, dense, staining.		2' split spoon	1	50		0.5/2.0		0.0	50 blows advanced only 5"
4–5	Sandy clay fill, some gravel, dark gray, wet, stiff, staining.		2' split spoon	2	8 16 11 12	27	1.0/2.0		0.0	
6–7	SILTY CLAY (CL), brown, moist, stiff, trace gravel.		2' split spoon	3	8 11 7 7	18	1.5/2.0		0.0	Sampled 5' - 7'
8–9			2' split spoon	4	6 7 8 7	15	1.0/2.0		0.0	
10–11			2' split spoon	5	6 7 8 8	15	1.5/2.0		0.0	
12–13	Grades to light brownish gray.		2' split spoon	6	6 8 10 9	18	2.0/2.0		0.0	
14–15	Staining.		2' split spoon	7	5 6 5 6	11	2.0/2.0		0.0	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB38
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-14-02

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
			SAMPLING							
17	SILTY CLAY (CL), light gray, moist, medium stiff, trace gravel.		2' split spoon	8	3 3 4 4	7	2.0/2.0		0.0	
18 19	Wet.		2' split spoon	9	4 4 5 7	9	2.0/2.0		0.0	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP39
Ground Elevation	Coordinates	Page
	N 5011.142 E 5032.958	1 of 2
Surface Conditions		Total Depth
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, sand and gravel, brown, moist, poorly sorted, trace glass fragments.									
2	FILL, sandy silt with clay, dark gray, damp, wood fragments at 2.5' bgs.		4' liner	1			3.5/4.0		0.5	Sample at 1' - 2'
3	Brick fragments at 4' bgs.									
4	FILL, silty sand, black, wet, poorly sorted, some gravel and cinder material, trace gray silt.									
5			4' liner	2			3.0/3.0		0.0	Sample at 5' - 6'
6	Brick fragments at 6.5' bgs.									
7	FILL, sandy silt with clay, black, moist, some wood fragments.									
8	SILTY CLAY (CL), gray with brown mottling, dry, stiff, low plasticity, trace gravel.		4' liner	3			3.0/3.0		0.0	
9										
10										Sample at 10' - 11'
11			4' liner	4			3.0/3.0		0.0	
12	Grades to brown and firm.									
13	Saturated gravel seam at 14', some clay and silt.									
14	SILTY CLAY (CL), brown, moist, firm, moderate plasticity.		4' liner	5			3.0/3.0		0.3	
15										
16	No recovery.		4' liner	6			0.0/3.0			

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP39
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	No recovery.									
18			4' liner	6			0.0/3.0			
19										
	EOB @ 19' bgs.									
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP40
Ground Elevation	Coordinates	Page
	N 5031.622 E 5083.051	1 of 2
Surface Conditions		Total Depth
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1–2	FILL, sand and gravel, brown, damp, poorly sorted, trace wood fragments, trace cinders, trace brick fragments.		4' liner	1			4.0/4.0		1.1	Sample at 2' - 3'
3	FILL, silty clay with sand, black and olive, dry, low plasticity, trace cinders at 4' bgs.									
4–5	SILTY CLAY (CL), with sand, black and olive, dry, low plasticity.		4' liner	2			3.0/3.0		0.0	
6–7	Grades to brown with gray mottling, very stiff, trace gravel.									Sample at 7' - 8'
8–9			4' liner	3			3.0/3.0		0.0	
10	Gravel seam at 10' bgs.									
11–12	Increasing gravel and less mottling.		4' liner	4			3.0/3.0		0.0	
13–14			4' liner	5			3.0/3.0		0.0	Sample at 14' - 15'
15–16			4' liner	6			3.0/3.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP40
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), with sand, black and olive, dry, low plasticity.		4' liner	6			3.0/3.0		0.0	
19										
20	EOB @ 19' bgs.									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

ENVIRONMENTAL LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP43
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5042.99 E 5217.65	1 of 2
Surface Conditions		**Total Depth**
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1, 2	FILL, silty sand and clay, wet, some poorly sorted gravel and brick fragments. Layer of large white gravel at 1.5' bgs.		4' liner	1			4.0/4.0		6.9	Sample at 2' - 3'
3, 4	SILTY SAND (SM), fine, black, wet to saturated. Staining and strong odors 3' - 4'.									Source sample at 3.5' - 4.5'
5, 6	SILTY CLAY (CL), gray with olive mottling, dry, moderate plasticity, trace gravel. Trace black staining 4.5' - 8.5'.		4' liner	2			3.0/3.0		37.5	
7, 8, 9	Grades to brown with gray mottling.		4' liner	3			3.0/3.0		16.4	
10, 11, 12			4' liner	4			2.5/3.0		19.3	Sample at 11' - 12'
13, 14, 15	Little recovery 13' - 16'.		4' liner	2			0.25/3.0		0.0	
16	SILTY CLAY (CL), brown with gray mottling, dry, stiff, low plasticity, little gravel.		4' liner	6			3.0/3.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	SP43
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), brown with gray mottling, dry, stiff, low plasticity, little gravel.		4' liner	6			3.0/3.0		0.0	
19										
20	EOB @ 19' bgs.									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SP44
Ground Elevation	Coordinates	Page
	N 5049.35 E 5272.574	1 of 2
Surface Conditions		Total Depth
FILL		19

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2"	19	0	6			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill
Drilling Rig	Bobcat mounted Geoprobe	Type of Sampler	4' acetate liner
Date 2-12-02	To 2-12-02	Logged By Jason Blazier	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	FILL, silty sand and clay, brown, moist, some poorly sorted gravel.									Sample at 0' - 0.5'
1	FILL, sandy silt with clay, dark brown, dry, trace gravel and leaves.									
2			4' liner	1			4.0/4.0		1.9	
3	Wood fragments at 3' bgs.									
4										
5	FILL, silty clay, black, dry, stiff, low plasticity, trace wood and gravel.									
6	SILTY CLAY (CL), gray with olive mottling, dry, stiff, moderate plasticity, trace gravel.		4' liner	2			3.0/3.0		1.5	Sample at 6' - 7'
7										
8			4' liner	3			3.0/3.0		0.0	
9	Grades to brown with gray mottling.									
10										
11			4' liner	4			3.0/3.0		0.0	
12										Sample at 12' - 13'
13	Grades to gray, moist, soft, high plasticity.									
14			4' liner	5			3.0/3.0		0.0	
15										
16			4' liner	6			3.0/3.0		0.0	

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Project Name	Former Willow Street Station
Project Number	32088
Boring Number	SP44
Page	2 of 2
Date	2-12-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
18	SILTY CLAY (CL), gray, moist, soft, high plasticity, trace gravel.		4' liner	6			3.0/3.0		0.0	
19										
20	EOB @ 19' bgs.									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	SB45
Ground Elevation	**Coordinates**	**Page**
100.00 ft. (Chicago datum)	N 5157.4083 E 5100.8919	1 of 2
Surface Conditions		**Total Depth**
FILL		20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	10		10	

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Derek Stefanson/Lance McGill
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon
Date 2-14-02	To 2-14-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
1	FILL, topsoil and gravel. Clay fill, with gravel, dark brown, dry, stiff, slight odor.		2' split spoon	1	15 17 10 12	27	1.0/2.0		0.0	Sampled 0' - 0.5'
2–3	Gravel and concrete layer (6"). Sandy clay fill, some gravel, brown, moist, medium dense, staining, slight odor.		2' split spoon	2	28 28 30 20	58	1.0/2.0		13.4	
4–5	Gravel and concrete fragments.		2' split spoon	3	11 5 5 7	10	0.5/2.0		3.4	Sampled 3' - 5'
6–7	SILTY CLAY (CL), light brownish gray with orange mottling, dry, stiff, trace gravel		2' split spoon	4	4 5 10 10	15	1.0/2.0		0.0	
8–9			2' split spoon	5	4 5 13 14	18	2.0/2.0		0.0	▽
10–11	Grades to light brownish gray, wet, tar in void, slight odor.		2' split spoon	6	6 12 13 13	25	2.0/2.0		2.0	
12–13			2' split spoon	7	6 7 9 9	16	2.0/2.0		4.9	
14–15	Grades to light brownish gray with orange mottling, sheen, odor.		2' split spoon	8	3 4 5 7	9	1.0/2.0		3.4	

▽ Depth to water while drilling

▼ Depth to water after drilling

Drilling Log, continued

Boring Number	SB45
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-14-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
17	SILTY CLAY (CL), light brownish gray with orange mottling, dry, stiff, trace gravel Some sand.		2' split spoon	9	3 5 7 7	12	1.5/2.0		1.1	
18 19	Moist, soft.		2' split spoon	10	2 2 4 3	6	1.5/2.0		0.5	
20	EOB @ 20'									
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	MW03
Ground Elevation	Coordinates	Page 1 of 2
Surface Conditions		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	1			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill/Derek Stefanson/Josh Oman
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	2' split spoon and Shelby tube
Date 2-18-02 To 2-18-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks (▽ Depth to water while drilling; ▼ Depth to water after drilling)
1–11	Blind drill to 12' bgs. Offset from WSS-SP39 See log for WSS-SP39 for soil description.									
12–13	SILTY CLAY (CL), light brown and gray, moist, trace gravel.		2' split spoon	1						
14–15	Blind drill to 16' bgs.									
16	Sample not collected due to Shelby tube advancement.		Shelby tube				1/2			

Drilling Log, continued

Boring Number	MW03
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-18-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	Sample not collected due to Shelby tube advancement.		Shelby tube				1/2			Failed Shelby tube attempt. 16' - 18' bgs.
18	Blind drill to 20' bgs.									
19										
20	EOB @ 20' bgs.									
21	Well installed @ 20' bgs.									
22	10' screen. 12' sand pack. 1' above ground riser.									
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	MW04
Ground Elevation	Coordinates	Page 1 of 2
Surface Conditions		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0	0			

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill/Derek Stefanson
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	Shelby tube
Date 2-18-02	To 2-18-02	Logged By Libby Northrip	Reviewed by: Don Schilling

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
1	Blind drill to 14' bgs. Offset from WSS-SP44. See log for WSS-SP44 for soil description.									
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14	Sample not collected due to Shelby tube advancement.		Shelby tube				0.75/2.0			Failed Shelby tube attempt 14' - 16' bgs.
15										
16	Blind drill to 20' bgs.									

Depth to water while drilling

Depth to water after drilling

Drilling Log, continued

Boring Number	MW04
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-18-02

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks
	Blind drill to 20' bgs.									
18										
19										
20										
21	EOB @ 20' bgs. Well installed @ 20' bgs.									
22	10' screen. 12' sand pack. 3' above ground riser.									
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

Drilling Log

Project Name	Project No.	Boring Number
Former Willow Street Station	32088	MW05
Ground Elevation	Coordinates	Page 1 of 2
Surface Conditions		Total Depth 20

Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6"	20	0			5.09	2-18-02

Drilling Company	Rock and Soil Drilling Corp.	Driller (s)	Lance McGill/Derek Stefanson
Drilling Rig	Diedrich Truck Mounted Drill Rig	Type of Sampler	Shelby tube
Date 2-15-02 To 2-15-02	Logged By Libby Northrip	Reviewed by:	Don Schilling

Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetro-meter (TSF)	PID Reading (PPM)	Remarks (▽ Depth to water while drilling; ▼ Depth to water after drilling)
	Blind drilled. Off-set from WSS-SP16. See log for WSS-SP16 for soil description.									
16	Sample not collected due to Shelby Tube advancement.		Shelby Tube				0/2			

ENVIRONMENTAL LOG WILLOW.GPJ BURNS_MO.GDT 1/28/05

Drilling Log, continued

Boring Number	MW05
Project Name	Former Willow Street Station
Page	2 of 2
Project Number	32088
Date	2-15-02

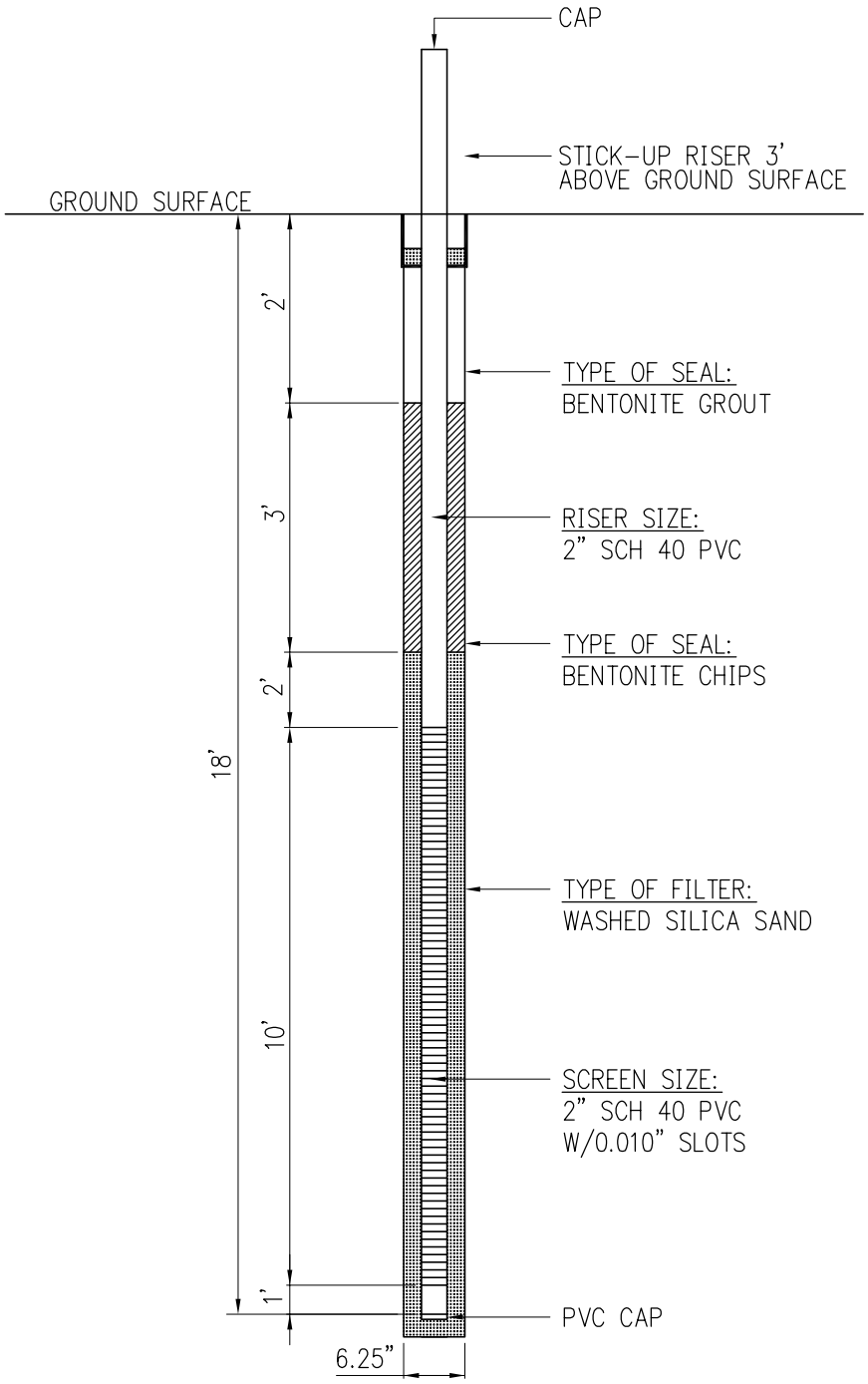
Depth (feet)	Description	Graphic Log	SAMPLING: Sample Type	Sample Number	Blow Counts per 6"	N Value*	Sample Recovery	Penetrometer (TSF)	PID Reading (PPM)	Remarks
	Sample not collected due to Shelby Tube advancement.		Shelby Tube				0/2			Failed Shelby Tube attempt. 16' - 18'
18										
19			Shelby Tube				2/2			Shelby Tube collected 18' - 20'
20	EOB @ 20'									
21	Well installed @ 20' bgs									
22	10' screen 12' sand pack 3' above ground riser									
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										

APPENDIX F
WELL CONSTRUCTION DIAGRAMS
THE FORMER WILLOW STREET STATION MANUFACTURED GAS PLANT SITE, 1640 NORTH KINGSBURY PORTION

WELL INSTALLATION LOG

No. MW01

CLIENT: PEOPLES GAS		PROJECT: FORMER WILLOW STREET STATION	PROJECT NO.: 28020-3.03
PROJECT LOCATION: CHICAGO, IL.	COORDINATES: N 5355.7190 E 4923.0570	TOP OF RISER ELEVATION (DATUM):	DATE: 2-18-02
STRATUM MONITORED: OVERBURDEN		LOGGED BY: LIBBY NORTHRIP	
DRILLING COMPANY: ROCK AND SOIL DRILLING CORP.		APPROVED BY: DON SCHILLING	



NOT TO SCALE

METHOD OF INSTALLATION: Boring drilled to completion; set riser pipe and screen; placed filter and seal; grouted to ground surface.

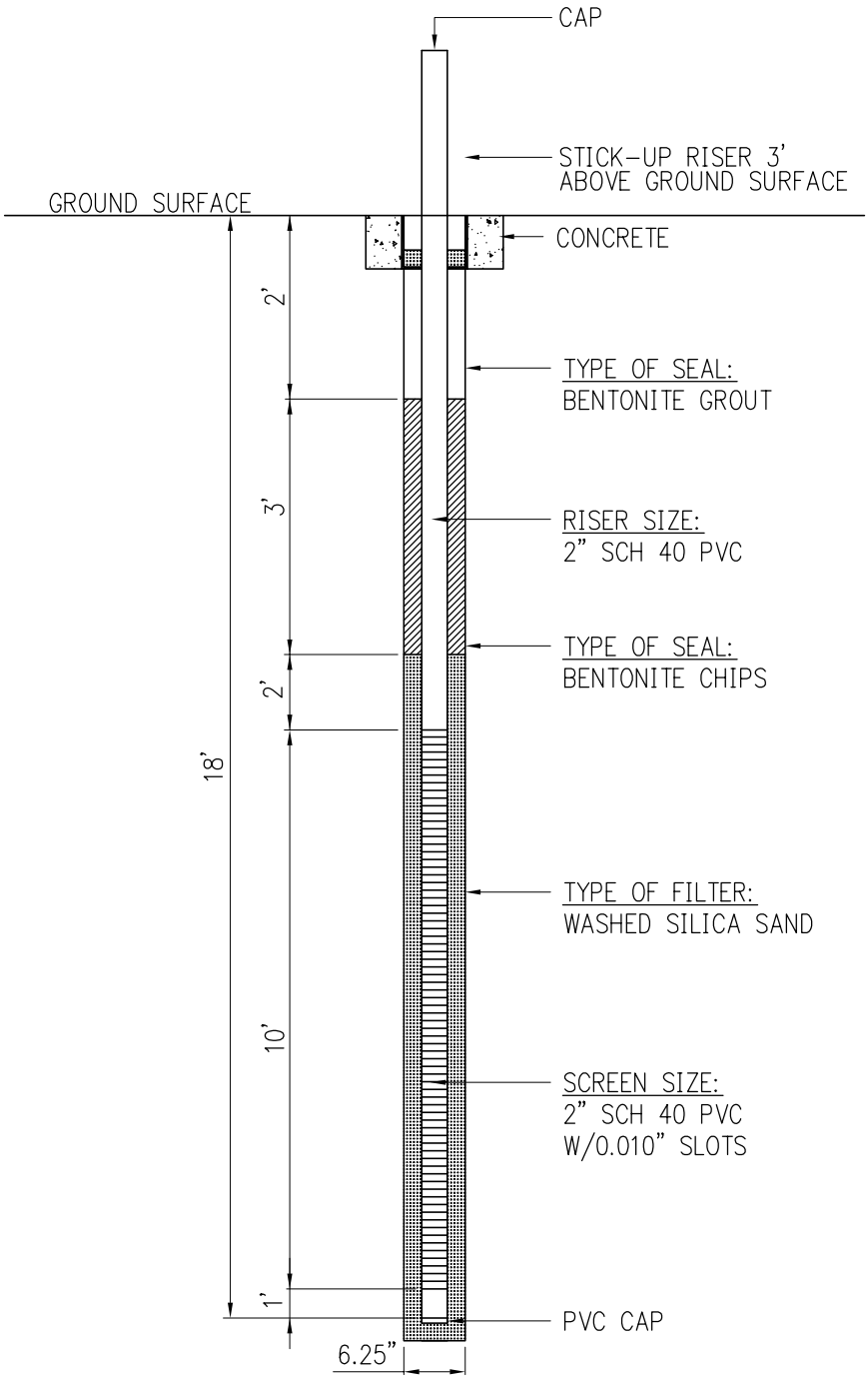
REMARKS: Well developed using submersible pump removing 5 well volumes of water.

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\WELL INSTALLATION DIAG\MW01-A

WELL INSTALLATION LOG

No. MW02

CLIENT: PEOPLES GAS		PROJECT: FORMER WILLOW STREET STATION	PROJECT NO.: 28020-3.03
PROJECT LOCATION: CHICAGO, IL.	COORDINATES: N 5431.1100 E 5188.2670	TOP OF RISER ELEVATION (DATUM):	DATE: 2-14-02
STRATUM MONITORED: OVERBURDEN		LOGGED BY: LIBBY NORTHRIP	
DRILLING COMPANY: ROCK AND SOIL DRILLING CORP.		APPROVED BY: DON SCHILLING	



NOT TO SCALE

METHOD OF INSTALLATION: Boring drilled to completion; set riser pipe and screen; placed filter and seal; grouted to ground surface.

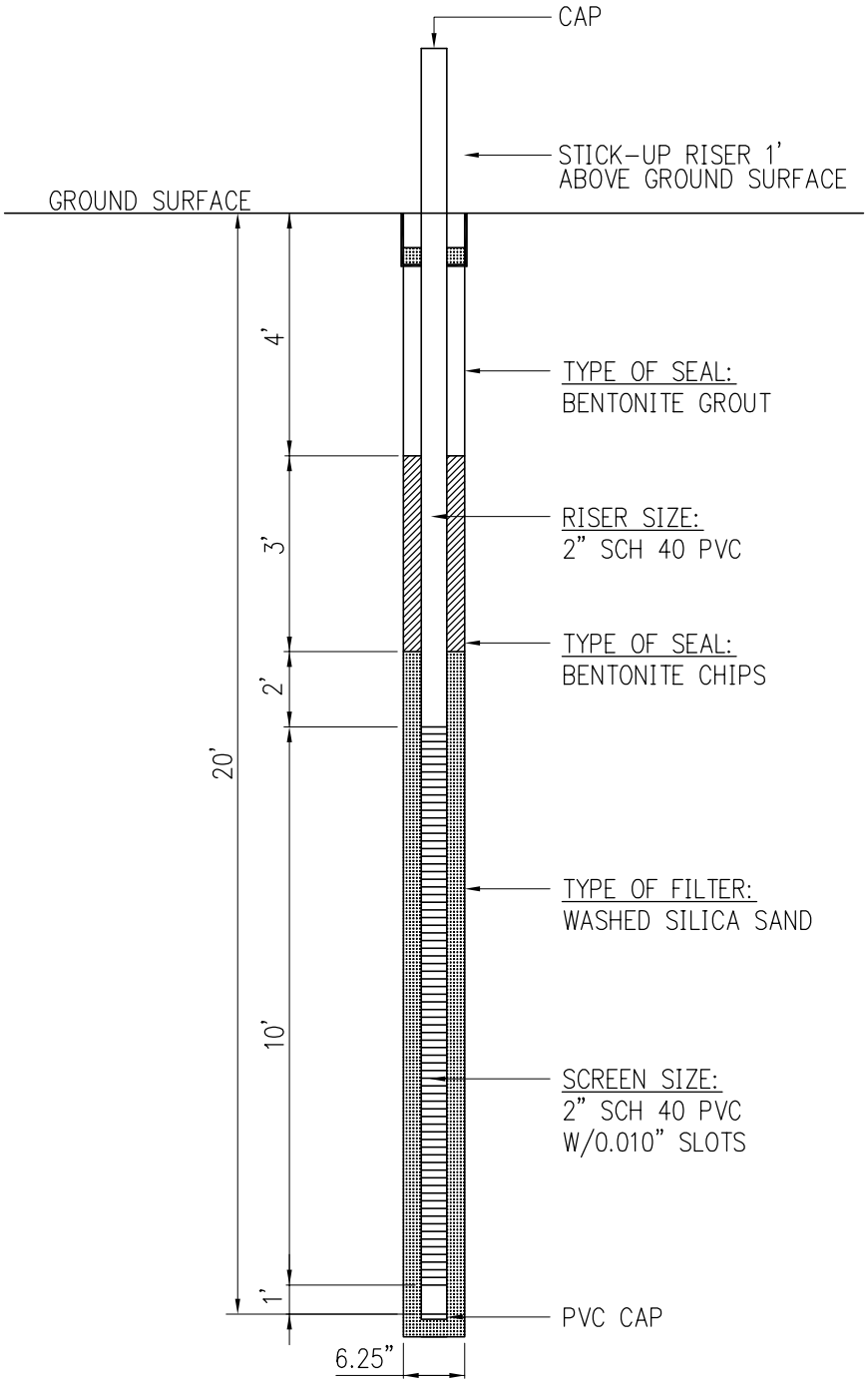
REMARKS: Well developed using submersible pump removing 5 well volumes of water.

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\WELL INSTALLATION DIAG\MW02-A

WELL INSTALLATION LOG

No. MW03

CLIENT: PEOPLES GAS		PROJECT: FORMER WILLOW STREET STATION	PROJECT NO.: 28020-3.03
PROJECT LOCATION: CHICAGO, IL.	COORDINATES: N 5011.1420 E 5032.9580	TOP OF RISER ELEVATION (DATUM):	DATE: 2-18-02
STRATUM MONITORED: OVERBURDEN		LOGGED BY: LIBBY NORTHRIP	
DRILLING COMPANY: ROCK AND SOIL DRILLING CORP.		APPROVED BY: DON SCHILLING	



NOT TO SCALE

METHOD OF INSTALLATION: Boring drilled to completion; set riser pipe and screen; placed filter and seal; grouted to ground surface.

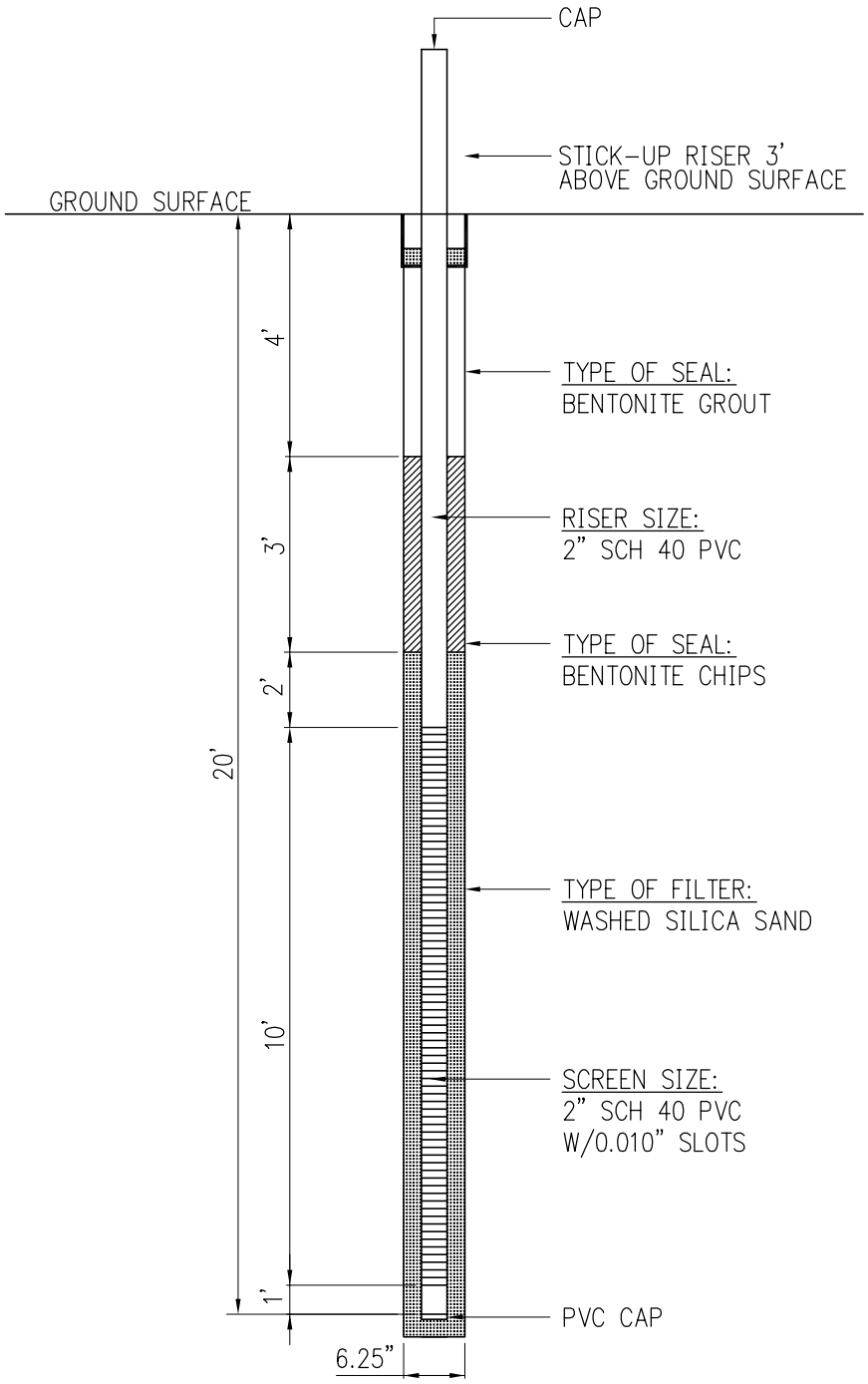
REMARKS: Well developed using submersible pump removing 5 well volumes of water.

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\WELL INSTALLATION DIAG\MW03-A

WELL INSTALLATION LOG

No. MW04

CLIENT: PEOPLES GAS		PROJECT: FORMER WILLOW STREET STATION	PROJECT NO.: 28020-3.03
PROJECT LOCATION: CHICAGO, IL.	COORDINATES: N 5049.3500 E 5272.5740	TOP OF RISER ELEVATION (DATUM):	DATE: 2-18-02
STRATUM MONITORED: OVERBURDEN		LOGGED BY: LIBBY NORTHRIP	
DRILLING COMPANY: ROCK AND SOIL DRILLING CORP.		APPROVED BY: DON SCHILLING	



NOT TO SCALE

METHOD OF INSTALLATION: Boring drilled to completion; set riser pipe and screen; placed filter and seal; grouted to ground surface.

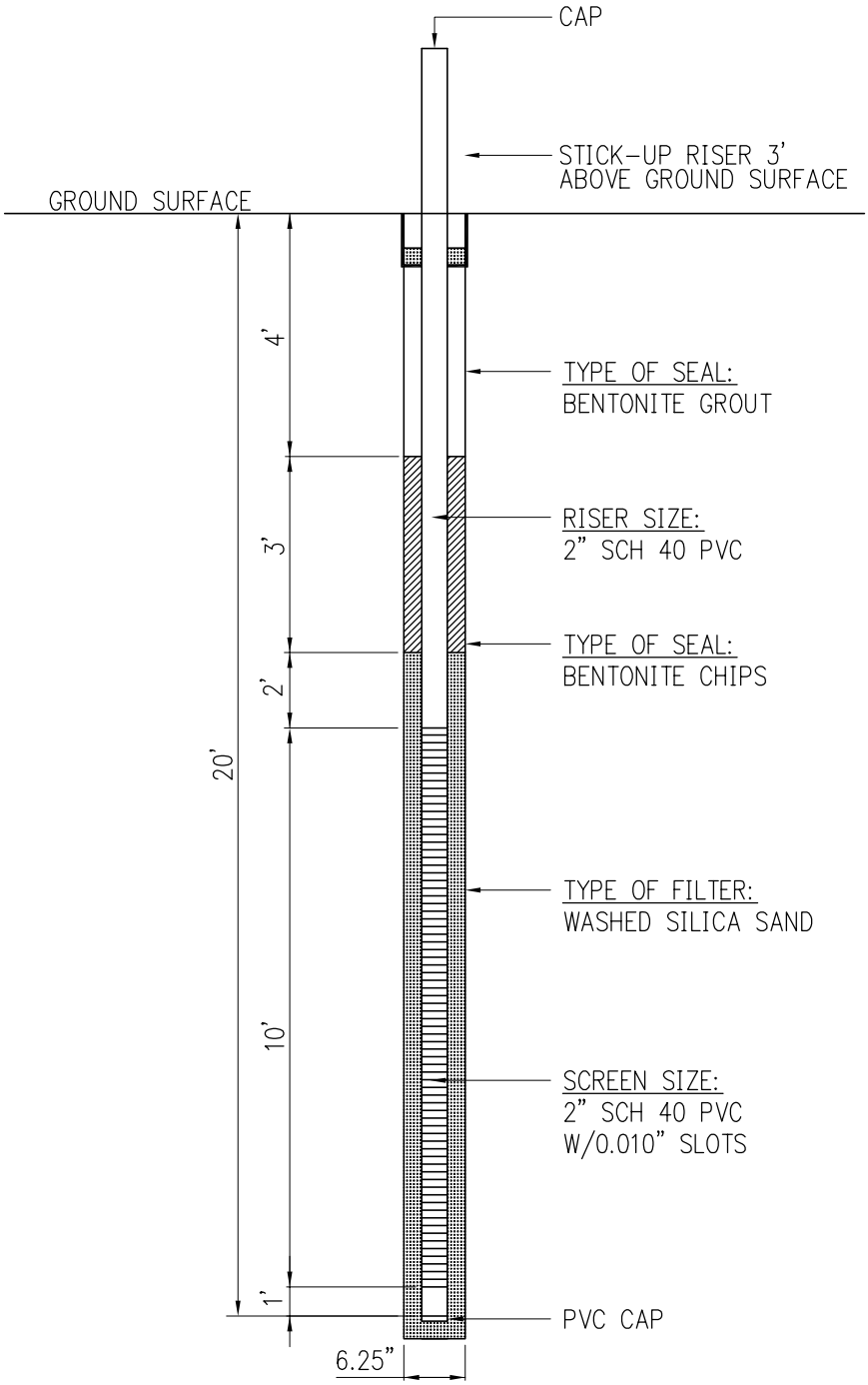
REMARKS: Well developed using submersible pump removing 5 well volumes of water.

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\WELL INSTALLATION DIAG\MW04-A

WELL INSTALLATION LOG

No. MW05

CLIENT: PEOPLES GAS		PROJECT: FORMER WILLOW STREET STATION	PROJECT NO.: 28020-3.03
PROJECT LOCATION: CHICAGO, IL.	COORDINATES: N 5215.4310 E 5267.3290	TOP OF RISER ELEVATION (DATUM):	DATE: 2-15-02
STRATUM MONITORED: OVERBURDEN		LOGGED BY: LIBBY NORTHRIP	
DRILLING COMPANY: ROCK AND SOIL DRILLING CORP.		APPROVED BY: DON SCHILLING	



NOT TO SCALE

METHOD OF INSTALLATION: Boring drilled to completion; set riser pipe and screen; placed filter and seal; grouted to ground surface.

REMARKS: Well developed using submersible pump removing 5 well volumes of water.

I:\PEOPLES GAS\WILLOW GENERAL IRON-32088\CAD\BID\WELL INSTALLATION DIAG\MW05-A

APPENDIX G
MONITORING WELL ABANDONMENT FORMS
THE FORMER WILLOW STREET STATION
MANUFACTURED GAS PLANT SITE,
1640 NORTH KINGSBURY PORTION

Illinois Departmen' Public Health
WATER WELL CONS CTION REPORT

Date 2/18/02

'YPE OR PRESS FIRMLY WITH BLACK INK PEN. COMPLETE WITHIN 30 DAYS OF VELL COMPLETION AND SEND TO THE APPROPRIATE HEALTH DEPARTMENT

1. Type of Well a. **Driven** Well Casing diam. _____in. Depth _____ft.
   b. **Bored** Well Buried Slab [ ] Yes [ ] No
   Hole Diameter _____in. to _____ft.; _____in. to_____ft.; _____in. to_____ft.
   c. **Drilled** Well PVC casing Formation packer set at depth of _____ft.
   Hole Diameter 2 in. to 18 ft. N/A in. to N/A ft. N/A in. to N/A ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)
Bentonite chips	3	—	6	2	—

d. **Drilled** Well **Steel** Casing- - - Mechanically Driven [ ] Yes [ ] No
Hole Diameter _____in. to _____ft. _____in. to_____ft. _____in. to_____ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)

e. Well finished within [X] Unconsolidated Materials [ ] Bedrock

f. Kind of Gravel Sand Pack	Grain Size/Supplier #	From (ft.)	To (ft.)
Sand	—	18	6

2. Well Use [ ] Domestic [ ] Irrigation [ ] Commercial [ ] Livestock
   [X] Monitoring [ ] Other
3. Date Well Completed 2/18/02 Well Disinfected [ ] Yes [ ] No
   Driller's estimated well yield 1 ltr/min ~~gpm~~
4. Date Permanent Pump Installed N/A
5. Pump Capacity N/A gpm Set at (depth) N/A ft.
6. Pitless Adapter Model and Manufacturer N/A
7. Well Cap Type and Manufacturer
8. Pressure Tank Working Cycle N/A gals. Captive Air [ ] Yes [ ] No
9. Pump System Disinfected ~~[ ] Yes [ ] No~~ N/A
10. Name of Pump Company N/A
11. Pump Installer N/A License # N/A
12. N/A License # N/A
    Licensed Pump Contractor Signature

Illinois Department of Public Health
Division of Environmental Health
525 W. Jefferson St.
Springfield, IL 62761

DO NOT write on these lines

MPORTANT NOTICE: This state agency is requesting disclosure of information that is necessary to ccomplish the statutory purpose as outlined under Public Act 85-0863. DISCLOSURE OF THIS NFORMATION IS MANDATORY. This form has been approved by the Forms Management Center.

GEOLOGICAL & WATER SURVEY WELL RECORD

13. Property Owner GT North Property LLC Well # MW01
14. Driller Derek / Lance License #
15. Name of Drilling Co. Rock + Soil Drilling Corp
16. Permit No. N/A Date Issued N/A
17. Date Drilling Started 2/18/02
18. Well SITE address Kingsbury + Willow Streets
19. Township Name West Township Land ID #
20. Subdivision Name N/A Lot # N/A
21. Location a. County Cook
    b. Township 40N Range 14E Section 32
    c._____ Quarter _____Quarter _____ Quarter
    d. Coordinates _____ Site Elevation _____ ft. (msl)

For Survey Use

22. Casings, Liners* and Screen Information

Diam. (in.)	Material	Joint	Slot Size	From (ft.)	To (ft.)
2"	PVC	—	0.010	18'	8'
2"	PVC	—	—	8'	+3'

(*) _____
(List reason for liner, type of upper and lower seals installed)

23. Water from _____at a depth of _____ft. to _____ft.
    a. Static water level _____ ft. below casing which is _____in. above ground
    b. Pumping level is N/A ft. pumping N/A gpm after pumping for N/A hours

24. Earth Materials Passed Through

	From (ft.)	To (ft.)
Topsoil, with gravel	0	2
Brown Silty clay, stiff	2	12
Brown/gray silty clay, stiff	12	18

(If **dry hole**, fill out log & indicate how hole was sealed)

N/A
25. Licensed Water Well Contractor Signature

N/A
License Number

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)

10/99

WATER WELL SEALING FORM

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 WEST JEFFERSON STREET
SPRINGFIELD, ILLINOIS 62761

RETURN ALL COPIES T0 IDPH OR LOCAL HEALTH DEPARTMENT

TYPE OR PRESS FIRMLY

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Water Well Construction Code.

THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Peoples Gas
2. Well Location: Kingsbury + Willow Streets Chicago Cook
   Address - Lot Number City County

   General Description: Township 40 (N)(S) Range 14 (E)(W) Section 32

   _____ Quarter of the _____ Quarter of the _____ Quarter
3. Year Drilled 2002
4. Drilling Permit Number (and date, if known) N/A - monitoring well
5. Type of Well: Bored _____ Drilled X Other monitoring well
6. Total Depth 18' Diameter(inches) 2 inches
7. Formation clear of obstruction X Yes _____ No
8. DETAILS OF PLUGGING

   Filled with bentonite chips (cement or other materials) from 18' to 1' ft.

   Kind of plug gravel from 1' to surface ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.
9. CASING RECORD: Upper 2 feet of casing removed X Yes _____ No
10. Date well was sealed: Month March Day 1 Year 2002
11. Licensed water well driller or other person approved by the Department performing well sealing.

    Rock + Soil Drilling Corp. — Name
    N/A — Complete License Number
    ~~1234~~ 1720 E. Tyler Rd. — Address
    St. Charles — City
    IL / 60174 — State/Zip

... information that is necessary to accomplish the statutory purpose as outlined under Public Act 85-0863. Disclosure

Illinois Department of Public Health
WATER WELL CONST CTION REPORT

Date 2/14/02

PE OR PRESS FIRMLY WITH BLACK INK PEN. COMPLETE WITHIN 30 DAYS OF LL COMPLETION AND SEND TO THE APPROPRIATE HEALTH DEPARTMENT

Type of Well a. **Driven** Well Casing diam. _____in. Depth _____ft.
b. **Bored** Well Buried Slab [ ] Yes [ ] No
Hole Diameter _____in. to _____ft.; _____in. to_____ft.; _____in. to_____ft.
c. **Drilled** Well **PVC** casing Formation packer set at depth of _____ft.
Hole Diameter 2 in. to 18 ft. NA in. to NA ft. NA in. to NA ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)
entonite chips	3	—	6	2	—

d. **Drilled** Well **Steel** Casing- - - Mechanically Driven [ ] Yes [ ] No
Hole Diameter _____in. to _____ft. _____in. to_____ft. _____in. to_____ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)

e. Well finished within [X] Unconsolidated Materials [ ] Bedrock

f. Kind of Gravel Sand Pack	Grain Size/Supplier #	From (ft.)	To (ft.)
Sand	—	18	8

2. Well Use [ ] Domestic [ ] Irrigation [ ] Commercial [ ] Livestock
[X] Monitoring [ ] Other
3. Date Well Completed 2/14/02 Well Disinfected [ ] Yes [ ] No
Driller's estimated well yield 1 ltr/min ~~gpm~~
4. Date Permanent Pump Installed N/A
5. Pump Capacity N/A gpm Set at (depth) N/A ft.
6. Pitless Adapter Model and Manufacturer N/A
7. Well Cap Type and Manufacturer
8. Pressure Tank Working Cycle N/A gals. Captive Air [ ] Yes [ ] No
9. Pump System Disinfected ~~[ ] Yes [ ] No~~ → N/A
0. Name of Pump Company N/A
1. Pump Installer N/A License # N/A
2. N/A License # N/A
Licensed Pump Contractor Signature

llinois Department of Public Health
Division of Environmental Health
25 W. Jefferson St.
Springfield, IL 62761

DO NOT write on these lines

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GEOLOGICAL & WATER SURVEY WELL RECORD

13. Property Owner GI North Property LLC Well # MW02
14. Driller Derek Lance License #
15. Name of Drilling Co. Rock + Soil Drilling Corp.
16. Permit No. N/A Date Issued N/A
17. Date Drilling Started 2/14/02
18. Well **SITE** address Kingsbury + Willow Streets
19. Township Name West Township Land ID #
20. Subdivision Name N/A Lot # N/A
21. Location a. County Cook
b. Township 40N Range 14E Section 32
c._____ Quarter _____Quarter _____ Quarter
d. Coordinates _____ Site Elevation _____ ft. (msl)

For Survey Use

22. Casings, Liners* and Screen Information

Diam. (in.)	Material	Joint	Slot Size	From (ft.)	To (ft.)
2"	PVC	—	0.010	18'	8'
2"	PVC	—	—	8'	+3'

(*) _____
(List reason for liner, type of upper and lower seals installed)

23. Water from _____at a depth of _____ft. to _____ft.
a. Static water level _____ ft. below casing which is _____in. above ground
b. Pumping level is N/A ft. pumping N/A gpm after pumping for N/A hours

24. Earth Materials Passed Through	From (ft.)	To (ft.)
Topsoil, with gravel	0	2
Brown silty clay, stiff	2	12
Gray silty clay, stiff	12	18

(If **dry hole**, fill out log & indicate how hole was sealed)

N/A
25. Licensed Water Well Contractor Signature

N/A
License Number

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)

10/99

WATER WELL SEALING FORM

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 WEST JEFFERSON STREET
SPRINGFIELD, ILLINOIS 62761

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THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Peoples Gas
2. Well Location: Kingsbury + Willow Streets Chicago Cook
   Address - Lot Number City County

   General Description: Township 40 (N)(S) Range 14 (E)(W) Section 32

   _____ Quarter of the _____ Quarter of the _____ Quarter
3. Year Drilled 2002
4. Drilling Permit Number (and date, if known) N/A - monitoring well
5. Type of Well: Bored _____ Drilled X Other monitoring well
6. Total Depth 18 Diameter(inches) 2 in
7. Formation clear of obstruction X Yes _____ No
8. DETAILS OF PLUGGING

   Filled with bentonite chips from 18 to 1 ft.
   (cement or other materials)

   Kind of plug gravel from 1 to surface ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.
9. CASING RECORD: Upper 2 feet of casing removed X Yes _____ No
10. Date well was sealed: Month March Day 1 Year 2002
11. Licensed water well driller or other person approved by the Department performing well sealing.

    Rock + Soil Drilling Corp. — Name
    N/A — Complete License Number

    1720 E. Tyler Rd — Address
    St. Charles — City
    IL 60174 — State/Zip

...ish the statutory purpose as outlined under Public Act 85-0863. Disclosure

Illinois Department of Public Health
WATER WELL CONSTRUCTION REPORT

Date 2/18/02

TYPE OR PRESS FIRMLY WITH BLACK INK PEN. COMPLETE WITHIN 30 DAYS OF WELL COMPLETION AND SEND TO THE APPROPRIATE HEALTH DEPARTMENT

1. Type of Well a. **Driven** Well Casing diam. _____in. Depth _____ft.
b. **Bored** Well Buried Slab [ ] Yes [ ] No
Hole Diameter ____in. to _____ft.; ____in. to_____ft.; ____in. to_____ft.
c. **Drilled** Well **PVC** casing Formation packer set at depth of _____ft.
Hole Diameter 2 in. to 20 ft. N/A in. to N/A ft. N/A in. to N/A ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)
entonite Chips	3	—	8	2	—

d. **Drilled** Well **Steel** Casing- - - Mechanically Driven [ ] Yes [ ] No
Hole Diameter ____in. to _____ft. ____in. to_____ft. ____in. to_____ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)

e. Well finished within [X] Unconsolidated Materials [ ] Bedrock

f. Kind of Gravel Sand Pack	Grain Size/Supplier #	From (ft.)	To (ft.)
Sand	—	20	8

2. Well Use [ ] Domestic [ ] Irrigation [ ] Commercial [ ] Livestock
[X] Monitoring [ ] Other
3. Date Well Completed 2/18/02 Well Disinfected [ ] Yes [ ] No
Driller's estimated well yield 2 Hr/min ~~gpm~~
4. Date Permanent Pump Installed N/A
5. Pump Capacity N/A gpm Set at (depth) N/A ft.
6. Pitless Adapter Model and Manufacturer N/A
7. Well Cap Type and Manufacturer
8. Pressure Tank Working Cycle N/A gals. Captive Air [ ] Yes [ ] No
9. Pump System Disinfected ~~[ ] Yes [ ] No~~ N/A
0. Name of Pump Company N/A
1. Pump Installer N/A License # N/A
2. N/A License # N/A
Licensed Pump Contractor Signature

Illinois Department of Public Health
Division of Environmental Health
525 W. Jefferson St.
Springfield, IL 62761

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GEOLOGICAL & WATER SURVEY WELL RECORD

13. Property Owner G.I. North Property LLC Well # MW03
14. Driller Derek Lance License #
15. Name of Drilling Co. Rock + Soil Drilling Corp.
16. Permit No. N/A Date Issued N/A
17. Date Drilling Started 2/12/02
18. Well **SITE** address Kingsbury + Willow Streets
19. Township Name West Township Land ID #
20. Subdivision Name N/A Lot # N/A
21. Location a. County Cook
b. Township 40 N Range 14 E Section 32
c.____ Quarter ____Quarter ____ Quarter
d. Coordinates _____ Site Elevation ____ ft. (msl)

For Survey Use

22. Casings, Liners* and Screen Information

Diam. (in.)	Material	Joint	Slot Size	From (ft.)	To (ft.)
2"	PVC	—	0.010	20	10'
2"	PVC	—	—	10	1

(*) _____
(List reason for liner, type of upper and lower seals installed)

23. Water from _____at a depth of _____ft. to _____ft.
a. Static water level ____ ft. below casing, which is ____in. above ground
b. Pumping level is N/A ft. pumping N/A gpm after pumping for N/A hours

24. Earth Materials Passed Through	From (ft.)	To (ft.)
Gravelly sand, loose fill	0	7
Brown/gray silty clay, stiff	7	20

(If **dry hole**, fill out log & indicate how hole was sealed)
N/A

25. Licensed Water Well Contractor Signature N/A License Number

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)

10/99

WATER WELL SEALING FORM

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 WEST JEFFERSON STREET
SPRINGFIELD, ILLINOIS 62761

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THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Peoples Gas
2. Well Location: Kingsbury + Willow Streets (Address - Lot Number) Chicago (City) Cook (County)

   General Description: Township 40 (N)(S) Range 14 (E)(W) Section 32

   _____ Quarter of the _____ Quarter of the _____ Quarter
3. Year Drilled 2002
4. Drilling Permit Number (and date, if known) N/A - monitoring well
5. Type of Well: Bored _____ Drilled X Other monitoring well
6. Total Depth 20' Diameter(inches) 2in.
7. Formation clear of obstruction X Yes _____ No
8. DETAILS OF PLUGGING

   Filled with Bentonite Chips (cement or other materials) from 20 to 1 ft.

   Kind of plug gravel from 1 to Surface ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.
9. CASING RECORD: Upper 2 feet of casing removed X Yes _____ No
10. Date well was sealed: Month March Day 1 Year 2002.
11. Licensed water well driller or other person approved by the Department performing well sealing.

    Rock + Soil Drilling Corp. (Name) N/A (Complete License Number)

    1720 E Tyler Rd (Address) St. Charles (City) IL 60174 (State/Zip)

... necessary to accomplish the statutory purpose as outlined under Public Act 85-0863. Disclosure

Illinois Department of Public Health
WATER WELL CONSTRUCTION REPORT

Date 2/14/02

TYPE OR PRESS FIRMLY WITH BLACK INK PEN. COMPLETE WITHIN 30 DAYS OF WELL COMPLETION AND SEND TO THE APPROPRIATE HEALTH DEPARTMENT

1. Type of Well a. **Driven** Well Casing diam. _____in. Depth _____ft.
b. **Bored** Well Buried Slab [ ] Yes [ ] No
Hole Diameter ____in. to _____ft.; ____in. to_____ft.; ____in. to_____ft.
c. **Drilled** Well PVC casing Formation packer set at depth of _____ft.
Hole Diameter 2 in. to 20 ft. N/A in. to N/A ft. N/A in. to N/A ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)
Bentonite Chips	3	—	8	2	—

d. **Drilled** Well **Steel** Casing- - - Mechanically Driven [ ] Yes [ ] No
Hole Diameter ____in. to _____ft. ____in. to_____ft. ____in. to_____ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)

e. Well finished within [X] Unconsolidated Materials [ ] Bedrock

f. Kind of Gravel Sand Pack	Grain Size/Supplier #	From (ft.)	To (ft.)
Sand	—	20	8

2. Well Use [ ] Domestic [ ] Irrigation [ ] Commercial [ ] Livestock
[X] Monitoring [ ] Other
3. Date Well Completed 2/14/02 Well Disinfected [ ] Yes [ ] No
Driller's estimated well yield 1 ltr/min ~~gpm~~
4. Date Permanent Pump Installed N/A
5. Pump Capacity N/A gpm Set at (depth) N/A ft.
6. Pitless Adapter Model and Manufacturer N/A
7. Well Cap Type and Manufacturer
8. Pressure Tank Working Cycle N/A gals. Captive Air [ ] Yes [ ] No
9. Pump System Disinfected ~~[ ] Yes [ ] No~~ N/A
0. Name of Pump Company N/A
1. Pump Installer N/A License # N/A
2. N/A License # N/A
Licensed Pump Contractor Signature

Illinois Department of Public Health
Division of Environmental Health
525 W. Jefferson St.
Springfield, IL 62761

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GEOLOGICAL & WATER SURVEY WELL RECORD

13. Property Owner GI North Property LLC Well # MW04
14. Driller Derek Lance License #
15. Name of Drilling Co. Rock + Soil Drilling Corp.
16. Permit No. N/A Date Issued
17. Date Drilling Started 2/12/02
18. Well **SITE** address Kingsbury + Willow streets
19. Township Name West Township Land ID #
20. Subdivision Name N/A Lot # N/A
21. Location a. County Cook
b. Township 40N Range 14E Section 32
c.____ Quarter ____Quarter ____ Quarter
d. Coordinates _____ Site Elevation ____ ft. (msl)

For Survey Use

22. Casings, Liners* and Screen Information

Diam. (in.)	Material	Joint	Slot Size	From (ft.)	To (ft.)
2"	PVC	—	0.010	20	10
2"	PVC	—	—	10	+3

(*) _____
(List reason for liner, type of upper and lower seals installed)

23. Water from _____at a depth of _____ft. to _____ft.
a. Static water level _____ ft. below casing which is ____in. above ground
b. Pumping level is N/A ft. pumping N/A gpm after pumping for N/A hours

24. Earth Materials Passed Through	From (ft.)	To (ft.)
Topsoil + gravel	0	4
Brown silty clay, stiff	4	13
Gray silty clay, stiff	13	20

(If **dry hole**, fill out log & indicate how hole was sealed)

N/A
25. Licensed Water Well Contractor Signature

N/A
License Number

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)

10/99

WATER WELL SEALING FORM

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 WEST JEFFERSON STREET
SPRINGFIELD, ILLINOIS 62761

RETURN ALL COPIES T0 IDPH OR LOCAL HEALTH DEPARTMENT

TYPE OR PRESS FIRMLY

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Water Well Construction Code.

THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Peoples Gas
2. Well Location: Kingsbury + Willow Streets (Address - Lot Number) Chicago (City) Cook (County)

   General Description: Township 40 (N)(S) Range 14 (E)(W) Section 32

   _____ Quarter of the _____ Quarter of the _____ Quarter
3. Year Drilled 2002
4. Drilling Permit Number (and date, if known) N/A - monitoring well
5. Type of Well: Bored _____ Drilled X Other Monitoring well
6. Total Depth 20' Diameter(inches) 2 in
7. Formation clear of obstruction X Yes _____ No
8. DETAILS OF PLUGGING

   Filled with Bentonite chips (cement or other materials) from 20 to 1 ft.

   Kind of plug gravel from 1 to surface ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.
9. CASING RECORD: Upper 2 feet of casing removed X Yes _____ No
10. Date well was sealed: Month March Day 1 Year 2002.
11. Licensed water well driller or other person approved by the Department performing well sealing.

    Rock + Soil Drilling Corp. (Name) N/A (Complete License Number)

    1120 E. Tyler Rd (Address) St. Charles (City) IL 60174 (State/Zip)

This Statutory authorization requires disclosure of information that is necessary to accomplish the statutory purpose as outlined under Public Act 85-0863. Disclosure

Illinois Department Public Health
WATER WELL CONS CTION REPORT

Date 2/15/02

YPE OR PRESS FIRMLY WITH BLACK INK PEN. COMPLETE WITHIN 30 DAYS OF ELL COMPLETION AND SEND TO THE APPROPRIATE HEALTH DEPARTMENT

. Type of Well a. **Driven** Well Casing diam. _____in. Depth _____ft.
b. **Bored** Well Buried Slab [ ] Yes [ ] No
Hole Diameter ____in. to _____ft.; ____in. to_____ft.; ____in. to_____ft.
c. **Drilled** Well PVC casing Formation packer set at depth of _____ft.
Hole Diameter 2 in. to 20 ft. N/A in. to N/A ft. N/A in. to N/A ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)
Bentonite Chips	3	—	8	2'	—

d. **Drilled** Well **Steel** Casing- - - Mechanically Driven [ ] Yes [ ] No
Hole Diameter ____in. to _____ft. ____in. to_____ft. ____in. to_____ft.

Type of Grout	# of Bags	Grout Weight	From (ft.)	To (ft.)	Tremie Depth (ft.)

e. Well finished within [X] Unconsolidated Materials [ ] Bedrock

f. Kind of Gravel Sand Pack	Grain Size/Supplier #	From (ft.)	To (ft.)
Sand	—	20	8

2. Well Use [ ] Domestic [ ] Irrigation [ ] Commercial [ ] Livestock
[X] Monitoring [ ] Other
3. Date Well Completed 2/15/02 Well Disinfected [ ] Yes [ ] No
Driller's estimated well yield 1 Hr/min ~~gpm~~
4. Date Permanent Pump Installed N/A
5. Pump Capacity N/A gpm Set at (depth) N/A ft.
6. Pitless Adapter Model and Manufacturer N/A
7. Well Cap Type and Manufacturer
8. Pressure Tank Working Cycle N/A gals. Captive Air [ ] Yes [ ] No
9. Pump System Disinfected ~~[ ] Yes [ ] No~~ N/A
0. Name of Pump Company N/A
1. Pump Installer N/A License # N/A
2. N/A License # N/A
Licensed Pump Contractor Signature

Illinois Department of Public Health
Division of Environmental Health
525 W. Jefferson St.
Springfield, IL 62761

DO NOT write on these lines

MPORTANT NOTICE: This state agency is requesting disclosure of information that is necessary to ccomplish the statutory purpose as outlined under Public Act 85-0863. DISCLOSURE OF THIS NFORMATION IS MANDATORY. This form has been approved by the Forms Management Center.

GEOLOGICAL & WATER SURVEY WELL RECORD

13. Property Owner GI North Property LLC Well # MW05
14. Driller Derek/Lance License #
15. Name of Drilling Co. Rock + Soil Drilling Corp.
16. Permit No. N/A Date Issued N/A
17. Date Drilling Started 2/13/02
18. Well **SITE** address Kingsbury + Willow Streets
19. Township Name West Township Land ID #
20. Subdivision Name N/A Lot # N/A
21. Location a. County Cook
b. Township 40N Range 14E Section 32
c.____ Quarter ____Quarter ____ Quarter
d. Coordinates _____ Site Elevation ____ ft. (msl)

For Survey Use

22. Casings, Liners* and Screen Information

Diam. (in.)	Material	Joint	Slot Size	From (ft.)	To (ft.)
2"	PVC	—	0.010	20	10
2"	PVC	—	—	10	+3

(*) _____
(List reason for liner, type of upper and lower seals installed)

23. Water from _____at a depth of _____ft. to _____ft.
a. Static water level ____ ft. below casing which is ____in. above ground
b. Pumping level is N/A ft. pumping N/A gpm after pumping for N/A hours

24. Earth Materials Passed Through	From (ft.)	To (ft.)
Gravelly sand, loose fill	0	9
Brow silty clay, stiff	9	20

(If **dry hole**, fill out log & indicate how hole was sealed)

N/A
25. Licensed Water Well Contractor Signature

N/A
License Number

(SEE REVERSE SIDE FOR ADDITIONAL INFORMATION)

10/99

WATER WELL SEALING FORM

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
525 WEST JEFFERSON STREET
SPRINGFIELD, ILLINOIS 62761

RETURN ALL COPIES T0 IDPH OR LOCAL HEALTH DEPARTMENT

TYPE OR PRESS FIRMLY

This form shall be submitted to this Department or the local health department not more than 30 days after a water well, boring or monitoring well is sealed. Such wells are to be sealed not more than 30 days after they are abandoned in accordance with the sealing requirements in the Water Well Construction Code.

THE LOCAL HEALTH DEPARTMENT OR REGIONAL PUBLIC HEALTH DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO SEALING.

1. Ownership (Name of Controlling Party) Peoples Gas
2. Well Location: Kingsbury + Willow Streets Chicago Cook
   Address - Lot Number City County

   General Description: Township 40 (N)(S) Range 14 (E)(W) Section 32

   _____ Quarter of the _____ Quarter of the _____ Quarter
3. Year Drilled 2002
4. Drilling Permit Number (and date, if known) N/A - monitoring well
5. Type of Well: Bored _____ Drilled X Other monitoring well
6. Total Depth 20' Diameter(inches) 2in.
7. Formation clear of obstruction X Yes _____ No
8. DETAILS OF PLUGGING

   Filled with Bentonite chips from 20 to 1 ft.
   (cement or other materials)

   Kind of plug gravel from 1 to Surface ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.

   Filled with _____ from _____ to _____ ft.

   Kind of plug _____ from _____ to _____ ft.
9. CASING RECORD: Upper 2 feet of casing removed X Yes _____ No
10. Date well was sealed: Month March Day 1 Year 2002.
11. Licensed water well driller or other person approved by the Department performing well sealing.

    Rock + Soil Drilling Corp. — Name
    N/A — Complete License Number
    1720 E. Tyler Rd — Address
    St Charles — City
    12/60174 — State/Zip

... to accomplish the statutory purpose as outlined under Public Act 85-0863. Disclosure

APPENDIX H
GEOPHYSICAL ANALYTICAL DATA
THE FORMER WILLOW STREET STATION
MANUFACTURED GAS PLANT SITE,
1640 NORTH KINGSBURY PORTION

STAT Analysis Corporation:
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAP

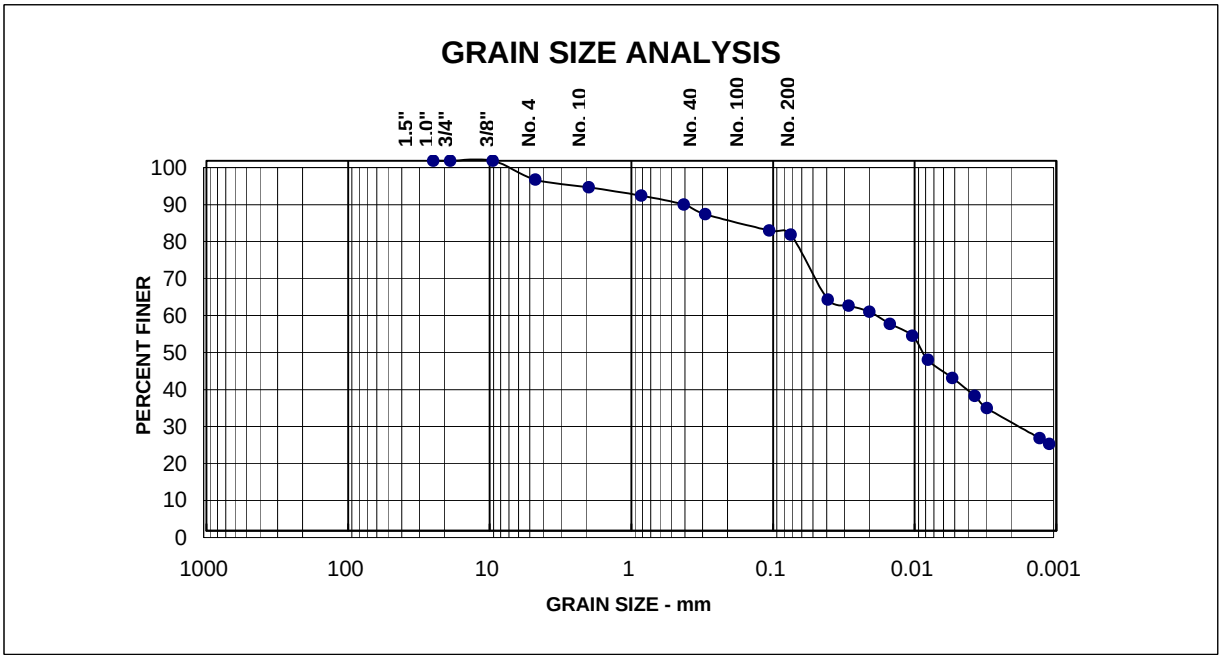
AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

Analytical Report

Client:	Burns & McDonnell		
Project ID:	28020-3.03, Willow Street Station	Date Received:	2/18/2002
Sample Number:	WSS MW1 001 18'-20'	Date Taken:	2/18/2002
STAT Project No.:	0202109	Time Taken:	12:10
STAT Sample No.:	0202109001	Date Reported:	3/6/2002

Analyte	Result	Units	Method
Sample Description:	Brown silty clay, trace coarse to fine sand, trace fine gravel		
Specific Gravity	2.57		ASTM D854
Moisture Content	27.43	%	ASTM D2216
Hydraulic Conductivity	5.37×10^{-9}	cm/s	ASTM D5084
Organic Carbon Content	3.94	%	ASTM D2974
pH	7.53	units	ASTM D4972

GRAIN SIZE ANALYSIS (ASTM D422)	SAMPLE NO. MW1



% + 3"	% Gravel	% Sand	% Fines	
0.0	5.1	14.9	80.0	

Sieve Size	Percent Passing
1"	100.0
3/4"	100.0
3/8"	100.0
#4	94.9
#10	92.8
#20	90.5
#40	88.1
#60	85.5
#140	81.1
#200	80.0

D60 (mm)	D30 (mm)	D10 (mm)	Cc	Cu
		-	-	-

Visual Soil Description:	Brown silty clay, little coarse to fine sand, trace fine gravel
Soil Classification:	CL
System:	USCS

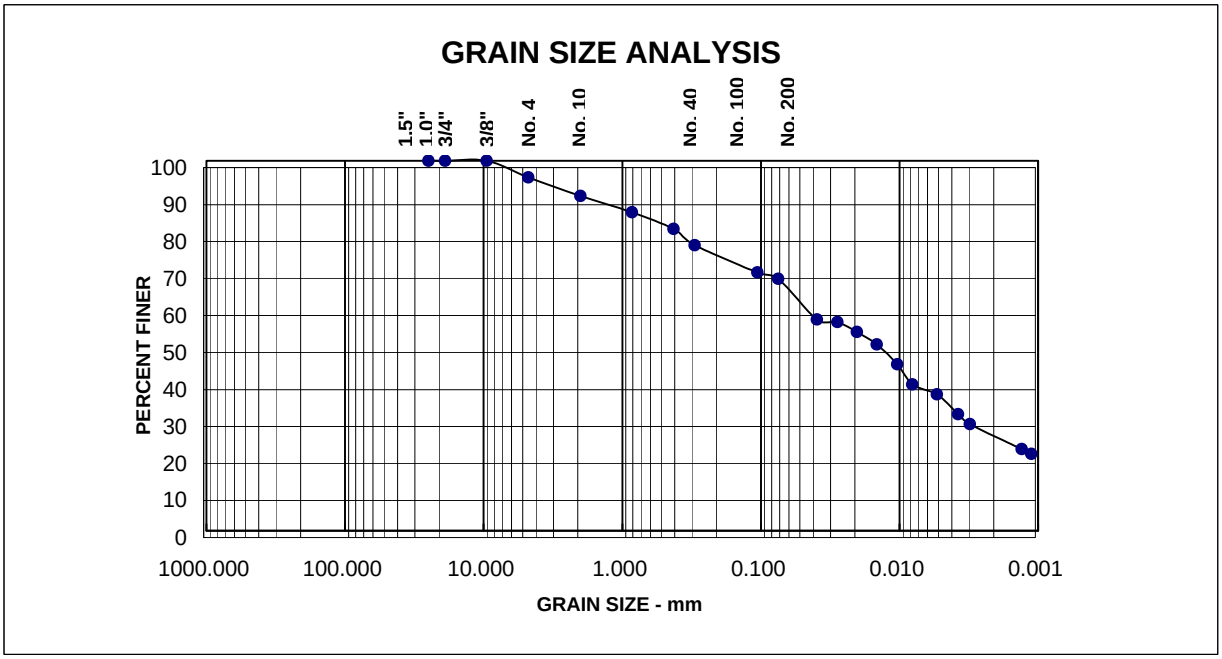
STAT Analysis Corporation:
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

Analytical Report

Client:	Burns & McDonnell		
Project ID:	28020-3.03, Willow Street Station	Date Received:	2/15/2002
Sample Number:	WSS MW5 001 18'-20'	Date Taken:	2/15/2002
STAT Project No.:	0202096	Time Taken:	15:30
STAT Sample No.:	0202096001	Date Reported:	3/6/2002

Analyte	Result	Units	Method
Sample Description:	Brown silty clay, trace coarse to fine sand, trace fine gravel		
Specific Gravity	2.69		ASTM D854
Moisture Content	21.16	%	ASTM D2216
Hydraulic Conductivity	2.43×10^{-9}	cm/s	ASTM D5084
Organic Carbon Content	2.27	%	ASTM D2974
pH	7.28	units	ASTM D4972

GRAIN SIZE ANALYSIS (ASTM D422)	SAMPLE NO. MW5



% + 3"	% Gravel	% Sand	% Fines	
0.0	4.5	27.5	68.1	

Sieve Size	Percent Passing
1"	100.0
3/4"	100.0
3/8"	100.0
#4	95.5
#10	90.5
#20	86.0
#40	81.6
#60	77.2
#140	69.8
#200	68.1

D60 (mm)	D30 (mm)	D10 (mm)	Cc	Cu
-	-	-	-	-

Visual Soil Description:	Brown silty clay, some coarse to fine sand, trace fine gravel
Soil Classification:	CL
System:	USCS

APPENDIX I
PCB REMEDIATION DOCUMENTATION REPORT
(FREE FLOW TECHNOLOGIES 2004)
THE FORMER WILLOW STREET STATION
MANUFACTURED GAS PLANT SITE,
1640 NORTH KINGSBURY PORTION

Free Flow Technologies, Ltd.

PCB REMEDIATION DOCUMENTATION REPORT

GI NORTH PROPERTY LLC
CHICAGO, ILLINOIS

810 East State Street, Suite 300
Rockford, Illinois 61104
Tel: 815-962-1467 ◆ Fax: 815-962-1516

Creative environmental consulting services and solutions

PCB REMEDIATION DOCUMENTATION REPORT

GI NORTH PROPERTY LLC
CHICAGO, ILLINOIS

Prepared For:
General Iron Industries, Inc.
1909 North Clifton Avenue
Chicago, Illinois 60614

Prepared By:
Free Flow Technologies, Ltd.
810 East State Street
Suite 300
Rockford, Illinois 61104

DECEMBER 2004

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Appendix B	Site Photographs
Appendix C	Waste Disposal Paperwork
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1.0 INTRODUCTION

Free Flow Technologies (Free Flow) has been retained by General Iron Industries, Inc. (General Iron) to assist them in completing the remediation of PCBs at a portion of their property (GI North Property LLC) located west of North Kingsbury Street and north of North Avenue in Chicago, Illinois (Figure 1) ("the Site"). The overall Site is currently fenced and used in General Iron's on-going operations. The Site is also the location of a portion of the Peoples Gas Light and Coke Company (Peoples Gas) historical, former manufactured gas plant (FMGP) known as Willow Street Station. Peoples Gas has enrolled the Site into the Illinois EPA's Site Remediation Program (SRP) for the purpose of site investigations and remediation of all SRP contaminants of concern. Illinois's clean-up regulations require that sites with PCB recognized environmental conditions (i.e., PCBs concentrations in soil greater than 50 mg/kg) be addressed through TSCA. To facilitate the SRP process, the remediation by Peoples Gas, and the final site closure, soil with PCBs at concentrations greater than 50 mg/kg were removed from the site on April 28, 2004. The work described in this PCB Remediation Documentation Report ("Documentation Report") was performed as a follow-up to previous work performed by GI North Property LLC at the Site as part of an approved closure by the City of Chicago in 1999, and further investigation by Peoples Gas in 2002. The "Clean-up Area" is an area within the overall Site identified by Peoples Gas as containing concentrations of PCBs greater than 50 mg/kg. The final regulatory closure of the FMGP site will be through the SRP for residual PCB concentrations (i.e., <50 mg/kg) and the SRP comprehensive contaminants of concern list.

This Documentation Report addresses a portion of the FMGP site, which consists overall of approximately 4.0 acres, specifically the parcel currently owned by GI North Property LLC and operated by General Iron. The parcel lies in Cook County: Section 32, Township 40 North, Range 14 East of the Third Principal Meridian.

This Documentation Report includes a description of the nature of the PCB-impacted areas, a summary of the procedures used to identify and characterize the area for PCB cleanup (i.e., > 50 mg/kg), the location and extent of the identified PCB-impacted areas,

and documentation of PCB remediation activities conducted for the identified areas exceeding the remediation goal of 25 mg/kg PCBs at the site.

1.1 Background

General Iron operates a shredding machine as part of their metal recovery business located at 1909 Clifton Avenue in Chicago, Illinois, approximately one-half mile north of the Site. Prior to shredding, all incoming scrap material is visually inspected prior to acceptance to ensure no capacitors, ballasts, or other materials potentially containing greater than 50 mg/kg PCBs are processed at the facility. Described below is a brief description of several investigations conducted at the Site and surrounding property.

1.1.1 North Avenue Location Site Investigation

In August 1997, General Iron signed a Consent Decree with the City of Chicago concerning General Iron's scrap metal processing business located at the North Avenue Location (includes the Site and other property) and another location. General Iron used the North Avenue site prior to 1998 for recycling of its shredded non-ferrous material for the removal of metals. After this processing, the waste portion of the shredded non-ferrous material was disposed in accordance with Federal and State regulations as a non-TSCA industrial waste. In 1998, General Iron relocated this metals operation to one of its other sites, and recycles shredded non-ferrous material as it is generated. All shredded non-ferrous material to be processed was removed from the North Avenue Location prior to 1999. Since that time, General Iron has no longer used the North Avenue Location for processing of any shredded non-ferrous material.

In compliance with the Consent Decree, field sampling and laboratory analysis was performed to characterize the condition of the remaining surface soils at the North Avenue Location for PCBs after removal of all shredded non-ferrous material from the North Avenue Location. In April 1999, Free Flow was retained by General Iron to assist them in characterizing the soils at the North Avenue Location. A Sampling and

Analysis Plan (Free Flow, June 1999) was prepared by Free Flow and approved by the City of Chicago in accordance with the Consent Decree. Free Flow conducted the soil sampling activities at the North Avenue Location in August 1999, after removal of all shredded non-ferrous material. A letter report dated September 14, 1999 was prepared by Free Flow describing the investigation procedures and summarizing the analytical results. PCB concentrations ranged from <0.058 mg/kg to 1.842 mg/kg in the top two feet of soil. Table 1 contains a summary of the analytical results and Figure 2 contains a sample location map for this investigation.

1.1.2 Willow Street Station Comprehensive Site Investigation

Peoples Gas approached General Iron in 2001 to perform a voluntary site investigation and cleanup of the FMGP site wastes under the SRP. In February 2002, Peoples Gas retained Burns & McDonnell Engineering Company (Burns & McDonnell) to perform a Comprehensive Site Investigation on the site. Potential non-MGP related constituents identified by the Comprehensive Site Investigation included polychlorinated biphenyl's (PCBs) ranging from 0.1 to 55 mg/kg in the top three feet of soil. Table 2 contains a summary of the PCB analytical results and Figure 3 contains a sample location map showing all sample locations found by Peoples to exceed 10.0 mg/kg PCBs. Only one sample location had PCBs in soil at a concentration greater than 25 mg/kg. General Iron did not take any samples to confirm the PCB results obtained by Peoples Gas.

In order to facilitate obtaining a Comprehensive No Further Remediation Letter under Illinois SRP, General Iron has agreed to cleanup any areas indicated by Peoples Gas to contain PCBs in concentrations above 50 mg/kg.

2.0 DESCRIPTION OF REMEDIAL ACTIVITIES

General Iron has chosen the self-implementing cleanup and disposal option under 40 CFR 761.61 in order to remediate all bulk PCB remediation waste for the designated Clean-up Area. The work described in this Documentation Report was performed in accordance with the report titled *Notification and Certification of PCB Remediation – GI North Property LLC* (Free Flow, October 2003). In accordance with 40 CFR 761.61(a)(4)(i), the soil performance standard was stated to be less than or equal to 25.0 mg/kg PCBs (low occupancy area). Concurrent with this Documentation Report, General Iron has prepared and is submitting to U.S.EPA an updated *Notification and Certification of PCB Remediation GI North Property LLC* (Free Flow December 2004) for the purpose of identifying actions that will result in the ultimate clean-up objective for the clean-up site. The Site has now been enrolled in the Illinois Site Remediation Program by Peoples, and a comprehensive No Further Remediation ("NFR") Letter will be issued after the conclusion of remedial activities.

As shown in Tables 1 and 2, only one location (SP40 at 2-3 feet below ground surface) within the Clean-up Area contained PCBs at levels exceeding 25 mg/kg. General Iron hired D.M.D. Demolition Contractors to excavate a 10-foot by 10-foot area to a depth of approximately 4 feet at the location of soil boring SP40 (see Figure 4). The excavated materials were managed as bulk PCB remediation waste (soil with > 50 mg/kg PCBs) and live loaded into a lined and covered dump truck (meeting the requirements of 49 CFR 171 through 180) and then transported to the designated Chemical Waste Landfill (Wayne Disposal Inc. located in South Belleville, Michigan) under manifest in accordance with 40 CFR 761.207.

Upon completion of soil excavation activities, Free Flow conducted verification sampling and analysis in accordance with 40 CFR 761.61(6).

2.1 Identified Cleanup Area

Previous investigations conducted at the overall Site identified one location with PCBs in soil at levels greater than 50 mg/kg. During the Comprehensive Site Investigation (February 2002), a total of 88 soil samples were collected from 41 soil borings advanced throughout the site. Of the 88 soil samples collected, PCBs were detected at levels above the method detection limit in 34 samples. Of the 34 samples that detected PCBs, only one sample (SP40) exhibited PCB concentrations exceeding 50 mg/kg.

As shown in the boring log for SP40, the sample exceeding 50 mg/kg PCBs was collected from fill material (0 – 3 feet below ground surface). Below 3 feet bgs, is a dark gray, stiff silty clay with low plasticity. Appendix A contains boring logs for the samples collected during the Comprehensive Site Investigation.

On April 27, 2004, Free Flow used the benchmark and survey data for SP40 obtained from Burns & McDonnell Engineering Company to locate and mark the location of SP40. On April 28, 2004, Free Flow marked the excavation boundaries by measuring 5-feet from SP40 in the north, south, east, and west directions. This resulted in a 10-foot by 10-foot marked excavation area with SP40 in the center of the excavation.

2.2 Excavation of PCB Remediation Wastes

General Iron chose to remediate the area (SP40) exceeding 50 mg/kg PCBs prior to conducting additional investigations/remediation activities under the Illinois SRP. General Iron hired a qualified contractor (D.M.D. Demolition Contractors) to excavate a 10-foot wide by 10-foot long by 4-foot deep area surrounding sample location SP40.

On April 28, 2004, D.M.D. Demolition Contractors excavated a total of 19.35 tons of bulk PCB remediation waste from the excavation around SP40 using a Caterpillar 416B rubber-tire combination backhoe. The excavated soils were transferred directly into a lined and covered dump trailer and transported under Manifest Document No. MI9464895 by Beelman Trucking (container No. 3823) to Wayne Disposal Inc., Site #2 Landfill located in Belleville, Michigan (U.S. EPA No. MID048090633). Figure 5 identifies the excavation limits. Site photographs documenting the remedial activities are

contained in Appendix B. A copy of the Uniform Hazardous Waste Manifest is contained in Appendix C.

2.3 Verification Sampling and Analysis

Upon completion of excavation activities, Free Flow implemented the Sampling and Analysis Plan as described in the report titled *Notification and Certification of PCB Remediation – GI North Property LLC* (Free Flow, October 2003). The procedures of this Sampling and Analysis Plan were followed to verify cleanup using the self-implementing procedures for the bulk PCB remediation wastes at this site.

2.3.1 Number of Verification Samples Collected

A total of twenty one grab samples were collected for verification. A minimum of nine samples were collected from each type of bulk PCB remediation waste encountered during cleanup. Two types of bulk PCB remediation waste were encountered in the spill area. The two types of bulk PCB remediation waste included:

- **FILL MATERIAL:** dark brown, moist, sand and gravel with traces of brick fragments and wood from ground surface to 2.5-feet bgs (verification samples A2, A3, A4, B1, B5, C1, C5, D1, D5, E2, E3, and E4).

- **SILTY CLAY:** dark gray/olive gray, dry, stiff, trace of gravel, low plasticity below 2.5-feet bgs (verification samples B2, B3, B4, C2, C3, C4, D2, D3, and D4).

2.3.2 Selection of Sample Locations

A square-based grid system was used to overlay the excavation to be sampled. The grid axes were oriented on a magnetic north-south line and an east-west axis perpendicular to the magnetic north-south axis, both of which centered on SP40.

For verification sampling locations, a series of sampling points were marked out 1.5 meters apart oriented to the grid axis. The sampling points proceeded in every direction to the extent sufficient to result in a two-dimensional grid that completely overlaid the sampling area. Each north-south grid line was labeled

with a unique letter and each east-west grid line was labeled with a unique number (see Figure 5).

2.3.3 Sampling Equipment and Sampling Procedures

A stainless steel core sampler (having a diameter of greater than or equal to 2 centimeters and less than 3 centimeters) was used to collect a sample at each grid intersection (node) to a maximum depth of 7.5 centimeters. Sample aliquots were placed directly from the sample retrieval device into laboratory supplied, pre-labeled, clean sample containers. The sample containers were securely capped and placed directly on ice in a cooler.

Each sample was designated with a unique identifier. Sample numbers consisted of two components: a one-character alpha code indicating the location on the north-south axis, and a one-character numeric code indicating the location on the east-west axis. The following is an example of a completely numbered sample, with each component identified:

Example:	D4
where:	D = sample collected on north-south axis "D"
	4 = sample collected on east-west axis "4"

Samples were placed in a cooler, packaged with ice, and transported to Great Lakes Analytical Laboratory of Buffalo Grove, Illinois under proper chain-of-custody procedures.

A chain-of-custody form was completed for each sample shipment. After completion of the chain-of-custody form, the original signature (top) copy was enclosed in a plastic bag and secured to the inside of the cooler lid. A copy of the original custody form was retained.

2.3.4 Sample Shipping and Analytical Procedures

Samples collected for verification analysis were delivered to the laboratory by Free Flow within three hours of sample collection.

Analytical methods and detection limits conformed to 40 CFR 761 requirements. Method 3500B/3550B from EPA's SW-846, Test Methods for Evaluating Solid Waste was used as an extraction method. Method 8082 from SW-846 was used to analyze these extracts for PCBs.

2.4 Verification Sample Analytical Results

The results of the chemical analyses for the verification samples collected from the sample area identified only Aroclor 1248 at levels above the reporting limits in samples A2, A3, A4, B1, B5, C1, C5, D1, D5, E2, E3, and E4. Samples collected from the clay (B2, B3, B4, C2, C3, C4, D2, D3, and D4) did not have any PCBs detected at levels above the reporting limits. Total PCB levels ranged from 1.95 mg/kg to 10.8 mg/kg in samples collected from the fill materials (ground surface to approximately 2.5 feet below ground surface). Table 3 contains a summary of the verification sample analytical results. Appendix D contains a copy of the laboratory report and chain of custody forms.

2.5 Conclusions

As shown in Table 3, the total PCB concentrations for each of the verification samples are now below 10.8 mg/kg. Since the results of the verification samples identify total PCBs at levels below 25 mg/kg (low occupancy area), there is no requirement for fencing or capping the spill area. Furthermore, the final regulatory closure of the FMGP site will be completed under the Illinois SRP. The SRP remedial goals for the overall site are based on residential land use, and remediation activities are scheduled to begin in mid to late January 2005. The current remedial plans include the removal of at least the top three feet of the entire site and backfilling with certified clean fill material. Prior to conducting backfilling activities, additional PCB cleanup verification sampling will be conducted in the areas formerly containing PCB concentrations of greater than 1.0 mg/kg. At that time, the PCB Remediation Documentation Report will be amended to include the results of the post-SRP-remediation PCB analytical results. Based on these results, any deed restrictions and/or engineered controls required by TSCA will be implemented for the site (if necessary).

FREE FLOW TECHNOLOGIES, LTD.
810 EAST STATE STREET, SUITE 300
ROCKFORD, ILLINOIS 61104
815-962-1467

3.0 PROFESSIONAL ENGINEER AFFIRMATION

I attest that all site investigations or remedial activities that are the subject of this report were performed under my direction and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the report has been designed or completed in accordance with generally accepted engineering practices, and the information presented is accurate and complete.

CRISTOPHER PROCTOR
Printed Name

DECEMBER 30, 2004
Date

Cristopher Proctor
Signature

54320
Illinois License Number

STATE OF ILLINOIS
CRISTOPHER
PROCTOR
54320
LICENSED
PROFESSIONAL ENGINEER

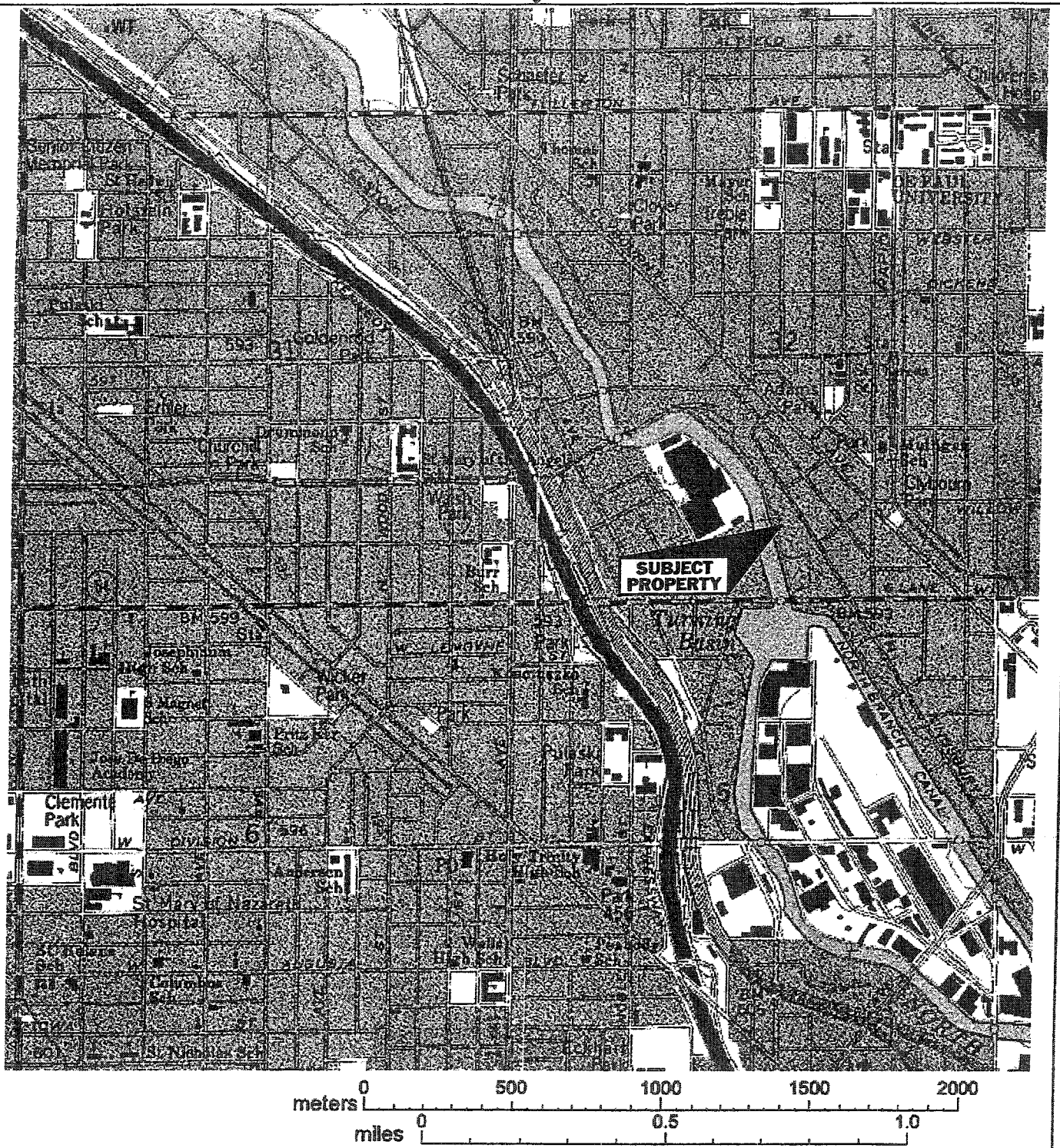

Figure 1

PROJECT:	GI North Property LLC Chicago, Illinois
SHEET TITLE:	Site Location USGS 7.5 Minute Topographic Map
PAGE #:	

SOURCE:
United States Geological Survey,
7.5 Minute Series (Topographic) Map,
Illinois, Chicago Loop Quadrangle, 1997

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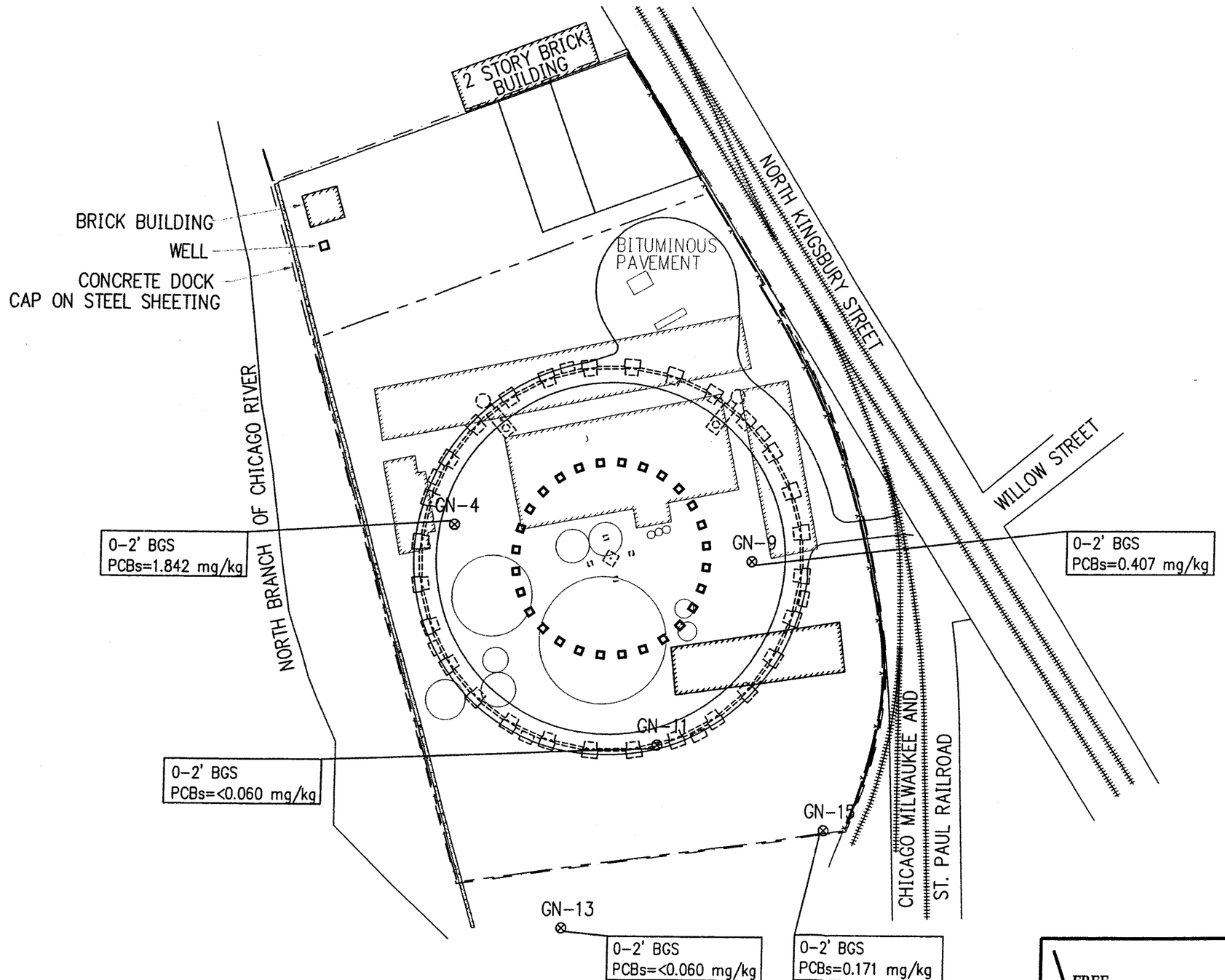
APP'D BY:	
DATE:	August 2003
PROJ. #:	141.04
FILE #:	1410401



LEGEND

- MGP BOUNDARY
- INVESTIGATION BOUNDARY
- RAILROAD TRACKS
- EXISTING FENCE
- HISTORICAL STRUCTURES
- CONCRETE
- EXISTING BUILDING
- ⊗ 8/25/99 SOIL SAMPLE LOCATION

N

80 0 80 160

SCALE IN FEET

Base Map provided by Burns and McDonnell

FILE: 1410402

Figure 2

PROJECT:	GI North Property LLC Chicago, Illinois
SHEET TITLE:	Sample Location Map August 1999
PAGE #:	

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SCALE:	As Shown
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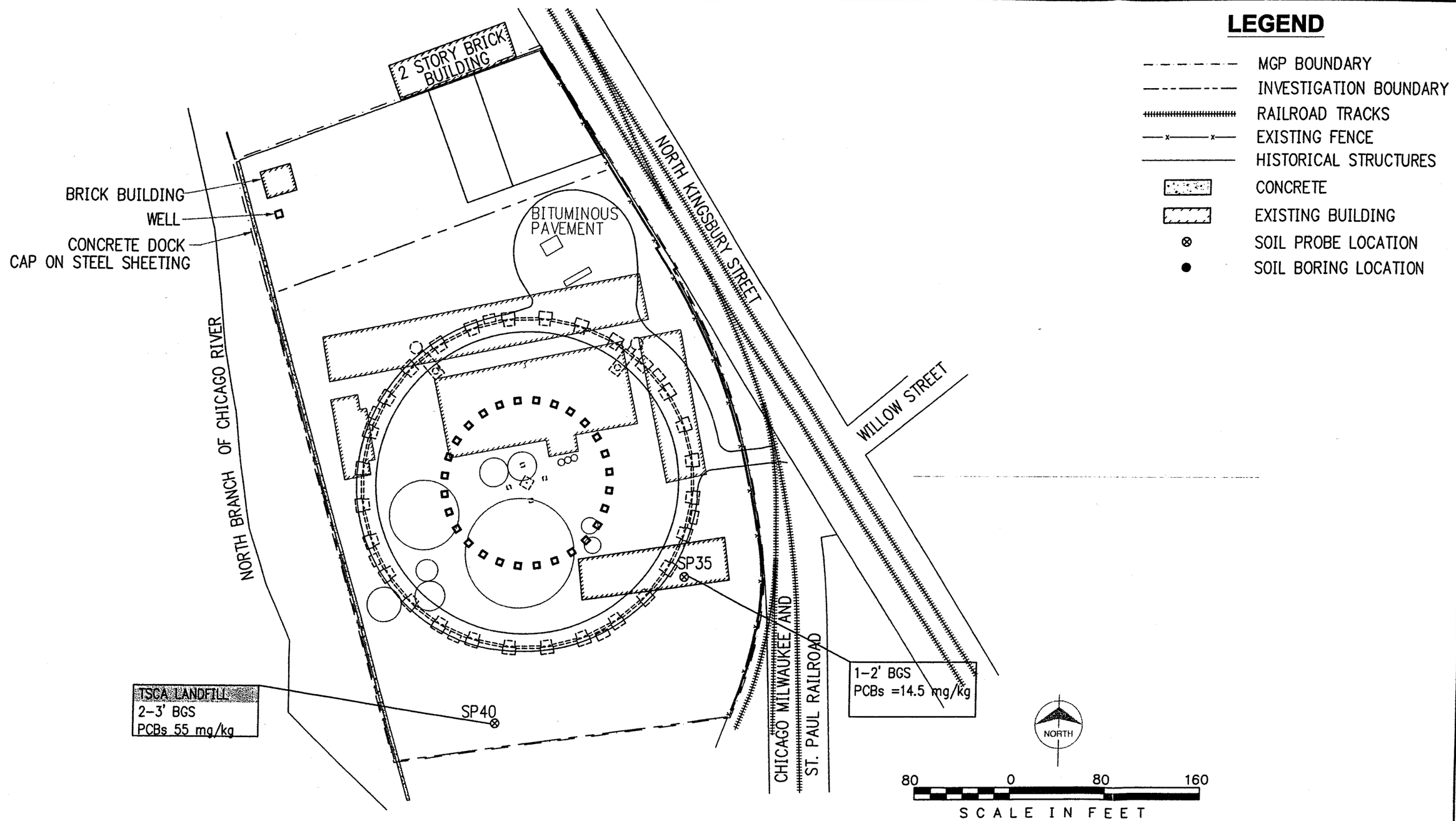
APP'D BY:	THD
DATE:	
PROJ. #:	141.04
FILE #:	1410402



FILE: 1410403

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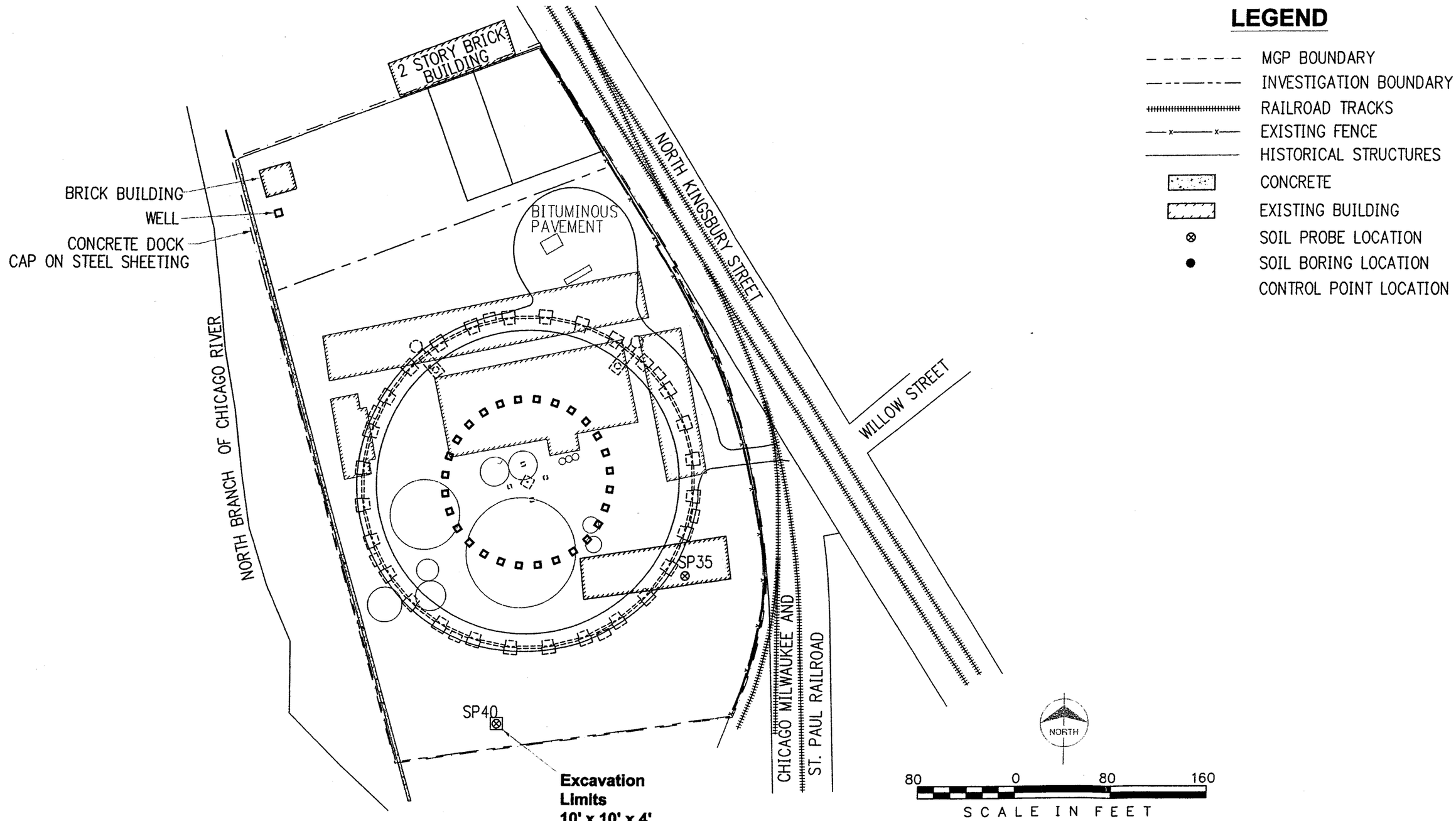
Figure 3

Sample Location Map
February 2002
(PCBs >10 mg/kg)



FILE: 1410404

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Figure 4

Proposed PCB Excavation Limits

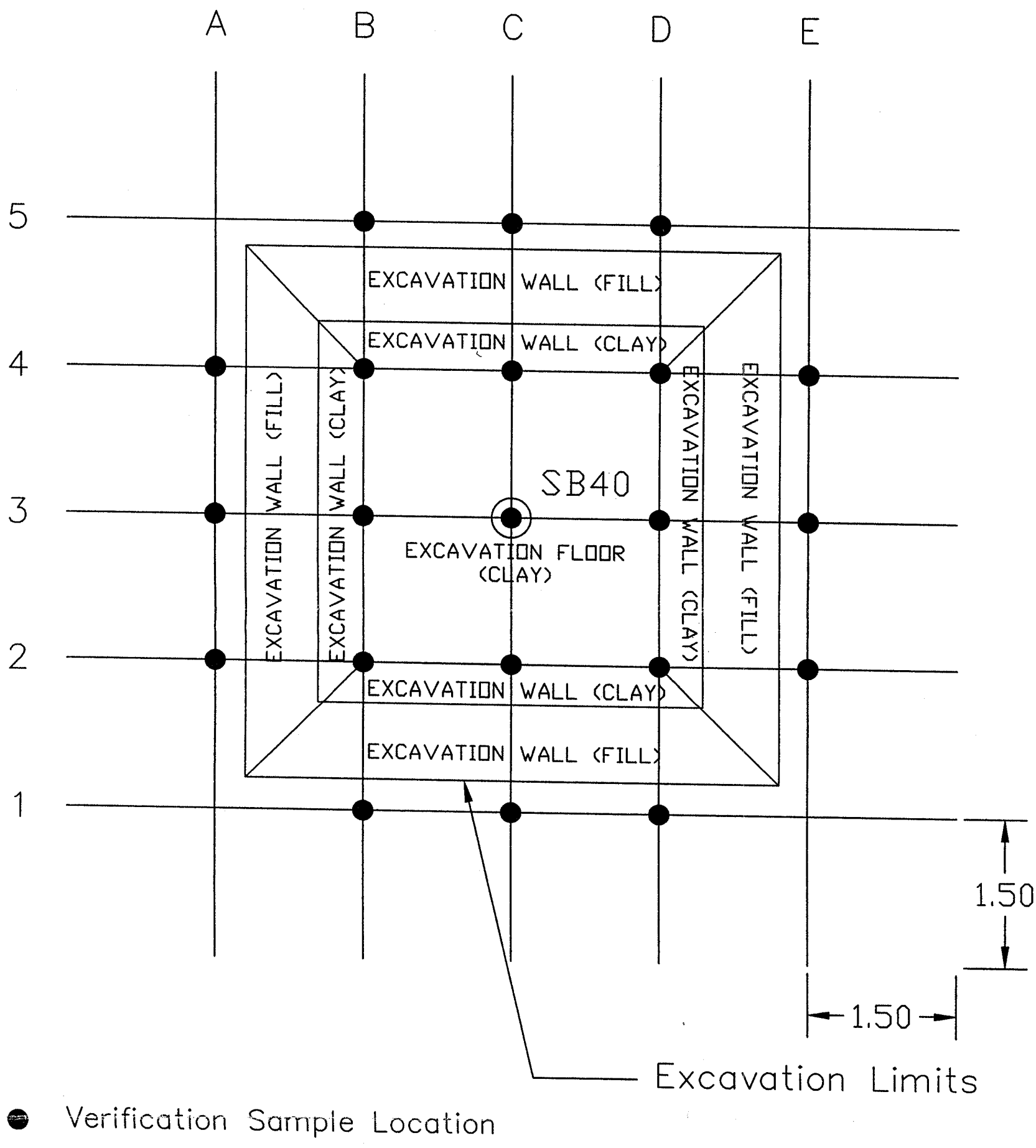

Figure 5

PROJECT:	GI North Property LLC Chicago, Illinois
SHEET TITLE:	Verification Sampling Grid
PAGE #:	

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SCALE:	As Shown
DRWN. BY:	CRP
APP'D BY:	THD
DATE:	May 2004
PROJ. #:	141.04
FILE #:	1410415

Table .

Summary of Soil PCB Analytical Results
North Avenue Location - Chicago, Illinois

Sample Location	Collection Date	Sample Depth	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Total PCBs (mg/kg)
GN-4	8/25/1999	0-2'	<0.058	<0.058	<0.058	<0.058	**1.16**	**0.682**	<0.058	**1.842**
GN-9	8/25/1999	0-2'	<0.057	<0.057	<0.057	**0.26**	<0.057	**0.147**	<0.057	**0.407**
GN-11	8/25/1999	0-2'	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	BMDL
GN-13	8/25/1999	0-2'	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	BMDL
GN-15	8/25/1999	0-2'	<0.061	<0.061	<0.061	**0.171**	<0.061	<0.061	<0.061	**0.171**

All sample extracts analyzed for PCBs using SW-846, Method 8082.

Table 2

Summary of Soil PCB Analytical Results
Former Willow Street Station - Chicago, Illinois

Sample Location	Collection Date	Sample Depth	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Total PCBs (mg/kg)
SB01	2/14/2002	1-2'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.18	<0.18	BMDL
SB01	2/14/2002	8-10'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SP02	2/11/2002	2-3'	<0.09	<0.09	<0.09	**0.094**	<0.09	<0.18	<0.18	0.094
SP02	2/11/2002	3-4'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.18	<0.18	BMDL
SP03	2/11/2002	2-3'	<0.084	<0.084	<0.084	**0.4**	<0.084	**0.33**	<0.084	0.73
SP03	2/11/2002	4-5'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL
SP04	2/18/2002	5-7'	<0.096	<0.096	<0.096	**5.8**	<0.096	**3.4**	<0.19	9.2
SP05	2/11/2002	2-3'	<0.092	<0.092	<0.092	<0.092	<0.092	<0.19	<0.19	BMDL
SP05	2/11/2002	9-10'	<0.095	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	BMDL
SP06	2/12/2002	2-3'	<0.092	<0.092	<0.092	**0.29**	<0.092	**0.29**	<0.18	0.58
SP06	2/12/2002	3-4'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP06	2/12/2002	8-10'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.18	<0.18	BMDL
SP07	2/12/2002	1-2'	<0.091	<0.091	<0.091	**1.5**	<0.091	<0.91	<0.18	1.5
SP07	2/12/2002	9-10'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.18	<0.18	BMDL
SP07	2/12/2002	16-17'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	BMDL
SP08	2/11/2002	0-0.5'	<0.099	<0.099	<0.099	**0.37**	<0.099	**0.28**	<0.2	0.65
SP08	2/11/2002	7-8'	<0.098	<0.098	<0.098	<0.098	<0.098	<0.2	<0.2	BMDL
SB09	2/14/2002	3-5'	<0.088	<0.088	<0.088	**0.39**	<0.088	**0.41**	<0.18	0.8
SP10	2/13/2002	1-2'	<0.09	<0.09	<0.09	**3.9**	<0.09	**3.3**	<0.18	7.2
SP10	2/13/2002	0-2'	<0.083	<0.083	<0.083	**0.15**	<0.083	<0.17	<0.17	0.15
SP10	2/13/2002	6-7'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP10	2/13/2002	13-14'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.18	<0.18	BMDL
SP11	2/13/2002	0-0.5'	<0.092	<0.092	<0.092	**0.49**	<0.092	**0.45**	<0.18	0.94
SP11	2/13/2002	9-10'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP13	2/13/2002	1-2'	<0.09	<0.09	<0.09	<0.09	<0.09	<0.9	<0.18	BMDL
SP13	2/13/2002	6-7'	<0.097	<0.097	<0.097	<0.097	<0.097	<0.19	<0.19	BMDL
SP13	2/13/2002	15-16'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SB14	2/11/2002	1-2'	<0.085	<0.085	<0.085	**0.12**	<0.085	<0.17	<0.17	0.12
SB14	2/11/2002	6-8'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL
SP15	2/11/2002	0-0.5'	<0.096	<0.096	<0.096	**0.22**	<0.096	<0.2	<0.2	0.22
SP15	2/11/2002	6-8'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	BMDL
SP15	2/11/2002	10-12'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.21	<0.21	BMDL
SP16	2/13/2002	2-3'	<0.088	<0.088	<0.088	**4.7**	<0.088	**4.3**	<0.18	9
SP16	2/13/2002	9-10'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP16	2/13/2002	15-16'	<0.095	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	BMDL
SP17	2/11/2002	1-2'	<0.088	<0.088	<0.088	**0.15**	<0.088	<0.18	<0.18	0.15
SB18	2/13/2002	1-2'	<0.085	<0.085	<0.085	**1.9**	<0.085	**1.6**	<0.17	3.5

Table 2

Summary of Soil PCB Analytical Results
Former Willow Street Station - Chicago, Illinois

Sample Location	Collection Date	Sample Depth	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Total PCBs (mg/kg)
SB18	2/13/2002	5-7'	<0.12	<0.12	<0.12	<0.12	<0.12	<0.23	<0.23	BMDL
SB19	2/13/2002	1-2'	<0.087	<0.087	<0.087	**0.55**	<0.087	**0.52**	<0.17	1.07
SB20	2/13/2002	0-0.5'	<0.091	<0.091	<0.091	**1.3**	<0.091	<0.18	<0.18	1.3
SB21	2/15/2002	1-2'	<0.091	<0.091	<0.091	**0.1**	<0.091	<0.18	<0.18	0.1
SB21	2/15/2002	5-7'	<0.095	<0.095	<0.095	**0.28**	<0.095	<0.19	<0.19	0.28
SB22	2/15/2002	2-3'	<0.089	<0.089	<0.089	**0.13**	<0.089	<0.18	<0.18	0.13
SB22	2/15/2002	8-10'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SB23	2/12/2002	1-2'	<0.089	<0.089	<0.089	**0.95**	<0.089	**0.72**	<0.18	1.67
SB23	2/12/2002	14-16'	<0.35	<0.35	<0.35	<0.35	<0.35	<0.69	<0.69	BMDL
SB24	2/12/2002	1-2'	<0.087	<0.087	<0.087	**1.1**	<0.087	**0.9**	<0.17	2
SB24	2/12/2002	5-7'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL
SP25	2/12/2002	1-2'	<0.086	<0.086	<0.086	<0.086	<0.086	<0.17	<0.17	BMDL
SP25	2/12/2002	3-5'	<0.098	<0.098	<0.098	<0.098	<0.098	<0.2	<0.2	BMDL
SP25	2/12/2002	12-14'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	BMDL
SB26	2/13/2002	3-5'	<0.1	<0.1	<0.1	**2.9**	<0.1	**2**	<0.19	4.9
SB27	2/15/2002	5-7'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SB27	2/15/2002	10-12'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SB28	2/15/2002	2-3'	<0.093	<0.093	<0.093	**0.34**	<0.093	**0.2**	<0.19	0.54
SB28	2/15/2002	5-7'	<0.096	<0.096	<0.096	**0.14**	<0.096	<0.19	<0.19	0.14
SB29	2/15/2002	3-5'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SB29	2/15/2002	12-14'	<0.095	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	BMDL
SB31	2/14/2002	2-3'	<0.083	<0.083	<0.083	**3.7**	<0.083	**1.8**	<0.17	5.5
SB31	2/14/2002	6-8'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SB32	2/12/2002	2-3'	<0.085	<0.085	<0.085	**1.3**	<0.085	**1.1**	<0.17	2.4
SB32	2/12/2002	3-5'	<0.093	<0.093	<0.093	**0.15**	<0.093	<0.19	<0.19	0.15
SB33	2/12/2002	0-0.5'	<0.088	<0.088	<0.088	**2.5**	<0.088	**2.2**	<0.18	4.7
SB33	2/12/2002	5-7'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	BMDL
SB33	2/12/2002	10-12'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP34	2/12/2002	0-0.5'	<0.087	<0.087	<0.087	<0.087	<0.087	<1.7	<1.7	BMDL
SP34	2/12/2002	5-7'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.2	<0.2	BMDL
SP35	2/13/2002	1-2'	<0.086	<0.086	<0.086	**8.5**	<0.086	**6**	<0.17	14.5
SP35	2/13/2002	6-7'	<0.095	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	BMDL
SP35	2/13/2002	12-13'	<0.095	<0.095	<0.095	<0.095	<0.095	<0.19	<0.19	BMDL
SP37	2/12/2002	1-2'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL
SP37	2/12/2002	8-9'	<0.092	<0.092	<0.092	<0.092	<0.092	<0.18	<0.18	BMDL
SP37	2/12/2002	12-13'	<0.092	<0.092	<0.092	<0.092	<0.092	<0.18	<0.18	BMDL
SB38	2/14/2002	5-7'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL

Table 2

Summary of Soil PCB Analytical Results
Former Willow Street Station - Chicago, Illinois

Sample Location	Collection Date	Sample Depth	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Total PCBs (mg/kg)
SP39	2/12/2002	1-2'	<0.087	<0.087	<0.087	<0.087	<0.087	<0.17	<0.17	BMDL
SP39	2/12/2002	5-6'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	BMDL
SP39	2/12/2002	10-11'	<0.095	<0.095	<0.095	**0.14**	<0.095	<0.19	<0.19	0.14
SP40	2/12/2002	2-3'	<0.094	<0.094	<0.094	**31**	<0.094	**24**	<0.19	55
SP40	2/12/2002	7-8'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SP40	2/12/2002	14-15'	<0.094	<0.094	<0.094	<0.094	<0.094	<0.19	<0.19	BMDL
SP43	2/12/2002	2-3'	<0.1	<0.1	<0.1	<0.1	<0.1	<0.21	<0.21	BMDL
SP43	2/12/2002	3.5-4.5'	<0.099	<0.099	<0.099	**0.28**	<0.099	**0.26**	<0.2	0.54
SP43	2/12/2002	11-12'	<0.097	<0.097	<0.097	<0.097	<0.097	<0.19	<0.19	BMDL
SP44	2/12/2002	0-0.5'	<0.094	<0.094	<0.094	**1.5**	<0.094	**1**	<0.19	2.5
SP44	2/12/2002	6-7'	<0.096	<0.096	<0.096	<0.096	<0.096	<0.19	<0.19	BMDL
SP44	2/12/2002	12-13'	<0.093	<0.093	<0.093	<0.093	<0.093	<0.19	<0.19	BMDL
SB45	2/14/2002	0-0.5'	<0.084	<0.084	<0.084	<5.2	<0.084	<5.2	<0.17	BMDL
SB45	2/14/2002	3-5'	<0.095	<0.095	<0.095	**0.16**	<0.095	<0.19	<0.19	0.16

All sample extracts analyzed for PCBs using SW-846, Method 8082.

Table 3

Summary of Verification Sample Analytical Results
Former Willow Street Station - Chicago, Illinois

Sample Location	Collection Date	Sample Type	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)	Total PCBs (mg/kg)
A2	4/28/2004	FILL	<0.0262	<0.0262	<0.0262	<0.0262	**10.8**	<0.0262	<0.0262	**10.8**
A3	4/28/2004	FILL	<0.0256	<0.0256	<0.0256	<0.0256	**8.6**	<0.0256	<0.0256	**8.6**
A4	4/28/2004	FILL	<0.025	<0.025	<0.025	<0.025	**8.41**	<0.025	<0.025	**8.41**
B1	4/28/2004	FILL	<0.0258	<0.0258	<0.0258	<0.0258	**4.63**	<0.0258	<0.0258	**4.63**
B2	4/28/2004	CLAY	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299
B3	4/28/2004	CLAY	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
B4	4/28/2004	CLAY	<0.0287	<0.0287	<0.0287	<0.0287	<0.0287	<0.0287	<0.0287	<0.0287
B5	4/28/2004	FILL	<0.0255	<0.0255	<0.0255	<0.0255	**6.37**	<0.0255	<0.0255	**6.37**
C1	4/28/2004	FILL	<0.0262	<0.0262	<0.0262	<0.0262	**4.09**	<0.0262	<0.0262	**4.09**
C2	4/28/2004	CLAY	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293
C3	4/28/2004	CLAY	<0.0294	<0.0294	<0.0294	<0.0294	<0.0294	<0.0294	<0.0294	<0.0294
C4	4/28/2004	CLAY	<0.0298	<0.0298	<0.0298	<0.0298	<0.0298	<0.0298	<0.0298	<0.0298
C5	4/28/2004	FILL	<0.0258	<0.0258	<0.0258	<0.0258	**6.43**	<0.0258	<0.0258	**6.43**
D1	4/28/2004	FILL	<0.0262	<0.0262	<0.0262	<0.0262	**4.19**	<0.0262	<0.0262	**4.19**
D2	4/28/2004	CLAY	<0.0292	<0.0292	<0.0292	<0.0292	<0.0292	<0.0292	<0.0292	<0.0292
D3	4/28/2004	CLAY	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293
D4	4/28/2004	CLAY	<0.0297	<0.0297	<0.0297	<0.0297	<0.0297	<0.0297	<0.0297	<0.0297
D5	4/28/2004	FILL	<0.0259	<0.0259	<0.0259	<0.0259	**4.1**	<0.0259	<0.0259	**4.1**
E2	4/28/2004	FILL	<0.0262	<0.0262	<0.0262	<0.0262	**4.53**	<0.0262	<0.0262	**4.53**
E3	4/28/2004	FILL	<0.027	<0.027	<0.027	<0.027	**2.02**	<0.027	<0.027	**2.02**
E4	4/28/2004	FILL	<0.0268	<0.0268	<0.0268	<0.0268	**1.95**	<0.0268	<0.0268	**1.95**

All sample extracts analyzed for PCBs using SW-846, Method 8082.
BRL = Analyte NOT DETECTED at or above the reporting limit.

APPENDIX A

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB01/MW02
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-14-02	2-14-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	TOPSOIL, with gravel, dry, stiff		3/ 3/ 7/ 2	1					0	
2						001 @ 1320			0	
3	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel		13/ 13/ 7/ 5	1.5					0	
4	With orange mottling (3.5-6') Dark brown								0	
5			4/ 5/ 8/ 8	2					0	Staining (4-5')
6									1.7	
7			4/ 13/ 23/ 28	1					0	Some staining in fractures (6-8')
8									0	
9			38/ 12/ 17/ 11	1		002 @ 1350			0	Some staining (8-10')
10	Moderate brown								0	
11			12/ 20/ 14/ 19	1.5					0	
12	SILTY CLAY (CL), medium gray with orange mottling, moist, stiff, trace gravel		12/ 14/ 17/ 22	2					0	
13									0	
14			9/ 10/ 11/ 9	1					0	
15									0	
16			7/ 9/ 10/ 7	2					0	
17									0	
18			6/ 5/ 9/ 3	2					0	
19									0	
20	EOB @ 20'									
21	Well set at 18' with 10' screen, 12' sand pack and 3' aboveground riser.									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP02
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 16

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	16	0	2		5	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	To	Field Observer (s)	Reviewed By:
2-11-02	2-11-02	Jason Blazier	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, clayey sand, dark brown, dry, with gravel								1.7	
									1.8	
2	SILTY CLAY (CL), dark brown, moist, stiff, some sand and gravel			3.5					24.8	
3	Wood fragments					001 @ 1515			8.3	Slight odors (3-4')
4						002 @ 1530			0	
5	Light brown, wet, trace sand and gravel			3					0	
6	Saturation zone								0	
7	Light gray with brown mottling, moist, stiff, trace gravel, medium plasticity								0	
8				3					0	
9									0	
10									0	
11				0.25					0	
12	As above								0	
13									0	
14				0.5					0	
15									0	
16										
17	EOB @ 16'									
18										
19										
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP03
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Drill Measured
DPS	2 inches	19	0	2		10.5	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	To	Field Observer (s)	Reviewed By:
2-11-02	2-11-02	Jason Blazier	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
0	FILL, clayey sand, brown, wet, with gravel								0	
1									0	
2	Sandy clay, dark brown/gray, dry, some gravel and silt			3					0	
3						001 @ 1340			0	
4	Silty sand, dark brown (3")								0	
	SILTY CLAY (CL), dark brown, dry, stiff, trace gravel, low plasticity					002 @ 1350			0	
5				3					0	
6	Olive gray, dry, meidum plasticity								0	
7	Moderate brown with gray mottling								0	
8				3					0	
9									0	
10									0	▼
11	Saturation zone			3					0	
12									0	
13									0	
14	Light gray, horizontal and vertical silt lenses			3					0	
15									0	
16	Soft, trace gravel, high plasticity								0	
17				3					0	
18									0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB04/N
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		10	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon
Date 2-18-02	To 2-18-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	No Recovery			0						
2	SILTY CLAY (CL), moderate brown, moist, stiff, some gravel		27/ 50/2	0.5					0	
3									0	
4			48/ 17/ 7/ 6	0.5					0	
5									0	
6	Olive gray, trace gravel and sand		7/ 3/ 3/ 3	1		001 @ 1150			0	
7									0	Some staining (7-8')
8	SANDY CLAY (CL), moderate brown, wet, medium stiff, trace gravel		3/ 3/ 3/ 3	0.5					0	
9									0	
10	Saturation zone		2/ 2/ 2/ 2	0.5					0	
11									0	
12	SILTY CLAY (CL), light brownish gray, wet, soft, trace gravel		4/ 2/ 1/ 2	1.5					0	
13									0	
14									0	
15				1						
16	Medium stiff		4/ 5/ 4/ 4	1						
17										
18	Shelby tube sample (18-20')			1.5		MW1-00 @ 1210				
19										
20	EOB @ 20'									
21	Well set at 18' with 10' screen, 12' sand pack and 3' aboveground riser.									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP05
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	20	0	2		11	

Drilling Company: Rock & Soil Drilling Corp. Drillers (s): Lance McGill

Drilling Rig: Geoprobe Type of Sampler: 4' liner

Date: 2-11-02 To: 2-11-02 Field Observer (s): Jason Blazier Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sandy clay, moderate brown, moist, with gravel and brick fragments								0	
									0	
2	SILTY CLAY (CL), dark gray, moist, some gravel			4		001 @ 1125			0	Staining (2-3')
3									0	
4									0	
5	Dark gray with brown mottling, medium plasticity			3					0	
6									0	
7									0	
8				3					0	
9									0	
10						002 @ 1145			0	
11	Saturation zone								0	
12	Light brownish gray, saturated, some gravel Piece of metal			3					0	
13									0	
14	Light brown								0	
15				3					0	
16									0	
17									0	
18				1					0	
19										
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP06
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 10

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	10	0	3	-	4	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	To	Field Observer (s)	Reviewed By:
2-12-02	2-12-02	Jason Blazier	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, clayey sand, dark brown, dry, with gravel, wood and brick fragments								0	
1									0	
2	Sandy clay, dark gray, moist, some gravel and brick fragments			4					1	
3						001 @ 810			6.2	Odors (3-10')
4	Silty sand, moderate brown, saturated					002 @ 830			1.7	
5	Saturation zone			3					0.5	
6									0.6	Sheen (6-10')
7									0.5	
8				3					1.0	
9						003 @ 840			1.8	
10	Refusal @ 10'. EOB @ 10'.									
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP07
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner
Date 2-12-02	To 2-12-02	Field Observer (s) Jason Blazier	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, clayey sand, dark brown, dry, with gravel and brick fragments								1.2	
1									4	
2				4		001 @ 845			0.6	
3	Brick layer (3")									
	SILTY CLAY (CL), dark gray, dry, stiff, some sand, low plasticity								1.2	Slight odor (3-4')
4									0	
5	Medium gray with olive mottling, trace gravel			3					0	
6									0	
7									0	
8				3					0	
9	Moderate brown with gray mottling					002 @ 915			0	
10									0	
11				3					0	
12									0	
13									0	
14	Vertical silt lenses			3					0	
15	Light gray, moist, soft, trace gravel, high plasticity								0	
16						003 @ 920			0	
17				3					0	
18									0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP08
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		11.5	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner
Date 2-11-02	To 2-11-02	Field Observer (s) Jason Blazier	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, silty sand, moderate brown, wet, with gravel and brick fragments			4		001 @ 1230			0	
2									0	
3	Concrete fragments (3")								0	
4	SILTY CLAY (CL), medium gray with olive gray mottling, moist, stiff, trace gravel, low plasticity			3					0	
5									0	
6									0	
7									0	
8				3		002 @ 1245			0	
9	Moderate brown with olive gray mottling								0	
10									0	
11				3					0	
12	Saturation zone								0	
13									0	
14				3					0	
15									0	
16									0	
17				3					0	Staining, slight odors (3")
18	Light gray, moist, soft, high plasticity, vertical silt lens								0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

ENVIRONMENTAL LOG WILLOW2.GPJ BURNS_MO.GDT 3/28/02

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB09
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	1		12	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-14-02	2-14-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	No recovery		50/1	0						
2	FILL, sandy gravel, moderate brown, moist, dense								0	
3			50/5	0.5					0	
4	Sandy clay, dark gray, moist, very stiff, some gravel and wood fragments		28/ 24/ 4/ 6	1		001 @ 1010			0	Staining, slight odors (4-6')
5	Brick layer (6")								0	
6	No Recovery								0	
7	Concrete bottom at 7'			0						
8	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		8/ 9/ 14/ 25	1.5					0	
9									0	
10			5/ 5/ 7/ 8	1					0	
11									0	
12	Light gray Saturation zone		9/ 7/ 9/ 10	2					0	
13	With orange mottling (13-18')								0	
14	Medium stiff		8/ 4/ 4/ 4	1.5					0	
15									0	
16			3/ 3/ 4/ 4	2					0	
17									0	
18			2/ 3/ 3/ 3	2					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB10
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: [illegible]		Total Footage: 4

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	4	0	1		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-14-02	To	2-14-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL; sand, dark brown, moist, with gravel		10/ 10/ 12/ 6	1.5					0	
2						001 @ 940				
3	large debris								0	
4										
5	T. D. = 4'; REFUSAL; redrill w/ GeoProbe; can't move closer to pile									
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP10
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner
Date 2-13-02	To 2-13-02	Field Observer (s) Grant Zoldowski	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, clayey sand, moderate brown, moist, with gravel					001 @ 1335			159	Odors (0.5-1')
2				3					239	
3									103	
4									27.1	Coating (3.5-4')
5	SILTY CLAY (CL), medium gray, moist, stiff, trace sand and gravel								49.7	
6				3					112	
7						002 @ 1350			21.8	
8									11.4	
9				3					135	
10	Dark gray, trace sand and gravel								125	Tar in fractures (9.5-10')
11									11.6	
12				3					6.1	
13	Medium stiff								62.5	
14						003 @ 1415			13.9	
15				3					11.1	
16	Stiff								5.3	
17									2.7	
18				2					0	
19									0	
20	EOB @ 19'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP11
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		12	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner
Date 2-13-02 To 2-13-02	Field Observer (s) Grant Zoldowski	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, clayey sand, moderate brown, wet, with sand and gravel					001 @ 1120			1.2	
2				3.5					11.4	
3									14.2	
4									3.4	
5				3					5.8	
6	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel								1.7	
7									1	
8				3					1	
9									1	
10						002 @ 1130			1	
11				3					1.2	
12	Saturation zone								1.4	
13	Wet, trace sand								0.8	
14				3					1.7	
15									1.7	
16									1.4	
17	CLAYEY SAND (SC), light gray, wet, loose, trace fine gravel			2.5					2.8	
18									2.9	Slight odors
19									3.2	
20	EOB @ 19'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP13
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		8	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date 2-13-02 To 2-13-02 Field Observer (s) Grant Zoldowski Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, clayey sand, dark brown, moist, some gravel and brick fragments								4.0	
2				4		001 @ 1005			4.4	
3									6.9	
4									1.3	
5									1	
6	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel			3					1	
7						002 @ 1020			1	
8	Saturation zone			3					1.2	
9									1.8	
10	Dark gray								1	
11				3					1.1	
12									1.2	
13	Dark gray with orange mottling, trace gravel and sand								1.3	
14				3					1.3	
15	Light gray, wet, soft, trace gravel								1.3	
16						003 @ 1040			1.2	
17				3					1.2	
18									1.2	
19									0	
20	EOB @ 19'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB18
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		6	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-13-02	2-13-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sand, dark brown, dry, dense, with gravel		24/ 50/4	1					0	
2						001 @ 800			0	
3	With gravel and wood fragments		45/ 33/ 20/ 32	1					7.2	Staining, odors (2-6')
4									16	
5			23/ 20/ 12/ 17	1					40	
6						002 @ 830			75.9	
7			10/ 12/ 15/ 17	0.5					25	Sheen, staining & odors (6-12')
8									12	
9	No recovery			0					8	
10	SILTY CLAY (CL), dark brown, moist, stiff, trace gravel		19/ 9/ 5/ 4	1					19	Tar in traces (10-12')
11									22	
12			10/ 12/ 15/ 10	2					104	
13									50	
14	Light gray with orange mottling		6/ 7/ 9/ 9	2					10.4	
15									8.7	
16			3/ 3/ 4/ 5	2					6.9	
17									3.4	
18	Medium stiff		3/ 3/ 3/ 3	2					13.5	
19									2.8	
20										
21	EOB @ 20'									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB19
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 5

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	5	0	1		4	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-13-02	To	2-13-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sand, dark brown, moist, medium dense, with gravel		9/ 9/ 11/ 15	1.5					0	
2						001 @ 1010			0	
3	clay, dark brown, moist, stiff, with sand and gravel		32/ 40/ 13/ 10	1					6	Staining (2-4')
4									12.5	
5			50/1	0					13.7	Staining and odors (4-5')
6	Steel obstruction Refusal @ 5'. EOB @ 5'.									
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB20
Ground Elevation	**Location**	**Page**
		1 of 1
Air Monitoring Equipment		**Total Footage**
PID		20

Drilling Method	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	1		4	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-13-02	2-13-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sand, moderate brown, moist, dense, with gravel		6/ 13/ 14/ 18	2		001 @ 1110			0	
2									2	
3	clay, dark brown, moist, stiff, with sand and gravel		10/ 22/ 16/ 25	1					7.3	Staining and odors (2-4')
4									11.5	
5	Saturation zone								6.2	
6	Brick layer (3")		50/3	0.5					0	
7	No recovery		50/1	0						
8										
9			50/1	0						
10										
11			50/1	0						
12										
13			6/ 9/ 11/ 9	0						
14	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel									
15			5/ 7/ 9/ 8	1					3.6	
16									2.1	
17			6/ 6/ 9/ 11	2					0	
18									0	
19			10/ 10/ 15/ 17	2					0	
20									0	
21	EOB @ 20'									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB21
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-15-02	To	2-15-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	TOPSOIL, dry, with gravel		23/ 47/ 32/ 19	1					0	
1	FILL, clay, dark brown, dry, stiff, with gravel					001 @ 1230			0	Slight odors (1-2')
2									2.6	Slight odors, tar in traces (2-4')
3			23/ 50/2	0.5					42.9	
4	Brick layer (6") Gravel and brick fragments								25.3	
5			30/ 12/ 6/ 7	0.5					16.1	
6	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel					002 @ 1250			12.4	
7			20/ 8/ 8/ 12	1					12.9	
8									9.2	
9			7/ 5/ 7/ 11	1					4.6	
10									3.3	
11			3/ 4/ 5/ 9	1.5					2.8	
12	Medium gray with orange mottling								1.5	
13			8/ 6/ 7/ 11	1.5					1.5	
14	Light brownish gray, medium stiff								1.2	
15			3/ 4/ 5/ 5	1.5					1.5	
16									1.1	Slight odors (16-19')
17			2/ 4/ 5/ 6	1.5					1.2	
18									10.1	
19			3/ 5/ 4/ 3	0.5					2.7	
20										
21	EOB @ 20'									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB22
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	[illegible]	Depth to Water	Date Measured
HSA	6 inches	20	0	2		6	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-15-02	2-15-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	TOPSOIL, dry, with gravel								0	
1	FILL, sandy clay, dark brown, dry, very stiff, with gravel		50/4	0.5					0	
2										
3			28/ 50/5	0.5		001 @ 730			39.1	Staining, slight odor (2-4')
4	Gravel and concrete fragments, some sand, wet								79.3	
5			24/ 16/ 10/ 7	1					27.3	Sheen, slight odor (4-6')
6	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel Saturation zone								1.3	
7			12/ 9/ 12/ 13	1					2.5	Sheen (6-7')
8	Light brownish gray, moist								4.9	
9			10/ 8/ 9/ 9	1.5		002 @ 740			2.6	
10	Some gravel (fine to medium)								0	
11			9/ 6/ 9/ 9	1.5					0	
12	Trace gravel								0	
13			9/ 11/ 12/ 12	1.5					0	
14	Trace gravel and sand								0	
15			7/ 6/ 5/ 5	1					0	
16									0	
17			3/ 4/ 5/ 5	1.5					0	
18	Medium stiff								0	
19			3/ 3/ 4/ 2	1.5					0	
20										
21	EOB @ 20'									
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB23
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	[illegible]	Depth to Water	Date Measured
HSA	6 inches	20	0	3		4	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon
Date 2-12-02	To 2-12-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sand, moderate brown, moist, dense, with gravel		6/ 7/ 8/ 8	1					0	
2						001 @ 1500			0	
	No recovery								0	
3			50/1	0						
4	FILL, sand, dark brown, wet, loose, with gravel and wood fragments Saturation zone		15/ 4/ 3/ 3	1					34.1	Sheen, staining, odors (4-16')
5									97.3	
6			5/ 4/ 4/ 4	1					54.8	
7									0	
8			6/ 8/ 8/ 8	1		002 @ 1515			0	
9									0	
10	No recovery			0					0	
11										
12	FILL, sand, dark gray, saturated, loose, with gravel and wood fragments		3/ 4/ 5/ 5	1					12	
13									116	
14									196	Tar saturated
15			50/3	1.5		003 @ 1600			50	
16	Gravel bottom (2") SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel		3/ 8/ 10/ 11	1.5					5.3	Coal tar (3")
17									4.5	
18			5/ 5/ 7/ 8	2					2.3	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB24
Ground Elevation	Location	Page
		1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	Core Diameter	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		10	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-12-02	To	2-12-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, silty sand, olive gray, moist, dense, with gravel		4/ 8/ 12/ 15	1					0	
2						001 @ 1310			0	
3			9/ 10/ 11/ 12	1					0	
4	Silty clay, olive gray, moist, stiff, with sand and gravel		4/ 3/ 5/ 7	1					6.1	Sheen, staining and odors (4-6')
5									12.3	
6			4/ 7/ 3/ 4	1		002 @ 1330			33	Sheen and odors (6-14')
7	SILTY CLAY (CL), moderate brown with orange mottling, moist, stiff, trace gravel								21	
8	Brick layer (3")		12/ 13/ 14/ 7	1					3.4	
9	No mottling								2.1	
10	Saturation zone		4/ 2/ 4/ 5	1					1.6	
11									1.8	
12			6/ 5/ 6/ 7	1					3.3	
13									1.5	
14	Light brownish gray		2/ 4/ 4/ 7	1					1.6	Sheen (14-15')
15									0	
16			5/ 7/ 8/ 12	2					0	
17									0	
18			10/ 11/ 9/ 12	2					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB25
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	3		16	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-12-02	2-12-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sandy clay, dark brown, dry, stiff, some gravel		30/ 32/ 12/ 20	1					0	
2	Sand and gravel, moist		32/ 20/ 12/ 15	2		001 @ 800			0	Sheen (2-4')
4	SILTY CLAY (CL), olive gray, moist, stiff, trace gravel		5/ 5/ 6/ 5	2		002 @ 820			0	
6	Medium stiff		3/ 3/ 4/ 3	2					2.3	Faint odors (6-8')
8	Wet		2/ 2/ 3/ 3	1					0	Sheen and faint odors (8-10')
10	Soft, moist		2/ 2/ 2/ 2	1					0	
12	Light brownish gray, moist, stiff, trace gravel		4/ 8/ 12/ 10	2		003 @ 840			1.3	
14	Wet		4/ 8/ 12/ 10	2					0	
16	Light gray, moist		8/ 8/ 7/ 8	2					0	
18			3/ 3/ 3/ 3	2					0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB26
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Depth	Bedrock Depth	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	1		6	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon
Date 2-13-02	To 2-13-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	TOPSOIL, with gravel								0	
1	FILL, sandy clay, dark brown, moist, dense, some gravel		50/2	1					0	
2									0	Staining and odors (2-12')
3			33/ 50/1	0.5					3.1	
4	SILTY CLAY (CL), olive gray/greenish gray, moist, stiff, trace gravel		9/ 6/ 5/ 6	1		001 @ 1400			0	Sheen (4-12')
5									0	
6	Saturation zone		6/ 9/ 12/ 12	2					0	
7									0	
8	No recovery								0	
9										
10	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel		6/ 9/ 9/ 10	1					4.7	
11									5.1	
12	Light brownish gray		10/ 9/ 9/ 6	2					0	
13									0	
14			12/ 12/ 14/ 13	1.5					0	
15									0	
16	Soft		1/ 2/ 2/ 2	1.5					0	
17									0	
18	Medium stiff		2/ 3/ 3/ 3	2					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB27
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Total Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-15-02	To	2-15-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Gravel and concrete fragments								0	
1			50/4	0.5					0	
2	No recovery								0	
3				0						
4	SILTY CLAY (CL), moderate brown with orange mottling, moist, stiff, trace gravel		10/ 11/ 5/ 5						0	
5				1.5					0	
6			7/ 11/ 5/ 8			001 @ 1000			0	
7				1					0	
8			7/ 8/ 9/ 7						0	
9				1					0	
10			7/ 8/ 9/ 11						0	
11				1.5		002 @ 1020			0	
12	Light brownish gray with orange mottling		9/ 7/ 5/ 5						0	
13				2					0	
14	Trace gravel and sand		7/ 9/ 5/ 5						0	
15				1.5					0	
16	No mottling, trace gravel		6/ 8/ 5/ 8						0	
17				1.5					0	
18			3/ 3/ 4/ 5						0	
19				1.5					0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB28
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	[illegible]	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	[illegible]
HSA	6 inches	20	0	2		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon
Date 2-15-02	To 2-15-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, gravelly sand, dark brown, moist, dense		15/ 22/ 50/2	1					0	
2									0	
3	FILL, sandy clay, moderate brown, moist, stiff, some gravel		20/ 24/ 13/ 12	2		001 @ 840			0	
4									0	
5	Olive gray, trace gravel		5/ 9/ 12/ 11	1.5					0	
6	With wood fragments					002 @ 900			0	Staining
7			8/ 8/ 9/ 9	1.5					0	
8	No recovery								0	
9				0						
10	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel		5/ 5/ 7/ 5	1					0	
11									0	
12	With orange mottling		5/ 10/ 7/ 8	1.5					0	
13									0	
14	Light brownish gray, no mottling		6/ 5/ 5/ 4	1.5					0	
15									0	
16			4/ 4/ 4/ 6	1.5					0	
17									0	
18			2/ 3/ 5/ 2	1.5					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB29
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	1		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	2-15-02	To	2-15-02	Field Observer (s)	Libby Northrip	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, gravelly sand, dark brown, moist, dense		13/ 50/1	0.5					0	
2									0	
3	No recovery			0					0	
4	SILTY CLAY (CL), moderate brown with orange mottling, moist, stiff, trace gravel		17/ 14/ 16/ 17	1		001 @ 1120			0	
5									0	
6			13/ 14/ 16/ 12	1					0	
7									0	
8			8/ 10/ 10/ 12	1.5					0	
9									0	
10	Some gravel		6/ 7/ 7/ 9	0.5					0	
11									0	
12			7/ 9/ 6/ 9	1.5		002 @ 1140			0	
13									0	
14	Light brownish gray, medium stiff		4/ 4/ 4/ 3	1.5					0	
15									0	
16			4/ 4/ 5/ 5	1.5					0	
17									0	
18			2/ 2/ 3/ 4	1.5					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB31
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 20

Drill Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	[illegible]	Date Measured
HSA	6 inches	20	0	2		8	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-14-02	2-14-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	TOPSOIL, with gravel								0	
1	FILL, sand, dark brown, dry, dense, with gravel		50/3	0.5					0	
2									0	
3	Moderate brown		15/ 9/ 9/ 9	1		001 @ 730			0	
4									0	
5			7/ 8/ 9/ 12	1					0	
6	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel								0	
7			7/ 9/ 13/ 15	1		002 @ 800			0	
8	Saturation zone								0	
9			6/ 7/ 17/ 20	1					0	
10									0	
11			9/ 8/ 9/ 8	1					0	
12									0	
13			8/ 8/ 8/ 9	2					0	
14									0	
15	Light gray, medium stiff		4/ 4/ 5/ 5	2					0	
16									0	
17			4/ 5/ 5/ 6	2					0	
18									0	
19			3/ 3/ 4/ 3	2					0	
20	EOB @ 20'									
21										
22										
23										
24										

ENVIRONMENT... LOG WILLOW1.GPJ BURNS_MO.GDT 3/28/02

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB32
Ground Elevation	**Location**	**Page**
		1 of 1
Air Monitoring Equipment		**Total Footage**
PID		20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	For Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		6	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date	To	Field Observer (s)	Reviewed By:
2-12-02	2-12-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	Gravel and concrete fragments			0						
2	FILL, sandy clay, dark brown, dry, dense, with gravel		35/ 30/ 27/ 28	2		001 @ 930			0	
3	Silty sand, light brown, moist, loose, trace gravel								1.4	
4	Wet		10/ 15/ 12/ 13	1		002 @ 940			1.6	
5									2.5	
6	Saturation zone		2/ 3/ 4/ 1	1					0	
7									0	
8	With gravel, concrete and brick fragments		3/ 5/ 5/ 10	1					1.0	Sheen and odors (8-14')
9									7.6	
10	With wood fragments		3/ 5/ 3/ 5	1					1.3	
11									4.1	
12	SILTY CLAY (CL), moderate brown, moist, medium stiff, trace gravel		3/ 5/ 3/ 5	2					8	
13									0	
14	Light brownish gray, stiff		4/ 5/ 8/ 8	1					0	Sheen (14-18')
15									0	
16	With orange mottling		5/ 5/ 6/ 7	2					0	
17									0	
18	No mottling		4/ 4/ 4/ 4	2					0	
19									0	Faint odors (19')
20	EOB @ 20'									
21										
22										
23										
24										

ENVIRONMENT... ILLOW1.GPJ BURNS_MO.GDT 3/28/02

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB33
Ground Elevation	**Location**	**Page**
		1 of 1
Air Monitoring Equipment		**Total Footage**
PID		20

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	3	12	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Josh Oman
Drilling Rig	Diedrich	Type of Sampler	2' split spoon
Date 2-12-02	To 2-12-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, clay, dark brown, dry, dense, with gravel and brick fragments		40/ 25/ 28/ 8	1		001 @ 1110			0	
2	Brick layer at 2' (3")								0	
3	No recovery		50/5	0					0	
4	SILTY CLAY (CL), dark gray/olive gray, dry, medium stiff, some gravel		10/ 4/ 4/ 4	1					0	Faint odor
5									0	
6	Medium gray with orange mottling, stiff, trace gravel		6/ 7/ 14/ 14	2		002 @ 1130			0	
7									0	
8	Moderate brown		6/ 7/ 9/ 10	1					0	
9									0	
10			3/ 5/ 6/ 7	1		003 @ 1140			0	
11									0	
12	Saturation zone		4/ 8/ 8/ 10	1					0	
13	SANDY CLAY (CL), moderate brown, wet, medium dense, trace gravel								0	
14	Light gray, moist, medium stiff		6/ 5/ 5/ 10	2					0	
15									0	
16			5/ 5/ 4/ 8	2					0	
17									0	
18	Trace gravel and sand		2/ 4/ 4/ 6	2					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

DRAFT

Drilling Log

Project Name: Willow Street Station	Project No.: 28020	Boring Number: WSS-SP34
Ground Elevation:	Location:	Page: of 1
Air Monitoring Equipment: PID		Total Footage: 19

Drilling Type	Hole Size	Overburden Feet	Sample Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
DPS	2 inches	19	0	2		4.5	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date 2-12-02	To 2-12-02	Field Observer (s) Jason Blazier	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, clayey sand, dark brown, wet, with gravel					001 @ 1220			3	
1									0	
2	Silty sand, moderate brown, moist			3.5					0	
3	SILTY CLAY (CL), moderate brown, dry, stiff, some sand and gravel and cinder material, medium plasticity								1	
4	Saturation zone								0	▼
5	Medium gray with brown mottling, high plasticity			3					0	
6						002 @ 1250			0	
7	SILTY SAND (SM), fine, light brown, wet, medium dense, trace gravel								0	
8				2					0	
9									0	
10									0	
11				3					0	
12									0	
13									0	
14				3					0	
15	SILTY CLAY (CL), light brown with gray mottling, moist, stiff, trace gravel, high plasticity								0	
16	No recovery								0	
17				0						
18										
19	EOB @ 19'									
20										
21										
22										
23										
24										

ENVIRONMEN... 'ILLOW2.GPJ BURNS_MO.GDT 3/28/02

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Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP35
Ground Elevation	**Location**	**Page**
		1 of 1
Air Monitoring Equipment		**Total Footage**
PID		19

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

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	To	Field Observer (s)	Reviewed By:
2-13-02	2-13-02	Grant Zoldowski	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, clay, dark brown, moist, stiff, with gravel and cinder material								3.1	
1									1	
2				4		001 @ 805			28.2	
3	Gravel layer (2")								9.01	
	Wood fragments (2")									
4	SILTY CLAY (CL), light brownish gray, moist, stiff, trace gravel								3.5	
5				3					1.1	
6									0.9	
7	Sand layer, black, fine (3")					002 @ 830				
	Soft, trace sand and gravel								1	
8				3					0.9	
9									1	
10	Stiff								0.9	
11				3					0.8	
12									0.7	
13						003 @ 840			1	
14				3					0.8	
15									1	
16	Light gray, wet, soft								0.9	
17				3					0.8	
18									0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP37
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	2-12-02	To	2-12-02	Field Observer (s)	Jason Blazier	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	Gravel and concrete fragments								0	
1	FILL, clayey sand, dark gray, dry, trace gravel and brick and wood fragments								0	
2				3.5		001 @ 1515			1	
3	SILTY CLAY (CL), dark gray with olive gray mottling, dry, stiff, trace gravel, low plasticity								0	
4									0	
5	Dark brown with gray mottling, dry, trace sand and gravel			3					0	
6									0	
7									0	
8				3		002 @ 1545			0	
9									0	
10									0	
11				3					0	
12						003 @ 1550			0	
13									0	
14	Light brown with gray mottling, high plasticity			3					0	
15									0	
16									0	
17				3					0	
18	Light gray, soft								0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

ENVIRONMEN... LOW2.GPJ BURNS_MO.GDT 3/28/02

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB38
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment		Total Footage 20

Drilling Type	Hole Diameter	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Completed
HSA	6 inches	20	0	1		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

Date 2-14-02	To 2-14-02	Field Observer (s) Libby Northrip	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	No recovery		50/2	0						
2	FILL, sandy gravel, dark brown, moist, dense								0	Staining (2-7')
3			50/5	0.5					0	
4	Sandy clay, dark gray, wet, stiff, some gravel		8/ 16/ 11/ 12	1					0	
5									0	
6	SILTY CLAY (CL), moderate brown, moist, stiff, trace gravel		8/ 11/ 7/ 7	1.5		001 @ 1130			0	
7									0	
8			6/ 7/ 8/ 7	1					0	
9									0	
10			6/ 7/ 8/ 8	1.5					0	
11									0	
12	Light brownish gray		6/ 8/ 10/ 9	2					0	
13									0	
14			5/ 6/ 5/ 6	2					0	Staining (14')
15									0	
16	Light gray, medium stiff		3/ 3/ 4/ 4	2					0	
17									0	
18	Wet		4/ 4/ 5/ 7	2					0	
19									0	
20	EOB @ 20'									
21										
22										
23										
24										

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP39/MW03
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		Total Footage: 19

Drilling Type	Hole Size	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Well	[illegible]
DPS	2 inches	19	0	3		13.5	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date 2-12-02	To 2-12-02	Field Observer (s) Jason Biazier	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, clayey sand, dark brown, moist, with sand and gravel and trace glass fragments								0.5	
1									0	
2	Sandy silt, dark gray, moist			3.5		001 @ 1345			0	
3	Wood fragments (2")								0	
4	Brick fragments (2")								0	
5	Silty sand, dark gray, wet, some gravel and cinder material								0	
6				3		002 @ 1400			0	
7	Brick layer (3")								0	
8	Clayey silt, dark gray, moist, some wood fragments								0	
9	SILTY CLAY (CL), medium gray with brown mottling, moist, stiff, trace gravel, low plasticity			3					0	
10									0	
11						003 @ 1410			0	
12	Moderate brown			3					0	
13									0	▼
14	Gravel layer (3")								0	
15	Saturation zone Light brown, no gravel, medium plasticity			3					0	
16	No recovery								0	
17				0						
18										
19										
20	EOB @ 19'									
21	Well set at 20' with 10' screen, 12' sand pack and flush mount.									
22										
23										
24										

ILLOW2.GPJ BURNS_MO.GDT 3/28/02
ENVIRONMEN...

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP40
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner
Date 2-12-02	To 2-12-02	Field Observer (s) Jason Blazier	Reviewed By: Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sand, dark brown, moist, with gravel and trace wood, cinder and brick fragments								0	
									0	
2				4						
						001 @ 1430			1.1	
3	SILTY CLAY (CL), dark gray/olive gray, dry, stiff, trace gravel, low plasticity								0	
4									0	
5	Cinder material (2")								0	
				3						
6									0	
7	Moderate brown with gray mottling, very stiff								0	
						002 @ 1450				
8									0	
				3						
9									0	
10	Gravel layer (3")								0	
11									0	
				3						
12	No mottling								0	
13									0	
14									0	
				3		003 @ 1500				
15									0	
16									0	
17									0	
				3						
18									0	
19	EOB 19'									
20										
21										
22										
23										
24										

ENVIRONMEN... LOG WILLOW2.GPJ BURNS_MO.GDT 3/28/02

Burns &...

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SF43
Ground Elevation	Location	Page 1 of 1
Air Monitoring Equipment: PID		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		NA	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	2-12-02	To	2-12-02	Field Observer (s)	Jason Blazier	Reviewed By:	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
1	FILL, sandy clay, dark brown, wet, some gravel and brick fragments								0	
									0	
2	SILTY CLAY (CL), dark gray, moist, stiff, trace gravel			4					5.7	
3						001 @ 1045			6.9	Staining and strong odors (3-4')
4						002 @ 1105			37.5	
5	Medium gray with olive mottling, dry, medium plasticity			3					12.3	Staining in traces (5-7')
6									8.9	
7									16.4	
8				3					3.2	
9	Moderate brown with gray mottling								1.9	
10									12.5	
11				2.5		003 @ 1110			18.4	
12									19.3	
13										
14				0.25						
15	Medium gray, soft									
16	Moderate brown with gray mottling, dry, low plasticity								0	
17				3					0	
18									0	
19	EOB @ 19'									
20										
21										
22										
23										
24										

ENVIRONMEN... LLOW2.GPJ BURNS_MO.GDT 3/28/02

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SP44/M 04
Ground Elevation	**Location**	**Page**
		1 of 1
Air Monitoring Equipment		**Total Footage**
PID		19

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

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Lance McGill
Drilling Rig	Geoprobe	Type of Sampler	4' liner

Date	To	Field Observer (s)	Reviewed By:
2-12-02	2-12-02	Jason Blazier	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	FILL, silty sand, dark brown, moist, with gravel					001 @ 1000			1.9	
1	Sandy clay, dark brown, dry, trace gravel and organic material								0	
2				4					0	
3	Wood fragments (2")								0	
4	SILTY CLAY (CL), dark gray, dry, stiff, trace gravel and wood fragments, low plasticity								0	
5				3					1.5	
6	Medium gray with olive mottling, medium plasticity					002 @ 1020			0	
7									0	
8				3					0	
9	Moderate brown with gray mottling								0	
10									0	
11				3					0	
12						003 @ 1030			0	
13	Medium gray, dry, soft, trace gravel, high plasticity								0	
14				3					0	
15									0	
16									0	
17				3					0	
18									0	
19	EOB @ 19'									
20	Well set at 20' with 10' screen, 12' sand pack and 3' above ground riser.									
21										
22										
23										
24										

DRAFT

Drilling Log

Project Name	Project No.	Boring Number
Willow Street Station	28020	WSS-SB45
Ground Elevation	Location	Page
Air Monitoring Equipment		Total Footage
PID		20

Drilling Type	Hole Size	Overburden Feet	Bedrock	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
HSA	6 inches	20	0	2		10	

Drilling Company	Rock & Soil Drilling Corp.	Drillers (s)	Derek Stefanson/ Lance McGill
Drilling Rig	Diedrich	Type of Sampler	2' split spoon

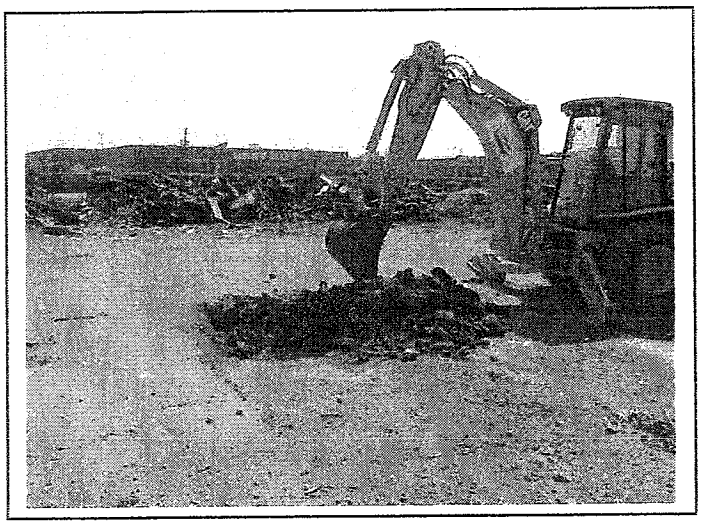
Date	To	Field Observer (s)	Reviewed By:
2-14-02	2-14-02	Libby Northrip	Donald J Schilling

Depth	Description	Class	PEN. Reading (TSF)	Recov.	Blow Counts	Sample Desig./ Time	PID BZ	PID BH	PID S	Remarks/ Water Levels
	TOPSOIL, with gravel		15/ 17/ 10/ 12	1		001 @ 850			0	
1	FILL, clay, dark brown, dry, stiff, with gravel								0	Slight odor (1-2')
2	Gravel and concrete layer (6")		28/ 28/ 30/ 20	1					13.4	Staining and odors (2-4')
3	Sandy clay, moderate brown, moist, medium dense, some gravel								7.2	
4	With gravel and concrete fragments		11/ 5/ 5/ 7	0.5		002 @ 910			3.4	
5									2.8	
6	SILTY CLAY (CL), light brownish gray with orange mottling, dry, stiff, trace gravel		4/ 5/ 10/ 10	1					0	
7									0	
8			4/ 5/ 13/ 14	2					0	
9									0	
10	Saturation zone No mottling		6/ 12/ 13/ 13	2					1.5	Slight odors, tar in fractures(10-14')
11									2	
12			6/ 7/ 9/ 9	2					4.9	
13									1.3	
14	With orange mottling		3/ 4/ 5/ 7	1					3.1	Sheen and odors (14-17')
15									1.5	
16	No mottling		3/ 5/ 7/ 7	1.5					1.1	
17	Some sand								0.9	
18	Soft		2/ 2/ 4/ 3	1.5					0	
19									0	
20										
21	EOB @ 20'									
22										
23										
24										

LOW1.GPJ BURNS_MO.GDT 3/28/02
ENVIRONMEN...

APPENDIX B

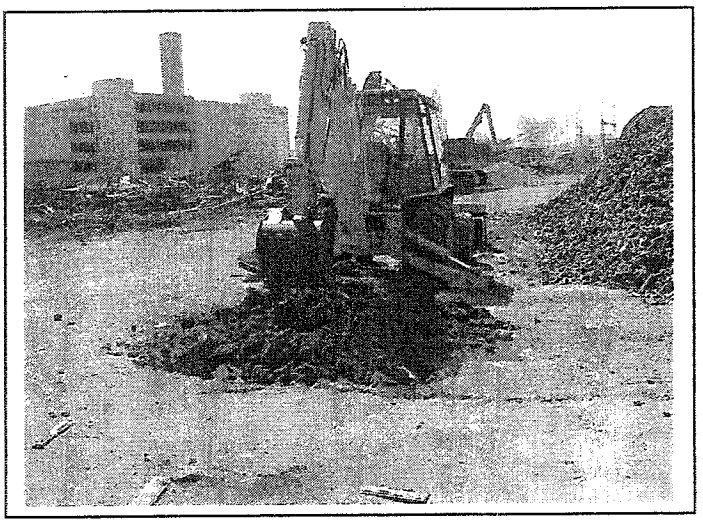
GENERAL IRON INDUSTRIES, INC.
Former Willow Street Station MGP Site



PHOTOGRAPH NUMBER 1

Date: April 28, 2004
Direction: East - Southeast

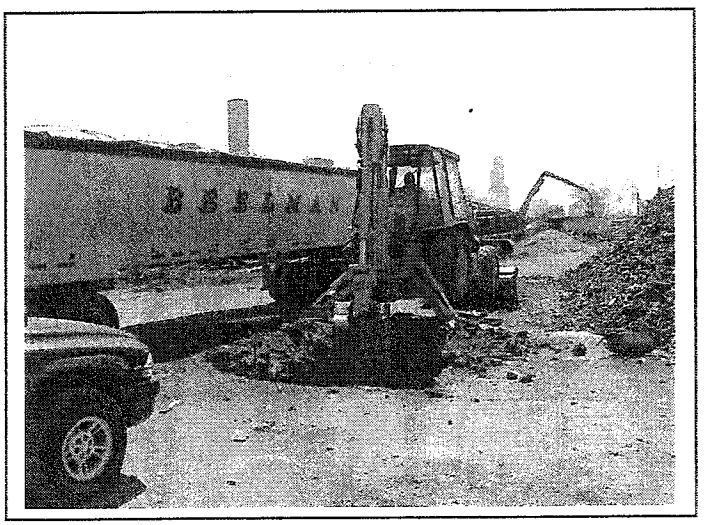
Description: View of proposed excavation around SP40.



PHOTOGRAPH NUMBER 2

Date: April 28, 2004
Direction: South

Description: View of proposed excavation around SP40.

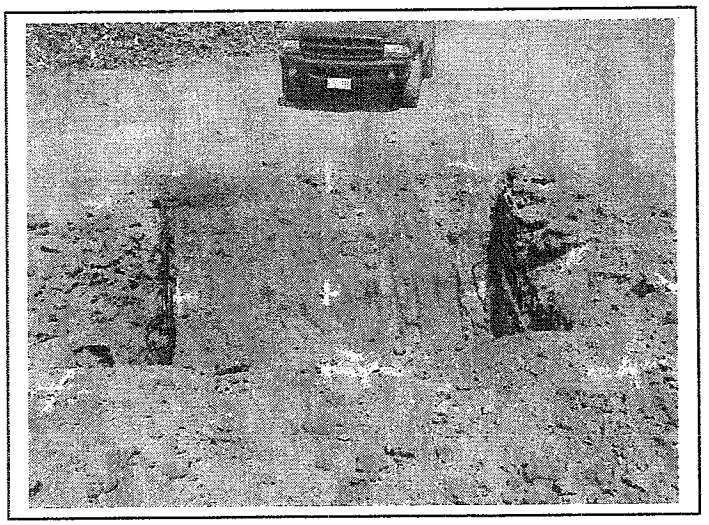


PHOTOGRAPH NUMBER 3

Date: April 28, 2004
Direction: South

Description: View of excavation and loading of the bulk PCB remediation waste around SP40.

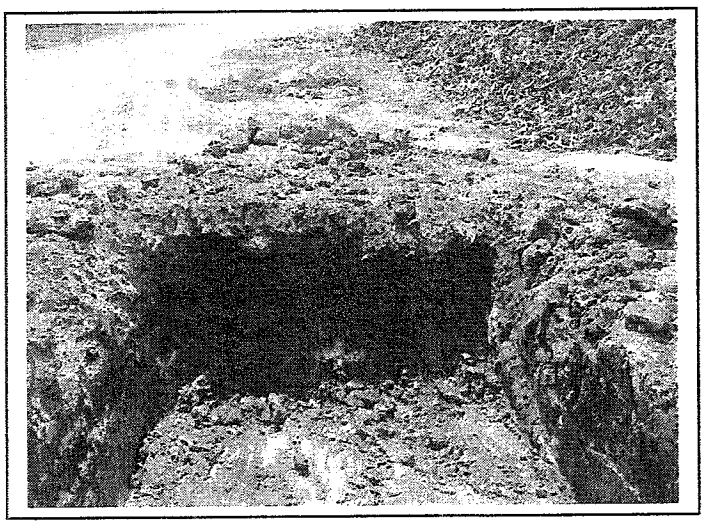
GENERAL IRON INDUSTRIES, INC.
Former Willow Street Station MGP Site



PHOTOGRAPH NUMBER 4

Date: April 28, 2004
Direction: North

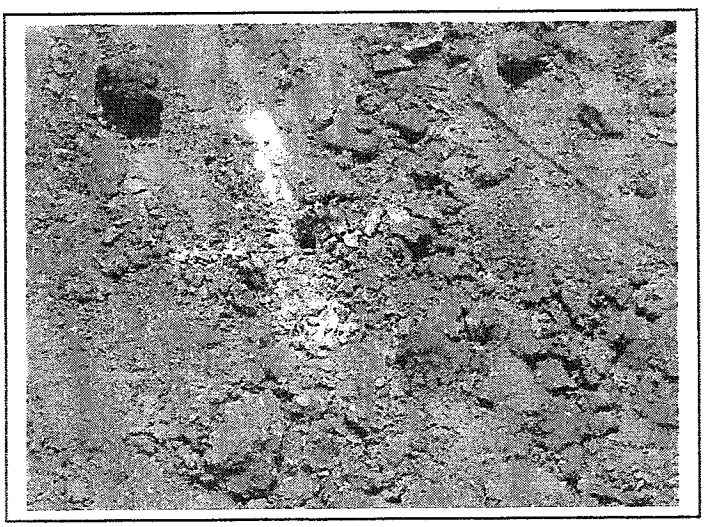
Description: View of verification sampling grid.



PHOTOGRAPH NUMBER 5

Date: April 28, 2004
Direction: South

Description: View of verification sampling grid.



PHOTOGRAPH NUMBER 6

Date: April 28, 2004
Direction: Down

Description: View of verification sample number C3 located in the center of the excavation.

APPENDIX C

WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111 and Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD025136094

Manifest Document No. 2004001

2. Page 1 of 001

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GENERAL IRON INDUSTRIES
1066 W. NORTH AVE
CHICAGO, IL 60614

4. Generator's Phone ( )

A. State Manifest Document Number MI 9464895

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WAYNE DISPOSAL, INC., SITE #2 LANDFILL
42950 NORTH I94 SERVICE DRIVE
BELLEVILLE, MICHIGAN 48111

10. US EPA ID Number MID048090633

G. State Facility's ID

H. Facility's Phone 800-592-5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	POLYCHLORINATED BIPHENYLS, SOLID, 9, UN2315, PG II	☒	001	DT	16,800	K	PCB1
b.		☐					
c.		☐					
d.		☐					

J. Additional Descriptions for Materials Listed Above
APPROVAL# 11A0400PAE (PCB SOIL) 3823
UNIQUE CONTAINER ID#
STORAGE START DATE 4-28-2004

K. Handling Codes
a
b
c
d

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Tom Hunter | Signature | Date Month Day Year

GENERATOR

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

18 Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

TRANSPORTER

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Date Month Day Year

FACILITY

EQP 511

TO REPORT ANY ILLEGAL DISCHARGE TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOUR PER DAY.

THE ENVIRONMENTAL QUALITY COMPANY

Customer Account: 008956
Fax: (773) 327-8732

Customer Approval/Quote Confirmation
Wayne Disposal, Inc. (MID048090633)
49350 North I-94 Service Drive
Belleville, Michigan 48111
April 5, 2004

ENVIRONMENTAL MANAGER
GENERAL IRON INDUSTRIES INC
1909 NORTH CLIFTON AVENUE
CHICAGO, IL 60614

This Approval/Quote Confirmation acknowledges the acceptability of the waste described and ensures that the EQ environmental protection facility identified above has the appropriate permit(s) issued by federal and state regulatory agencies to properly transport, treat and/or dispose of the waste material(s) listed below. The Approval(s) are based upon information supplied to EQ by your company. The generator identified is ultimately responsible for the accuracy and completeness of the characterization information provided and any other information that was provided during the technical approval process. The generator must notify the EQ Resource Team immediately upon knowledge of any changes to this information. The Approval(s) and Quote(s) listed below will expire on the date(s) noted. Any new Approvals obtained from EQ on future business will be valid for a period of one (1) year from the date of issuance. For further information, refer to EQ's Standard Terms and Conditions (attached). Please prepare any Purchase/Work Orders for EQ-The Environmental Quality Company. To coordinate delivery of your waste stream(s), please contact our Scheduling Department at 1-800-875-8722.

I, Adam Labkon (Authorized Customer Signature) hereby certify that I have reviewed the information contained in this confirmation and agree to its consents and terms and conditions as set forth.

Printed Name: Adam Labkon Date: 4/19/04 Purchase/Work Order: 10300

Please note the following:

- *Quoted bulk disposal charges for solid materials will be billed by the cubic yard if waste density is less than 2,000 pounds per cubic yard. If the waste density is greater than 2,000 pounds per cubic yard then bulk disposal charges will be billed by the ton regardless of the approved container. EQ personnel will monitor all shipments.*
- *An insurance surcharge of 1.5% will apply to all transportation, disposal and services provided.*
- *The Michigan DEQ will assess a manifest fee for all hazardous waste manifests used in the State of Michigan.*

Approval: 040504PAE-OTS Approval Expires On: 04/05/2005

Generator: ILD035136094 GENERAL IRON INDUSTRIES
Common Name: PCB SOIL
Waste Codes: Primary - PCB1 Secondary -

Type of Service	Price	Unit	Min. Qty.
Treatment and Disposal - Additional $10.00 Hazardous Surcharge per unit	[illegible]	TONS	N/A
NO FREE LIQUIDS. USE PCB1 ON MANIFEST. INCLUDE STORAGE START DATE, UNIQUE CONTAINER ID NUMBER, AND WEIGHT IN KILOGRAMS ON THE MANIFEST.			
END DUMP TRANSPORTATION	5[illegible]	TONS	22 TONS

Hours Free Unloading: 2 Hours Free Loading: 2 Demurrage is $65.00 per hour after two free hours loading and unloading. Trucks ordered and not used are $600.00 per truck. Layovers are $300.00 per day per truck.

YOUR BUSINESS. OUR SOLUTIONS. A PRODUCTIVE PARTNERSHIP™

Mail or fax to: Wayne Disposal, Inc., 49350 North I-94 Service Drive, Belleville, Michigan 48111. Phone: 1-800-592-5489 Fax: 1-800-592-5329

Form 1029 Rev. 2/03

8956

WASTE CHARACTERIZATION REPORT

Tracking # _____

☐ *I authorize EQ – The Environmental Quality Company to choose the appropriate method of waste management, from the technologies offered, at the EQ facilities identified below.*

☐ **Michigan Disposal Waste Treatment Plant** (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 000 724 831
☒ **Wayne Disposal, Inc. Site #2 Landfill** (Hazardous & Chemical Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 048 090 633
☐ **EQ Detroit, Inc.** (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: (313) 923-0080 Fax: 313-923-3375	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.** (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357 Fax: 734-326-4033	EPA ID # MID 060 975 844
☐ **EQ North Carolina** (Stabilization, Treatment, Labpack Decommissioning)	1005 Investment Blvd, Apex, NC 27502 Phone: 919-363-4700 Fax: 919-363-4714	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.** (Drum Consolidation, Labpack Decommissioning)	7202 East 8th Ave, Tampa, FL 33619 Phone: 813-623-5463 Fax: 813-628-0842	EPA ID # FLD 981 932 494
☐ **EQ Transfer & Processing** (Drum Transfer/Non-Hazardous Waste Processing)	1010 Old Rawsonville Rd., Ypsilanti, MI 48198 Phone: 734-547-1000 Fax: 734-480-9195	EPA ID # MIR 000 033 969
☐ **EQ Indianapolis** (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10th Street, Indianapolis, IN 46222 Phone: 317-247-7160 Fax: 317-247-7170	EPA ID # MIO 000 131 292
☐ **EQ Atlanta** (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520 Fax: 404-494-3560	EPA ID # MIO 000 131 292
☐ **EQ Augusta, Inc.** (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID # GAR 000 011 817

Waste Common Name:

Section 1 – Generator & Customer Information

SIC/NAICS* _____

Generator EPA ID # ILD025136094

Generator GENERAL IRON INDUSTRIES

Facility Address 1066 W. NORTH AVENUE

City CHICAGO State IL Zip 60614

County COOK

Mailing Address 1909 CLIFTON

City CHICAGO State IL Zip _____

Generator Contact ADAM LABKON

Title OPERATIONS MANAGER

Phone 773-327-9600 Fax 773-327-8732

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Internal Use Only: EQ Division _____

EQ Customer No. _____

Invoicing Company _____

Address _____

City _____ State _____ Zip _____

Country _____

Invoicing Contact _____

Phone _____ Fax _____

Technical Contact TIMOTHY DANZER

Phone 815-962-1467 Fax 815-962-1516

Mobile 312-330-2592 Pager 847-319-3427

E-mail tdanzer@freeflowtech.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency 20 CY

☒ One Time Only ☐ Year ☐ Quarter ☐ Month

2.2) DOT Shipping Name

Poly chlorinated Biphenyls - Solid

Hazard Class 9, U.N. # 2315, Packing Group 2

2.3) Is this waste surcharge exempt? ☐ Yes ☒ No

If yes, please attach a surcharge exemption form, found in Section 2 of the EQ Resource Guide.

2.4) Packaging (check all that apply)

☐ Bulk Solid (Yd³ < 2000 lbs/yd³)

☒ Bulk Solid (Ton >2000 lbs/yd³)

☐ Bulk Liquids (Gallon)

☐ Totes, Size _____

☐ Cubic Yard Boxes/Bags

☐ Drums

☐ Other (palletized, 5 gal. Pail, etc.) _____

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

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Section 3 – Physical Characteristics

3.1) Color BROWN 3.2) Odor NONE

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) ☐ Yes ☒ No

3.4) Physical State at 70°F: ☒ Solid ☐ Dust/Powder ☐ Liquid ☐ Sludge

3.5) What is the pH of this waste? ☐ ≤2 ☐ 2.1-4.9 ☒ 5-10 ☐ 10.1-12.4 ☐ ≥12.5

3.6) What is the flash point of this waste? ☐ <90°F ☐ 90-140°F ☐ 140-199°F ☒ >200°F ☒ None

3.7) Does this waste contain? (check all that apply)

☐ Biodegradable Sorbants ☐ Amines ☐ Ammonia ☐ Free Liquids ☐ Oily Residue ☐ Metal Fines
☐ Shock Sensitive Waste ☐ Reactive Waste ☐ Radioactive Waste ☐ Dioxins ☐ Furans ☐ Biohazard
☐ Asbestos – non-friable ☐ Asbestos – friable ☐ Explosives ☐ Pyrophoric Waste ☐ Isocyanates

Section 4 – Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

SOIL 90 to 95 %
MISC. DEBRIS, CONCRETE WOOD, METAL 5 to 10 %
_____ to _____ %
_____ to _____ %
Total: 100%

4.2) Provide a *detailed* description of the process generating this waste (attach flow diagram if available).

SEE ATTACHED

Section 5 – Hazardous or Non-Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ☐ Yes ☒ No

5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ☐ Yes ☒ No

5.3) Do any State Waste Codes apply? ☒ Yes ☐ No PCB-1

5.4) Is this waste intended for wastewater treatment? ☐ Yes* ☒ No

*If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.*

Section 6 – Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels? ☐ Yes ☒ No

6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ☐ Yes ☒ No

6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ☐ Yes ☒ No

6.2) Is the waste an oxidizer (D001)? ☐ Yes ☒ No

6.3) Does this waste contain reactive cyanide ≥250 ppm (D003)? ☐ Yes ☒ No

6.4) Does this waste contain reactive sulfide ≥ 500 ppm (D003)? ☐ Yes ☒ No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" MUST be checked for each constituent.

Based On: ☒ Generator Knowledge ☒ Analysis* ☐ MSDS* *Please attach a copy.

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D004	Arsenic	5	☒ Below ☐ Above ____
D005	Barium	100	☒ Below ☐ Above ____
D006	Cadmium	1	☒ Below ☐ Above ____
D007	Chromium	5	☒ Below ☐ Above ____
D008	Lead	5	☒ Below ☐ Above ____
D009	Mercury	0.2	☒ Below ☐ Above ____
D010	Selenium	1	☒ Below ☐ Above ____
D011	Silver	5	☒ Below ☐ Above ____
D012	Endrin	0.02	☒ Below ☐ Above ____
D013	Lindane	0.4	☒ Below ☐ Above ____
D014	Methoxychlor	10	☒ Below ☐ Above ____
D015	Toxaphene	0.5	☒ Below ☐ Above ____
D016	2,4-D	10	☒ Below ☐ Above ____
D017	2,4,5-TP (Silvex)	1	☒ Below ☐ Above ____
D018	Benzene	0.5	☒ Below ☐ Above ____
D019	Carbon Tetrachloride	0.5	☒ Below ☐ Above ____
D020	Chlordane	0.03	☒ Below ☐ Above ____
D021	Chlorobenzene	100	☒ Below ☐ Above ____
D022	Chloroform	6.0	☒ Below ☐ Above ____
D023	o-Cresol	200	☒ Below ☐ Above ____

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D024	m-Cresol	200	☒ Below ☐ Above ____
D025	p-Cresol	200	☒ Below ☐ Above ____
D026	Cresols	200	☒ Below ☐ Above ____
D027	1,4-Dichlorobenzene	7.5	☒ Below ☐ Above ____
D028	1,2-Dicholoroethane	0.5	☒ Below ☐ Above ____
D029	1,1-Dichloroethylene	0.7	☒ Below ☐ Above ____
D030	2,4-Dinitrotoluene	0.13	☒ Below ☐ Above ____
D031	Heptachlor	0.008	☒ Below ☐ Above ____
D032	Hexachlorobenzene	0.13	☒ Below ☐ Above ____
D033	Hexachlorobutadiene	0.5	☒ Below ☐ Above ____
D034	Hexachloroethane	3.0	☒ Below ☐ Above ____
D035	Methyl Ethyl Ketone	200	☒ Below ☐ Above ____
D036	Nitrobenzene	2	☒ Below ☐ Above ____
D037	Pentachlorophenol	100	☒ Below ☐ Above ____
D038	Pyridine	5	☒ Below ☐ Above ____
D039	Tetrachloroethylene	0.7	☒ Below ☐ Above ____
D040	Trichloroethylene	0.5	☒ Below ☐ Above ____
D041	2,4,5-Trichlorophenol	400	☒ Below ☐ Above ____
D042	2,4,6-Trichlorophenol	2	☒ Below ☐ Above ____
D043	Vinyl Chloride	0.2	☒ Below ☐ Above ____

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? ☐ Yes ☐ No
If yes, please list the constituents in Section 11.

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Section 7 – Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

7.1) Is this a Michigan non-hazardous liquid industrial waste? ☐ Yes ☒ No — Please list applicable waste code:

7.2) Is this a Universal waste? ☐ Yes ☒ No

7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) ☐ Yes ☒ No

7.4) Is this waste a recoverable petroleum product? ☐ Yes* ☒ No

7.5) Is this waste used oil as defined by 40 CFR Part 279? ☐ Yes* ☒ No

If you answered "yes" to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 – TSCA Information

8.1) What is the concentration of PCBs in the waste? ☐ None ☐ 0-5 ppm ☐ 6-49 ppm ☒ 50-499 ppm ☐ 500+ ppm

8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ☒ Yes ☐ No

If you answered "no" to 8.1 and 8.2, please skip to Section 9.

8.3) Has this waste been processed into a non-liquid form? ☐ Yes ☒ No

If yes, what was the concentration of PCBs prior to processing? ☒ N/A ☐ 0-499 ppm ☐ 500+ ppm

8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☒ Yes ☐ No

8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☒ No

8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☒ N/A ☐ Yes ☐ No

Section 9 – Clean Air Act Information

NESHAP SIC*		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? ☐ Yes ☒ No
(Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants – VOHAP's or Volatile Organic Compounds – VOC's?)
For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide

9.2) Does this waste stream contain Benzene? ☐ Yes ☒ No
If you answered "no" to 9.2, please skip to Section 10.

9.3) Does the waste stream come from a facility with one of the SIC codes listed under the NESHAP? ☐ Yes ☒ No

9.4) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ☐ Yes ☒ No
For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.
If you answered "no" to question 9.3 and 9.4, please skip to Section 10.

9.5) Does the waste contain >10% water? ☐ Yes ☐ No

9.6) What is the TAB quantity for your facility? _____ Mg/Year

9.7) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No

9.8) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.
(Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)
*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 – Fuel Blending Information

10.1) Is this waste intended for fuel blending? ☐ Yes* ☒ No

*If yes, Heat value (BTU/lb) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____

10.2) Is this waste intended for reclamation? ☐ Yes ☒ No (5-Gallon Sample required for all reclaim waste streams)

Section 11 – Constituent Information

Please identify your waste constituents from these four categories: *Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)*

Constituent	Concentration	UHC?	Constituent	Concentration	UHC?
		☐ Yes ☐ No			☐ Yes ☐ No
		☐ Yes ☐ No			☐ Yes ☐ No
		☐ Yes ☐ No			☐ Yes ☐ No
		☐ Yes ☐ No			☐ Yes ☐ No
		☐ Yes ☐ No			☐ Yes ☐ No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Adam Lebo Printed Name Adam LeboKan

Company General Tech Title _____ Date 2/27/04

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

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STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ – The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Characterization Report, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

The following definitions shall apply for purposes of this Agreement:

"**Acceptable Waste**" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"**Delivered Wastes**" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer, (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"**Non-Conforming Wastes**" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statues, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

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Description of Process Generating PCB Waste

Free Flow Technologies (Free Flow) has been retained by General Iron Industries, Inc. (General Iron) to assist them in completing the remediation of PCBs at a portion of their property (GI North Property LLC) located west of North Kingsbury Street and north of North Avenue in Chicago, Illinois. The overall site is currently fenced and used to torch cut steel into finished product and as a lay-down area for unprepared steel and as a transload yard for loading shredded scrap into barges. The site is also the location of a portion of the Peoples Gas Light and Coke Company (Peoples Gas) historical, former manufactured gas plant (FMGP) known as Willow Street Station. Peoples Gas will enroll the FMGP into the Illinois EPA's Site Remediation Program (SRP) for the purpose of site investigations and remediation of all SRP contaminants of concern. Illinois's clean-up regulations require that sites with PCB recognized environmental conditions (i.e., PCBs concentrations greater than 50 mg/kg) to be address through TSCA. To facilitate the SRP process, remediation by Peoples Gas, and final site closure, PCBs at concentrations greater than 50 mg/kg must be removed. The goal of this work plan is the removal of soils remaining with PCB concentrations greater 50 mg/kg. The work to be performed is a follow-up to previous work performed by GI North Property LLC at the Site as part of an approved closure by the City of Chicago in 1999, and further investigation by Peoples Gas in 2002. For purposes of this work plan, the "clean up site" is an area identified from this previous work as containing concentrations of PCBs greater than 50 mg/kg. The final regulatory closure of the former manufactured gas plant site will be through the SRP for residual PCB concentrations (i.e., <50 mg/kg) and SRP comprehensive contaminants of concern list.

Background

General Iron operates a shredding machine as part of their metal recovery business located at 1909 Clifton Avenue in Chicago, Illinois, approximately one-half mile north of the Site. Prior to shredding, all incoming scrap material is visually inspected prior to acceptance to ensure no capacitors, ballasts, or other materials potentially containing greater than 50 mg/kg PCBs are processed at the facility. Described below is a brief description of several investigations conducted at the Site and surrounding property.

North Avenue Location Site Investigation

In August 1997, General Iron signed a Consent Decree with the City of Chicago concerning General Iron's scrap metal processing business located at the North Avenue Location (includes the Site and other property) and the Kingsbury/Clifton Location. General Iron used the North Avenue site from approximately 1990 to 1997 for recycling of its shredded non-ferrous material for the removal of metals. After this processing, the waste portion of the shredder fluff was disposed in accordance with Federal and State regulations as a non-TSCA industrial waste. In 1998, General Iron relocated this metals operation to one of it's other sites, and recycles shredder fluff as it is generated. All shredder fluff to be processed was removed from the North Avenue Location prior to 1999. Since that time, General Iron has no longer used the North Avenue Location for processing of any shredder fluff.

In accordance with the Consent Decree, field sampling and laboratory analysis was to be performed to characterize the condition of the remaining surface soils at the North Avenue Location for PCBs upon removal of all shredder fluff from the North Avenue Location. In April 1999, Free Flow was retained by General

Iron to assist them in characterizing the soils at the North Avenue Location. A Sampling and Analysis Plan (Free Flow, June 1999) was prepared by Free Flow and approved by the City of Chicago in accordance with the Consent Decree. Free Flow conducted the soil sampling activities at the North Avenue Location in August 1999, after removal of all shredder fluff. A letter report dated September 14, 1999 was prepared by Free Flow describing the investigation procedures and summarizing the analytical results. PCB concentrations ranged from <0.058 to 1.842 mg/kg in the top two feet of soil.

Willow Street Station Comprehensive Site Investigation

In 1991, Peoples Gas retained Hanson Engineers Incorporated (HEI) to conduct a Preliminary Site Investigation at the former Willow Street Station site. The investigation included a review of historical documents provided by Peoples Gas, Sanborn Fire Insurance Maps, and a water well survey. No environmental samples were collected and analyzed during this investigation.

Peoples Gas approached General Iron in 2001 to perform a voluntary site investigation and cleanup of the MGP site wastes under the Illinois Site Remediation Program (SRP). In February 2002, Peoples Gas retained Burns & McDonnell Engineering Company (Burns & McDonnell) to perform a Comprehensive Site Investigation on the site. Potential non-MGP related constituents identified by the Comprehensive Site Investigation included polychlorinated biphenyl's (PCBs) ranging from 0.1 to 55 mg/kg in the top three feet of soil. Table 2 contains a summary of the PCB analytical results and Figure 3 contains a sample location map showing all sample locations that exceed 10.0 mg/kg PCBs.

In order to facilitate obtaining a Comprehensive No Further Remediation Letter under Illinois SRP, General Iron has agreed to cleanup any areas containing PCBs above 50 mg/kg.

Identified Cleanup Area

Previous investigations conducted at the overall site identified one area with PCBs at levels greater than 50 mg/kg. During the Comprehensive Site Investigation (February 2002), a total of 88 soil samples were collected from 41 soil borings advanced throughout the site. Of the 88 soil samples collected, PCBs were detected at levels above the method detection limit in 34 samples. Of the 34 samples that detected PCBs, only one sample (SP40) exhibited PCB concentrations exceeding 50 mg/kg.

As shown in the boring log for SP40, the sample exceeding 50 mg/kg PCBs was collected from fill material (0 – 3 feet below ground surface). Below 3 feet bgs, is a dark gray, stiff silty clay with low plasticity.

Based on this information, General Iron proposes to remediate the area exceeding 50 mg/kg PCBs prior to conducting additional investigations/remediation activities under the Illinois SRP. General Iron will hire a qualified contractor to excavate a 10-foot wide by 10-foot long by 4-foot deep area surrounding the Comprehensive Site Investigation sample location SP40.

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

Date Reported: March 01, 2002
Date Printed: March 04, 2002

Client: Burns & McDonnell
Lab Order: 0202075
Project: 28020, Willow Street Station
Lab ID: 0202075-018

Client Sample ID: WSS SP40 001
Collection Date: 2/12/02 2:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	**SW8082**			Prep Date: **2/21/02**		Analyst: **JF**
Aroclor 1016	ND	0.094		mg/Kg-dry	1	2/21/02
Aroclor 1221	ND	0.094		mg/Kg-dry	1	2/21/02
Aroclor 1232	ND	0.094		mg/Kg-dry	1	2/21/02
Aroclor 1242	31	9.4		mg/Kg-dry	100	2/22/02
Aroclor 1248	ND	0.094		mg/Kg-dry	1	2/21/02
Aroclor 1254	24	19		mg/Kg-dry	100	2/22/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	2/21/02
Mercury	**SW7471A**			Prep Date: **2/19/02**		Analyst: **DI**
Mercury	0.84	0.045		mg/Kg-dry	2	2/20/02
Metals by ICP/MS	**SW6020**			Prep Date: **2/15/02**		Analyst: **MCL**
Antimony	1.6	1.1	J	mg/Kg-dry	10	2/18/02
Arsenic	16	0.57		mg/Kg-dry	10	2/18/02
Barium	240	1.1	J	mg/Kg-dry	10	2/18/02
Beryllium	1.5	0.57		mg/Kg-dry	10	2/18/02
Cadmium	6.6	0.57		mg/Kg-dry	10	2/18/02
Chromium	150	1.1	J	mg/Kg-dry	10	2/18/02
Copper	660	1.1	J	mg/Kg-dry	10	2/18/02
Lead	380	1.1	J	mg/Kg-dry	10	2/18/02
Nickel	54	1.1	J	mg/Kg-dry	10	2/18/02
Selenium	ND	1.1		mg/Kg-dry	10	2/18/02
Silver	ND	1.1		mg/Kg-dry	10	2/18/02
Thallium	1.6	1.1		mg/Kg-dry	10	2/18/02
Zinc	1300	5.7	J	mg/Kg-dry	10	2/18/02
Polynuclear Aromatic Hydrocarbons	**SW8270(SIM)**			Prep Date: **2/20/02**		Analyst: **VS**
Acenaphthene	0.38	0.14		mg/Kg-dry	1	2/27/02
Acenaphthylene	0.47	0.14		mg/Kg-dry	1	2/27/02
Anthracene	0.45	0.14		mg/Kg-dry	1	2/27/02
Benz(a)anthracene	0.14	0.14		mg/Kg-dry	1	2/27/02
Benzo(a)pyrene	1.2	0.14		mg/Kg-dry	1	2/27/02
Benzo(b)fluoranthene	1.8	0.14		mg/Kg-dry	1	2/27/02
Benzo(g,h,i)perylene	1.5	0.14		mg/Kg-dry	1	2/27/02
Benzo(k)fluoranthene	1.5	0.14		mg/Kg-dry	1	2/27/02
Chrysene	2.9	1.4		mg/Kg-dry	10	2/27/02
Dibenz(a,h)anthracene	0.57	0.14		mg/Kg-dry	1	2/27/02
Fluoranthene	3.8	1.4		mg/Kg-dry	10	2/27/02
Fluorene	0.32	0.14		mg/Kg-dry	1	2/27/02
Indeno(1,2,3-cd)pyrene	0.98	0.14		mg/Kg-dry	1	2/27/02

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R - RPD outside accepted recovery limits
E - Value above quantitation range

J: ESTIMATED VALUE, DUE MS/MSD RECOVERY

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

Date Reported: March 01, 2002
Date Printed: March 04, 2002

Client: Burns & McDonnell
Lab Order: 0202075
Project: 28020, Willow Street Station
Lab ID: 0202075-018

Client Sample ID: WSS SP40 001
Collection Date: 2/12/02 2:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons		**SW8270(SIM)**		Prep Date: **2/20/02**		Analyst: **VS**
Naphthalene	0.25	0.14		mg/Kg-dry	1	2/27/02
Phenanthrene	1.7	1.4		mg/Kg-dry	10	2/27/02
Pyrene	5	1.4		mg/Kg-dry	10	2/27/02
Semivolatile Organic Compounds by GC/MS		**SW8270C**		Prep Date: **2/20/02**		Analyst: **JF**
Bis(2-chloroethoxy)methane	ND	1.9		mg/Kg-dry	1	2/21/02
Bis(2-chloroethyl)ether	ND	1.9		mg/Kg-dry	1	2/21/02
Bis(2-ethylhexyl)phthalate	170	19		mg/Kg-dry	10	2/21/02
4-Bromophenyl phenyl ether	ND	1.9		mg/Kg-dry	1	2/21/02
Butyl benzyl phthalate	ND	1.9		mg/Kg-dry	1	2/21/02
Carbazole	ND	1.9		mg/Kg-dry	1	2/21/02
4-Chloro-3-methylphenol	ND	1.9		mg/Kg-dry	1	2/21/02
4-Chloroaniline	ND	1.9		mg/Kg-dry	1	2/21/02
2-Chloronaphthalene	ND	1.9		mg/Kg-dry	1	2/21/02
2-Chlorophenol	ND	1.9		mg/Kg-dry	1	2/21/02
4-Chlorophenyl phenyl ether	ND	1.9		mg/Kg-dry	1	2/21/02
Dibenzofuran	ND	1.9		mg/Kg-dry	1	2/21/02
1,2-Dichlorobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
1,3-Dichlorobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
1,4-Dichlorobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
3,3'-Dichlorobenzidine	ND	3.8		mg/Kg-dry	1	2/21/02
2,4-Dichlorophenol	ND	1.9		mg/Kg-dry	1	2/21/02
Diethyl phthalate	ND	1.9		mg/Kg-dry	1	2/21/02
Dimethyl phthalate	ND	1.9		mg/Kg-dry	1	2/21/02
Di-n-butyl phthalate	ND	1.9		mg/Kg-dry	1	2/21/02
2,4-Dimethylphenol	ND	1.9		mg/Kg-dry	1	2/21/02
4,6-Dinitro-2-methylphenol	ND	9.1		mg/Kg-dry	1	2/21/02
2,4-Dinitrophenol	ND	9.1		mg/Kg-dry	1	2/21/02
2,4-Dinitrotoluene	ND	1.9		mg/Kg-dry	1	2/21/02
2,6-Dinitrotoluene	ND	1.9		mg/Kg-dry	1	2/21/02
Di-n-octyl phthalate	ND	1.9		mg/Kg-dry	1	2/21/02
Hexachlorobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
Hexachlorobutadiene	ND	1.9		mg/Kg-dry	1	2/21/02
Hexachlorocyclopentadiene	ND	1.9		mg/Kg-dry	1	2/21/02
Hexachloroethane	ND	1.9		mg/Kg-dry	1	2/21/02
Isophorone	ND	1.9		mg/Kg-dry	1	2/21/02
2-Methylnaphthalene	ND	1.9		mg/Kg-dry	1	2/21/02
2-Methylphenol	ND	1.9		mg/Kg-dry	1	2/21/02
4-Methylphenol	ND	1.9		mg/Kg-dry	1	2/21/02

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

Date Reported: March 01, 2002
Date Printed: March 04, 2002

Client: Burns & McDonnell
Lab Order: 0202075
Project: 28020, Willow Street Station
Lab ID: 0202075-018

Client Sample ID: WSS SP40 001
Collection Date: 2/12/02 2:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C**		Prep Date: **2/20/02**		Analyst: **JF**
2-Nitroaniline	ND	9.1		mg/Kg-dry	1	2/21/02
3-Nitroaniline	ND	9.1		mg/Kg-dry	1	2/21/02
4-Nitroaniline	ND	9.1		mg/Kg-dry	1	2/21/02
Nitrobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
2-Nitrophenol	ND	9.1		mg/Kg-dry	1	2/21/02
4-Nitrophenol	ND	9.1		mg/Kg-dry	1	2/21/02
N-Nitrosodi-n-propylamine	ND	1.9		mg/Kg-dry	1	2/21/02
N-Nitrosodiphenylamine	ND	1.9		mg/Kg-dry	1	2/21/02
2, 2'-oxybis(1-Chloropropane)	ND	0.08		mg/Kg-dry	1	2/21/02
Pentachlorophenol	ND	9.1		mg/Kg-dry	1	2/21/02
Phenol	2.3	1.9		mg/Kg-dry	1	2/21/02
2,4,6-Trichlorophenol	ND	1.9		mg/Kg-dry	1	2/21/02
1,2,4-Trichlorobenzene	ND	1.9		mg/Kg-dry	1	2/21/02
2,4,5-Trichlorophenol	ND	3.8		mg/Kg-dry	1	2/21/02
Volatile Organic Compounds by GC/MS		**SW5035/8260B**		Prep Date: **2/13/02**		Analyst: **PS**
Acetone	0.13	0.073		mg/Kg-dry	1	2/20/02
Benzene	ND	0.015		mg/Kg-dry	1	2/20/02
Bromodichloromethane	ND	0.015		mg/Kg-dry	1	2/20/02
Bromoform	ND	0.015		mg/Kg-dry	1	2/20/02
Bromomethane	ND	0.029		mg/Kg-dry	1	2/20/02
2-Butanone	ND	0.029		mg/Kg-dry	1	2/20/02
Carbon disulfide	ND	0.015		mg/Kg-dry	1	2/20/02
Carbon tetrachloride	ND	0.015		mg/Kg-dry	1	2/20/02
Chlorobenzene	ND	0.015		mg/Kg-dry	1	2/20/02
Chloroethane	ND	0.029		mg/Kg-dry	1	2/20/02
Chloroform	ND	0.015		mg/Kg-dry	1	2/20/02
Chloromethane	ND	0.015		mg/Kg-dry	1	2/20/02
Dibromochloromethane	ND	0.015		mg/Kg-dry	1	2/20/02
1,1-Dichloroethane	ND	0.015		mg/Kg-dry	1	2/20/02
1,2-Dichloroethane	ND	0.015		mg/Kg-dry	1	2/20/02
1,1-Dichloroethene	ND	0.015		mg/Kg-dry	1	2/20/02
cis-1,2-Dichloroethene	ND	0.015		mg/Kg-dry	1	2/20/02
trans-1,2-Dichloroethene	ND	0.015		mg/Kg-dry	1	2/20/02
1,2-Dichloropropane	ND	0.015		mg/Kg-dry	1	2/20/02
cis-1,3-Dichloropropene	ND	0.015		mg/Kg-dry	1	2/20/02
trans-1,3-Dichloropropene	ND	0.015		mg/Kg-dry	1	2/20/02
Ethylbenzene	ND	0.015		mg/Kg-dry	1	2/20/02
2-Hexanone	ND	0.029		mg/Kg-dry	1	2/20/02

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Client: Burns & McDonnell
Lab Order: 0202075
Project: 28020, Willow Street Station
Lab ID: 0202075-018

Client Sample ID: WSS SP40 001
Collection Date: 2/12/02 2:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		**SW5035/8260B**		Prep Date: **2/13/02**		Analyst: **PS**
4-Methyl-2-pentanone	ND	0.029		mg/Kg-dry	1	2/20/02
Methylene chloride	ND	0.029		mg/Kg-dry	1	2/20/02
Styrene	ND	0.015		mg/Kg-dry	1	2/20/02
1,1,2,2-Tetrachloroethane	ND	0.015		mg/Kg-dry	1	2/20/02
Tetrachloroethene	ND	0.015		mg/Kg-dry	1	2/20/02
Toluene	ND	0.015		mg/Kg-dry	1	2/20/02
1,1,1-Trichloroethane	ND	0.015		mg/Kg-dry	1	2/20/02
1,1,2-Trichloroethane	ND	0.015		mg/Kg-dry	1	2/20/02
Trichloroethene	ND	0.015		mg/Kg-dry	1	2/20/02
Vinyl chloride	ND	0.029		mg/Kg-dry	1	2/20/02
m,p-Xylene	ND	0.015		mg/Kg-dry	1	2/20/02
o-Xylene	ND	0.015		mg/Kg-dry	1	2/20/02
Cyanide, Total		**SW9012A**		Prep Date: **2/18/02**		Analyst: **YZ**
Cyanide	ND	0.27		mg/Kg-dry	1	2/20/02
Percent Moisture		**D2216**		Prep Date: **2/18/02**		Analyst: **MH**
Percent Moisture	14.48	0.01		wt%	1	2/19/02

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ENVIRONMENTAL
MONITORING AND
TECHNOLOGIES, INC.

8100 North Austin Avenue • Morton Grove, IL 60053-3203
847.967.6666 • 800.246.0663 • fax: 847.967.6735 • www.emt.com

Mike Slattery
Free Flow Technologies, Ltd.
810 East State Street
Suite 300
Rockford, IL 611041001

March 26, 2004

RE: General Iron / 141.04

Lab Orders:
04030644

Dear Mr. Tim Danzer:

Enclosed are the analytical reports for the EMT Lab Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me at 847-967-6666 x 1322, 847-324-3322 (direct line), or e-mail at apriddy@emt.com.

Sincerely,

Arminta P. Priddy

Arminta Priddy
Project Manager

Approved by,

Mitchell Ostrowski

Mitchell Ostrowski
Laboratory Director

The Contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety.

State of Illinois Chemical Analysis in Drinking Water Accredited Lab. No. 100256
State of Wisconsin Wastewater and Hazardous Waste No. 999888390

environmental laboratory and testing services
| water | soil | air | product | waste |

ACCREDITED IN ACCORDANCE WITH
No. 100256

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TECHNOLOGIES, INC.

8100 North Austin Avenue • Morton Grove, IL 60053-3203
847.967.6666 • 800.246.0663 • fax: 847.967.6735 • www.emt.com

CLIENT: Free Flow Technologies, Ltd.

Date: *26-Mar-04*

Project: General Iron / 141.04

CASE NARRATIVE

Lab Order: 04030644

Unless otherwise noted, samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

Unless otherwise noted, all method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Sample results relate only to the analytes of interest tested and to the sample received at the laboratory.

All results are reported on a wet weight basis, unless otherwise noted. Dry weight adjusted results are indicated by the notation "dry" in the Units column.

Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For specific information regarding EMT's scope of accreditation, please contact your EMT project manager.

The Reporting Limit listed on the Report of Laboratory Analysis is EMT's reporting limit for the analyte reported. For most test methods this reporting limit is primarily based upon the lowest point in the calibration curve.

Method References:

SW=USEPA, Test Methods for Evaluating Solid Waste, SW-846.

E=USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, 40 CFR Part 136, App A; methods for the Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water.

SM= APHA, Standard Methods for the Examination of Water and Wastewater.

D=ASTM, Annual Book of Standards

environmental laboratory and testing services
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847.967.6666 • 800.246.0663 • fax: 847.967.6735 • www.emt.com

Report of Laboratory Analysis

CLIENT: Free Flow Technologies, Ltd.
Project: General Iron / 141.04 **Report Date:** 3/26/2004
Lab Order: 04030644

Client Sample ID: WC-01 **Collection Date:** 3/23/2004
Lab ID: 04030644-01 **Matrix:** Soil

Analyses	Result	EMT Reporting Limit	Qual	Units	Date Analyzed	Batch	Analyst
ICP Metals, TCLP Extracted		**Method: SW6010B / SW3015**					
Chromium	< 0.2	0.2		mg/L	3/25/04	18038	ES
Lead	0.206	0.2		mg/L	3/25/04	18038	ES

Qualifiers:
B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

environmental laboratory and testing services
| water | soil | air | product | waste |
ACCREDITED IN ACCORDANCE WITH No. 100256

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203

847-967-6666
FAX: 847-967-6735
www.emt.com

Chain of Custody Record

TURNARAOUN... ...ME:
☑ RUSH
_____ day turnaround
☐ ROUTINE

Due Date: 3-26-04 COC #: ____

Company: Free Flow Tech Ltd
Address: 810 E State St. Suite 300
Rockford IL 61104

Phone #: (815) 962-1467 Fax #: (815) 962-1516
P.O. #: 141.04 Proj. #: -141.04
Client Contact: Tim Daniel
Project ID / Location: General IBA

Sample Type: 1. Waste Water 2. Drinking Water 3. Soil 4. Sludge 5. Oil 6. Groundwater 7. Groundwater (filtered) 8. Other

Container Type: P - Plastic G - Glass V - VOC Vial B - Tedlar Bag O - Other

Preservative: 1. None 2. H_2SO_4 3. HNO_3 4. NaOH 5. HCl 6. MeOH 7. Zn Ace 8. Other

Analyses

Sample I.D.	Sample Type	Container Size	Container Type	Container No.	Sampling By	Sampling Date	Sampling Time	pH	Temp.	Preservation Field	Preservation Lab	TCLP Lead	TCLP Chromium
WC-01	Soil	4oz	GL	1	TAD	3/23/04	1130	—	—	—		X	X

Relinquished By:	Date / Time	Received By:	Date / Time
[signature]	Date: 3-23-04 Time: 13:20		Date: - - Time: :
	Date: - - Time: :		Date: - - Time: :
	Date: - - Time: :	Received For Lab By: Araminta P. Paidy	Date: 3-23-04 Time: 13:20

EMT USE ONLY
... Code: RPT
... Metals

☒ SAMPLE RECEIVED ON ICE
☐ TEMPERATURE ...

SPECIAL INSTRUCTIONS:

Mike Slattery
Free Flow Technologies, Ltd.
810 East State Street
Suite 300
Rockford, IL 611041001

March 26, 2004

RE: General Iron / 141.04

Lab Orders:
04030644

Dear Mr. Tim Danzer:

Enclosed are the analytical reports for the EMT Lab Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me at 847-967-6666 x 1322, 847-324-3322 (direct line), or e-mail at apriddy@emt.com.

Sincerely,

Approved by,

Arminta Priddy
Project Manager

Mitchell Ostrowski
Laboratory Director

The Contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety.

State of Illinois Chemical Analysis in Drinking Water Accredited Lab. No. 100256
State of Wisconsin Wastewater and Hazardous Waste No. 999888890

CLIENT: Free Flow Technologies, Ltd.

Project: General Iron / 141.04

Lab Order: 04030644

Date: *26-Mar-04*

CASE NARRATIVE

Unless otherwise noted, samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

Unless otherwise noted, all method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Sample results relate only to the analytes of interest tested and to the sample received at the laboratory.

All results are reported on a wet weight basis, unless otherwise noted. Dry weight adjusted results are indicated by the notation "dry" in the Units column.

Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For specific information regarding EMT's scope of accreditation, please contact your EMT project manager.

The Reporting Limit listed on the Report of Laboratory Analysis is EMT's reporting limit for the analyte reported. For most test methods this reporting limit is primarily based upon the lowest point in the calibration curve.

Method References:

SW=USEPA, Test Methods for Evaluating Solid Waste, SW-846.

E=USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, 40 CFR Part 136, App A; methods for the Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water.

SM= APHA, Standard Methods for the Examination of Water and Wastewater.

D=ASTM, Annual Book of Standards

Report of Laboratory Analysis

CLIENT: Free Flow Technologies, Ltd.
Project: General Iron / 141.04 **Report Date:** 3/26/2004
Lab Order: 04030644

Client Sample ID: WC-01 **Collection Date:** 3/23/2004
Lab ID: 04030644-01 **Matrix:** Soil

Analyses	Result	EMT Reporting Limit	Qual	Units	Date Analyzed	Batch	Analyst
ICP Metals, TCLP Extracted		**Method: SW6010B / SW3015**					
Chromium	< 0.2	0.2		mg/L	3/25/04	18038	ES
Lead	0.206	0.2		mg/L	3/25/04	18038	ES

Qualifiers:
B - Analyte detected in the associated Method Blank
E - Estimated
H - Holding Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

APPENDIX D

GREAT
LAKES
ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

07 May 2004

Tim Danzer
Free Flow Technologies, Ltd. - Rockford
810 E. State St. Suite 300
Rockford, IL 61104
RE: General Iron

Enclosed are the results of analyses for samples received by the laboratory on 04/28/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Great Lakes Analytical

Andy Johnson

Andy Johnson
Project Manager

RECEIVED
MAY 11 2004

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

..ree Flow Technologies, Ltd. - Rockford	Project: General Iron	
810 E. State St. Suite 300	Project Number: 141.04	**Reported:**
Rockford, IL 61104	Project Manager: Tim Danzer	05/07/04 11:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A2	B404544-01	Soil	04/28/04 13:10	04/28/04 15:45
A3	B404544-02	Soil	04/28/04 13:15	04/28/04 15:45
A4	B404544-03	Soil	04/28/04 13:20	04/28/04 15:45
B1	B404544-04	Soil	04/28/04 13:25	04/28/04 15:45
B2	B404544-05	Soil	04/28/04 13:30	04/28/04 15:45
B3	B404544-06	Soil	04/28/04 13:35	04/28/04 15:45
B4	B404544-07	Soil	04/28/04 13:40	04/28/04 15:45
B5	B404544-08	Soil	04/28/04 13:45	04/28/04 15:45
C1	B404544-09	Soil	04/28/04 13:50	04/28/04 15:45
C2	B404544-10	Soil	04/28/04 13:55	04/28/04 15:45
C3	B404544-11	Soil	04/28/04 14:00	04/28/04 15:45
C4	B404544-12	Soil	04/28/04 14:05	04/28/04 15:45
C5	B404544-13	Soil	04/28/04 14:10	04/28/04 15:45
	B404544-14	Soil	04/28/04 14:15	04/28/04 15:45
D2	B404544-15	Soil	04/28/04 14:20	04/28/04 15:45
D3	B404544-16	Soil	04/28/04 14:25	04/28/04 15:45
D4	B404544-17	Soil	04/28/04 14:30	04/28/04 15:45
D5	B404544-18	Soil	04/28/04 14:35	04/28/04 15:45
E2	B404544-19	Soil	04/28/04 14:40	04/28/04 15:45
E3	B404544-20	Soil	04/28/04 14:45	04/28/04 15:45
E4	B404544-21	Soil	04/28/04 14:50	04/28/04 15:45

..eat Lakes Analytical--Buffalo Grove

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Andy Johnson

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Free Flow Technologies, Ltd. - Rockford 810 E. State St. Suite 300 Rockford, IL 61104	Project: General Iron Project Number: 141.04 Project Manager: Tim Danzer	Reported: 05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A2 (B404544-01) Soil Sampled: 04/28/04 13:10 Received: 04/28/04 15:45									QC
PCB-1016	ND	26.2	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	26.2	"	"	"	"	"	"	
PCB-1232	ND	26.2	"	"	"	"	"	"	
PCB-1242	ND	26.2	"	"	"	"	"	"	
PCB-1248	**10800**	2620	"	100	"	"	05/05/04	"	
PCB-1254	ND	26.2	"	1	"	"	05/03/04	"	
PCB-1260	ND	26.2	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*33.9 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*118 %*	*10-116*		"	"	"	"	H
A3 (B404544-02) Soil Sampled: 04/28/04 13:15 Received: 04/28/04 15:45									QC
PCB-1016	ND	25.6	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	25.6	"	"	"	"	"	"	
PCB-1232	ND	25.6	"	"	"	"	"	"	
PCB-1242	ND	25.6	"	"	"	"	"	"	
-1248	**8600**	2560	"	100	"	"	05/05/04	"	
PCB-1254	ND	25.6	"	1	"	"	05/03/04	"	
PCB-1260	ND	25.6	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*31.4 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*51.8 %*	*10-116*		"	"	"	"	
A4 (B404544-03) Soil Sampled: 04/28/04 13:20 Received: 04/28/04 15:45									QC
PCB-1016	ND	25.0	ug/kg wet	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	25.0	"	"	"	"	"	"	
PCB-1232	ND	25.0	"	"	"	"	"	"	
PCB-1242	ND	25.0	"	"	"	"	"	"	
PCB-1248	**8410**	2500	"	100	"	"	05/05/04	"	
PCB-1254	ND	25.0	"	1	"	"	05/03/04	"	
PCB-1260	ND	25.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*29.4 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*57.7 %*	*10-116*		"	"	"	"	

Great Lakes Analytical--Buffalo Grove

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Andy Johnson

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
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Email: info@glalabs.com
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ree Flow Technologies, Ltd. - Rockford	Project: General Iron	
810 E. State St. Suite 300	Project Number: 141.04	Reported:
Rockford, IL 61104	Project Manager: Tim Danzer	05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1 (B404544-04) Soil Sampled: 04/28/04 13:25 Received: 04/28/04 15:45									QC
PCB-1016	ND	25.8	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	25.8	"	"	"	"	"	"	
PCB-1232	ND	25.8	"	"	"	"	"	"	
PCB-1242	ND	25.8	"	"	"	"	"	"	
PCB-1248	**4630**	2580	"	100	"	"	05/05/04	"	
PCB-1254	ND	25.8	"	1	"	"	05/03/04	"	
PCB-1260	ND	25.8	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*29.5 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*58.1 %*	*10-116*		"	"	"	"	
B2 (B404544-05) Soil Sampled: 04/28/04 13:30 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.9	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	29.9	"	"	"	"	"	"	
PCB-1232	ND	29.9	"	"	"	"	"	"	
PCB-1242	ND	29.9	"	"	"	"	"	"	
PCB-1248	ND	29.9	"	"	"	"	"	"	
PCB-1254	ND	29.9	"	"	"	"	"	"	
PCB-1260	ND	29.9	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*66.3 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*34.2 %*	*10-116*		"	"	"	"	
B3 (B404544-06) Soil Sampled: 04/28/04 13:35 Received: 04/28/04 15:45									QC
PCB-1016	ND	30.0	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	30.0	"	"	"	"	"	"	
PCB-1232	ND	30.0	"	"	"	"	"	"	
PCB-1242	ND	30.0	"	"	"	"	"	"	
PCB-1248	ND	30.0	"	"	"	"	"	"	
PCB-1254	ND	30.0	"	"	"	"	"	"	
PCB-1260	ND	30.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*72.3 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*46.7 %*	*10-116*		"	"	"	"	

at Lakes Analytical--Buffalo Grove

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Andy Johnson

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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Buffalo Grove, Illinois 60089
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ee Flow Technologies, Ltd. - Rockford
810 E. State St. Suite 300
Rockford, IL 61104

Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4 (B404544-07) Soil Sampled: 04/28/04 13:40 Received: 04/28/04 15:45									QC
PCB-1016	ND	28.7	ug/kg dry	1	4040720	04/29/04	05/03/04	EPA 8082	
PCB-1221	ND	28.7	"	"	"	"	"	"	
PCB-1232	ND	28.7	"	"	"	"	"	"	
PCB-1242	ND	28.7	"	"	"	"	"	"	
PCB-1248	ND	28.7	"	"	"	"	"	"	
PCB-1254	ND	28.7	"	"	"	"	"	"	
PCB-1260	ND	28.7	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.1 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*42.6 %*	*10-116*		"	"	"	"	
B5 (B404544-08) Soil Sampled: 04/28/04 13:45 Received: 04/28/04 15:45									QC
PCB-1016	ND	25.5	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	25.5	"	"	"	"	"	"	
PCB-1232	ND	25.5	"	"	"	"	"	"	
PCB-1242	ND	25.5	"	"	"	"	"	"	
PCB-1248	**6370**	2550	"	100	"	"	05/05/04	"	
-1254	ND	25.5	"	1	"	"	05/04/04	"	
PCB-1260	ND	25.5	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*41.9 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*43.8 %*	*10-116*		"	"	"	"	
C1 (B404544-09) Soil Sampled: 04/28/04 13:50 Received: 04/28/04 15:45									QC
PCB-1016	ND	26.2	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	26.2	"	"	"	"	"	"	
PCB-1232	ND	26.2	"	"	"	"	"	"	
PCB-1242	ND	26.2	"	"	"	"	"	"	
PCB-1248	**4090**	2620	"	100	"	"	05/05/04	"	
PCB-1254	ND	26.2	"	1	"	"	05/04/04	"	
PCB-1260	ND	26.2	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.1 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*64.6 %*	*10-116*		"	"	"	"	

t Lakes Analytical--Buffalo Grove

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Andy Johnson

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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Buffalo Grove, Illinois 60089

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.ee Flow Technologies, Ltd. - Rockford
810 E. State St. Suite 300
Rockford, IL 61104

Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C2 (B404544-10) Soil Sampled: 04/28/04 13:55 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.3	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	29.3	"	"	"	"	"	"	
PCB-1232	ND	29.3	"	"	"	"	"	"	
PCB-1242	ND	29.3	"	"	"	"	"	"	
PCB-1248	ND	29.3	"	"	"	"	"	"	
PCB-1254	ND	29.3	"	"	"	"	"	"	
PCB-1260	ND	29.3	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*66.0 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*41.2 %*	*10-116*		"	"	"	"	
C3 (B404544-11) Soil Sampled: 04/28/04 14:00 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.4	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	29.4	"	"	"	"	"	"	
PCB-1232	ND	29.4	"	"	"	"	"	"	
PCB-1242	ND	29.4	"	"	"	"	"	"	
`-1248	ND	29.4	"	"	"	"	"	"	
,-1254	ND	29.4	"	"	"	"	"	"	
PCB-1260	ND	29.4	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*75.5 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*43.2 %*	*10-116*		"	"	"	"	
C4 (B404544-12) Soil Sampled: 04/28/04 14:05 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.8	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	29.8	"	"	"	"	"	"	
PCB-1232	ND	29.8	"	"	"	"	"	"	
PCB-1242	ND	29.8	"	"	"	"	"	"	
PCB-1248	ND	29.8	"	"	"	"	"	"	
PCB-1254	ND	29.8	"	"	"	"	"	"	
PCB-1260	ND	29.8	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*77.5 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*43.7 %*	*10-116*		"	"	"	"	

.at Lakes Analytical--Buffalo Grove

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Andy Johnson

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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ree Flow Technologies, Ltd. - Rockford
810 E. State St. Suite 300
Rockford, IL 61104

Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C5 (B404544-13) Soil Sampled: 04/28/04 14:10 Received: 04/28/04 15:45									**QC**
PCB-1016	ND	25.8	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	25.8	"	"	"	"	"	"	
PCB-1232	ND	25.8	"	"	"	"	"	"	
PCB-1242	ND	25.8	"	"	"	"	"	"	
PCB-1248	**6430**	2580	"	100	"	"	05/05/04	"	
PCB-1254	ND	25.8	"	1	"	"	05/04/04	"	
PCB-1260	ND	25.8	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.5 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*72.8 %*	*10-116*		"	"	"	"	
D1 (B404544-14) Soil Sampled: 04/28/04 14:15 Received: 04/28/04 15:45									**QC**
PCB-1016	ND	26.2	ug/kg dry	1	4040720	04/29/04	05/04/04	EPA 8082	
PCB-1221	ND	26.2	"	"	"	"	"	"	
PCB-1232	ND	26.2	"	"	"	"	"	"	
PCB-1242	ND	26.2	"	"	"	"	"	"	
PCB-1248	**4190**	2620	"	100	"	"	05/05/04	"	
PCB-1254	ND	26.2	"	1	"	"	05/04/04	"	
PCB-1260	ND	26.2	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*42.5 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*56.1 %*	*10-116*		"	"	"	"	
D2 (B404544-15) Soil Sampled: 04/28/04 14:20 Received: 04/28/04 15:45									**QC**
PCB-1016	ND	29.2	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	29.2	"	"	"	"	"	"	
PCB-1232	ND	29.2	"	"	"	"	"	"	
PCB-1242	ND	29.2	"	"	"	"	"	"	
PCB-1248	ND	29.2	"	"	"	"	"	"	
PCB-1254	ND	29.2	"	"	"	"	"	"	
PCB-1260	ND	29.2	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.0 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*27.7 %*	*10-116*		"	"	"	"	

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..ree Flow Technologies, Ltd. - Rockford
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Rockford, IL 61104

Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D3 (B404544-16) Soil Sampled: 04/28/04 14:25 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.3	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	29.3	"	"	"	"	"	"	
PCB-1232	ND	29.3	"	"	"	"	"	"	
PCB-1242	ND	29.3	"	"	"	"	"	"	
PCB-1248	ND	29.3	"	"	"	"	"	"	
PCB-1254	ND	29.3	"	"	"	"	"	"	
PCB-1260	ND	29.3	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*54.0 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*28.6 %*	*10-116*		"	"	"	"	
D4 (B404544-17) Soil Sampled: 04/28/04 14:30 Received: 04/28/04 15:45									QC
PCB-1016	ND	29.7	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	29.7	"	"	"	"	"	"	
PCB-1232	ND	29.7	"	"	"	"	"	"	
PCB-1242	ND	29.7	"	"	"	"	"	"	
-1248	ND	29.7	"	"	"	"	"	"	
-1254	ND	29.7	"	"	"	"	"	"	
PCB-1260	ND	29.7	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.2 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*26.4 %*	*10-116*		"	"	"	"	
D5 (B404544-18) Soil Sampled: 04/28/04 14:35 Received: 04/28/04 15:45									QC
PCB-1016	ND	25.9	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	25.9	"	"	"	"	"	"	
PCB-1232	ND	25.9	"	"	"	"	"	"	
PCB-1242	ND	25.9	"	"	"	"	"	"	
PCB-1248	**4100**	2590	"	100	"	"	05/05/04	"	
PCB-1254	ND	25.9	"	1	"	"	05/04/04	"	
PCB-1260	ND	25.9	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*32.4 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*63.1 %*	*10-116*		"	"	"	"	

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Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E2 (B404544-19) Soil Sampled: 04/28/04 14:40 Received: 04/28/04 15:45									QC
PCB-1016	ND	26.2	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	26.2	"	"	"	"	"	"	
PCB-1232	ND	26.2	"	"	"	"	"	"	
PCB-1242	ND	26.2	"	"	"	"	"	"	
PCB-1248	**4530**	2620	"	100	"	"	05/05/04	"	
PCB-1254	ND	26.2	"	1	"	"	05/04/04	"	
PCB-1260	ND	26.2	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*41.1 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*71.5 %*	*10-116*		"	"	"	"	
E3 (B404544-20) Soil Sampled: 04/28/04 14:45 Received: 04/28/04 15:45									QC
PCB-1016	ND	27.0	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	27.0	"	"	"	"	"	"	
PCB-1232	ND	27.0	"	"	"	"	"	"	
PCB-1242	ND	27.0	"	"	"	"	"	"	
-1248	**2020**	1950	"	100	"	"	05/05/04	"	
-1254	ND	27.0	"	1	"	"	05/04/04	"	
PCB-1260	ND	27.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*19.8 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*109 %*	*10-116*		"	"	"	"	
E4 (B404544-21) Soil Sampled: 04/28/04 14:50 Received: 04/28/04 15:45									QC
PCB-1016	ND	26.8	ug/kg dry	1	4040736	04/30/04	05/04/04	EPA 8082	
PCB-1221	ND	26.8	"	"	"	"	"	"	
PCB-1232	ND	26.8	"	"	"	"	"	"	
PCB-1242	ND	26.8	"	"	"	"	"	"	
PCB-1248	**1950**	1930	"	100	"	"	05/05/04	"	
PCB-1254	ND	26.8	"	1	"	"	05/04/04	"	
PCB-1260	ND	26.8	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.7 %*	*10-114*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*185 %*	*10-116*		"	"	"	"	H

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Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Percent Solids

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A2 (B404544-01) Soil Sampled: 04/28/04 13:10 Received: 04/28/04 15:45									
% Solids	**95.3**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
A3 (B404544-02) Soil Sampled: 04/28/04 13:15 Received: 04/28/04 15:45									
% Solids	**97.8**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
B1 (B404544-04) Soil Sampled: 04/28/04 13:25 Received: 04/28/04 15:45									
% Solids	**97.1**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
B2 (B404544-05) Soil Sampled: 04/28/04 13:30 Received: 04/28/04 15:45									
% Solids	**83.6**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
B3 (B404544-06) Soil Sampled: 04/28/04 13:35 Received: 04/28/04 15:45									
% Solids	**83.2**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
B4 (B404544-07) Soil Sampled: 04/28/04 13:40 Received: 04/28/04 15:45									
Solids	**87.2**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
(B404544-08) Soil Sampled: 04/28/04 13:45 Received: 04/28/04 15:45									
% Solids	**97.9**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
C1 (B404544-09) Soil Sampled: 04/28/04 13:50 Received: 04/28/04 15:45									
% Solids	**95.3**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
C2 (B404544-10) Soil Sampled: 04/28/04 13:55 Received: 04/28/04 15:45									
% Solids	**85.3**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	

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Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Percent Solids

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C3 (B404544-11) Soil Sampled: 04/28/04 14:00 Received: 04/28/04 15:45									
% Solids	**85.1**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
C4 (B404544-12) Soil Sampled: 04/28/04 14:05 Received: 04/28/04 15:45									
% Solids	**84.0**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
C5 (B404544-13) Soil Sampled: 04/28/04 14:10 Received: 04/28/04 15:45									
% Solids	**97.0**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
D1 (B404544-14) Soil Sampled: 04/28/04 14:15 Received: 04/28/04 15:45									
% Solids	**95.6**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
D2 (B404544-15) Soil Sampled: 04/28/04 14:20 Received: 04/28/04 15:45									
% Solids	**85.6**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
D3 (B404544-16) Soil Sampled: 04/28/04 14:25 Received: 04/28/04 15:45									
% Solids	**85.3**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
(B404544-17) Soil Sampled: 04/28/04 14:30 Received: 04/28/04 15:45									
% Solids	**84.2**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
D5 (B404544-18) Soil Sampled: 04/28/04 14:35 Received: 04/28/04 15:45									
% Solids	**96.7**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
E2 (B404544-19) Soil Sampled: 04/28/04 14:40 Received: 04/28/04 15:45									
% Solids	**95.5**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	

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Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Percent Solids

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E3 (B404544-20) Soil Sampled: 04/28/04 14:45 Received: 04/28/04 15:45									
% Solids	**92.4**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	
E4 (B404544-21) Soil Sampled: 04/28/04 14:50 Received: 04/28/04 15:45									
% Solids	**93.3**	0.200	%	1	4050036	05/04/04	05/04/04	EPA 5035 7.5	

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ree Flow Technologies, Ltd. - Rockford	Project: General Iron	
810 E. State St. Suite 300	Project Number: 141.04	**Reported:**
Rockford, IL 61104	Project Manager: Tim Danzer	05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040720 - EPA 3550B										
Blank (4040720-BLK1)				Prepared: 04/29/04 Analyzed: 05/03/04						
PCB-1016	ND	25.0	ug/kg wet							
PCB-1221	ND	25.0	"							
PCB-1232	ND	25.0	"							
PCB-1242	ND	25.0	"							
PCB-1248	ND	25.0	"							
PCB-1254	ND	25.0	"							
PCB-1260	ND	25.0	"							
Surrogate: Tetrachloro-meta-xylene	*29.6*		"	*34.8*		*85.1*	*10-114*			
Surrogate: Decachlorobiphenyl	*27.1*		"	*34.8*		*77.9*	*10-116*			
LCS (4040720-BS1)				Prepared: 04/29/04 Analyzed: 05/03/04						
PCB-1016	158	25.0	ug/kg wet	169		93.5	10-127			
?-1260	159	25.0	"	169		94.1	10-134			
Surrogate: Tetrachloro-meta-xylene	*31.7*		"	*35.1*		*90.3*	*10-114*			
Surrogate: Decachlorobiphenyl	*34.6*		"	*35.1*		*98.6*	*10-116*			
Matrix Spike (4040720-MS1)		**Source: B404544-03**		Prepared: 04/29/04 Analyzed: 05/06/04						
PCB-1016	4800	3280	ug/kg wet	219	ND	NR	10-118			H
PCB-1260	1770	328	"	219	ND	808	10-124			H
Surrogate: Tetrachloro-meta-xylene	*14.5*		"	*45.5*		*31.9*	*10-114*			
Surrogate: Decachlorobiphenyl	*20.1*		"	*45.5*		*44.2*	*10-116*			
Matrix Spike Dup (4040720-MSD1)		**Source: B404544-03**		Prepared: 04/29/04 Analyzed: 05/06/04						
PCB-1016	4890	4110	ug/kg wet	274	ND	NR	10-118	1.86	40	H
PCB-1260	2090	411	"	274	ND	763	10-124	16.6	40	H
Surrogate: Tetrachloro-meta-xylene	*25.3*		"	*57.0*		*44.4*	*10-114*			
Surrogate: Decachlorobiphenyl	*22.3*		"	*57.0*		*39.1*	*10-116*			

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Project: General Iron
Project Number: 141.04
Project Manager: Tim Danzer

Reported:
05/07/04 11:09

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040736 - EPA 3550B										
Blank (4040736-BLK1)				Prepared: 04/30/04 Analyzed: 05/03/04						
PCB-1016	ND	25.0	ug/kg wet							
PCB-1221	ND	25.0	"							
PCB-1232	ND	25.0	"							
PCB-1242	ND	25.0	"							
PCB-1248	ND	25.0	"							
PCB-1254	ND	25.0	"							
PCB-1260	ND	25.0	"							
Surrogate: Tetrachloro-meta-xylene	*26.9*		"	*34.0*		*79.1*	*10-114*			
Surrogate: Decachlorobiphenyl	*26.4*		"	*34.0*		*77.6*	*10-116*			
LCS (4040736-BS1)				Prepared: 04/30/04 Analyzed: 05/03/04						
PCB-1016	157	25.0	ug/kg wet	168		93.5	10-127			
..-1260	159	25.0	"	168		94.6	10-134			
..urrogate: Tetrachloro-meta-xylene	*31.1*		"	*34.8*		*89.4*	*10-114*			
Surrogate: Decachlorobiphenyl	*32.8*		"	*34.8*		*94.3*	*10-116*			
Matrix Spike (4040736-MS1)		**Source: B404558-01**		Prepared: 04/30/04 Analyzed: 05/04/04						
PCB-1016	127	27.6	ug/kg dry	183	ND	69.4	10-118			
PCB-1260	125	27.6	"	183	109	8.74	10-124			L
Surrogate: Tetrachloro-meta-xylene	*24.5*		"	*38.0*		*64.5*	*10-114*			
Surrogate: Decachlorobiphenyl	*10.1*		"	*38.0*		*26.6*	*10-116*			
Matrix Spike Dup (4040736-MSD1)		**Source: B404558-01**		Prepared: 04/30/04 Analyzed: 05/04/04						
PCB-1016	152	27.6	ug/kg dry	185	ND	82.2	10-118	17.9	40	
PCB-1260	147	27.6	"	185	109	20.5	10-124	16.2	40	
Surrogate: Tetrachloro-meta-xylene	*23.8*		"	*38.5*		*61.8*	*10-114*			
Surrogate: Decachlorobiphenyl	*9.43*		"	*38.5*		*24.5*	*10-116*			

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..ee Flow Technologies, Ltd. - Rockford 810 E. State St. Suite 300 Rockford, IL 61104	Project: General Iron Project Number: 141.04 Project Manager: Tim Danzer	**Reported:** 05/07/04 11:09

Percent Solids - Quality Control

Great Lakes Analytical--Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4050036 - General Prep										
Blank (4050036-BLK1)				Prepared & Analyzed: 05/04/04						
% Solids	ND	0.200	%							
Blank (4050036-BLK2)				Prepared & Analyzed: 05/04/04						
% Solids	ND	0.200	%							
Blank (4050036-BLK3)				Prepared & Analyzed: 05/04/04						
% Solids	ND	0.200	%							
Duplicate (4050036-DUP1)		**Source: B404562-01**		Prepared & Analyzed: 05/04/04						
% Solids	97.0	0.200	%		96.8			0.206	20	
Duplicate (4050036-DUP2)		**Source: B404562-02**		Prepared & Analyzed: 05/04/04						
% Solids	98.5	0.200	%		98.5			0.00	20	
..licate (4050036-DUP3)		**Source: B404562-03**		Prepared & Analyzed: 05/04/04						
..lids	96.8	0.200	%		96.5			0.310	20	

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Notes and Definitions

QC	The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
L	This quality control measurement is below the laboratory established limit.
H	This quality control measurement is above the laboratory established limit.

Great Lakes Analytical--Buffalo Grove Wisconsin DNR Certification Lab ID: 999917160

Great Lakes Analytical--Buffalo Grove NELAP Primary Accreditation: Illinois #100261

Great Lakes Analytical--Buffalo Grove NELAP Secondary Accreditation: New Jersey #IL001

Great Lakes Analytical--Oak Creek, WI Wisconsin DNR Certification Lab ID: 341000330

..eat Lakes Analytical--Oak Creek, WI NELAP Primary Accreditation: Illinois #100307

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

GREAT LAKES ANALYTICAL
1555 Busch Parkway
Buffalo Grove, IL 60089-4505
(847) 808-7766
FAX (847) 808-7772
140 E. Ryan Road
Oak Creek, WI 53154
(414) 570-9460
FAX (414) 570-9461

CHAIN OF CUSTODY REPORT

Client: Free Flow Technologies, Ltd
Address: 810 E. State St, Suite 300
Rockford, IL 61104
Report to: Tim Danzer
E-mail: TDANZER@FREEFLOWTECH
Phone #: (815) 962-1467
Fax #: (815) 962-
Project Name: General Iron
Project #/PO#: 141.04
Sampler: Tim DANZER

Bill To: SAME
Address:
State & Program: IL / TSCA
Phone #: ( )
Fax #: ( )

TAT: STD. 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
☒ YES - TAT is critical
☐ NO - TAT is not critical
DATE RESULTS NEEDED:
Received: ☐ ice ☐ ambient ☐ refrigerator
Temp. Upon Receipt: 3°C
Deliverable Package: ☒ STD ☐ Other
Delivery Method: GLA ☐ Client ☒ Shipped ☐ Courier ☐

#	FIELD ID, LOCATION	PID:	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	MeOH	NaHSO4	HCl	HNO3	H2SO4	NaOH	NONE	TOTAL # OF BOTTLES	DO NOT DRY-WEIGHT CORRECT RESULTS	SAMPLES FIELD FILTERED ☐YES ☐NO	PCBs 8082								CRACKED-BROKEN	IMPROPERLY SEALED	LABORATORY ID NUMBER
1	A2		4/28/04	1310	S							1	1			X										B404544-01
2	A3		4/28/04	1315	S							1	1			X										02
3	A4		4/28/04	1320	S							1	1			X										03
4	B1		4/28/04	1325	S							1	1			X										04
5	B2		4/28/04	1330	S							1	1			X										05
6	B3		4/28/04	1335	S							1	1			X										06
7	B4		4/28/04	1340	S							1	1			X										07
8	B5		4/28/04	1345	S							1	1			X										08
9	C1		4/28/04	1350	S							1	1			X										09
10	C2		4/28/04	1355	S							1	1			X										10

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
4/28/04 1545	4/28/04 1545 C. Michaels	DATE / TIME	DATE / TIME
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
DATE / TIME	DATE / TIME	DATE / TIME	DATE / TIME

COMMENTS:

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Report to: Tim Danzer
E-mail:
Phone #: (815) 962-1467
Fax #: ( )

Bill To: Same
Address:
State & Program: IL / TSCA
Phone #: ( )
Fax #: ( )

TAT: STD. 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
☐ YES - TAT is critical
☐ NO - TAT is not critical
DATE RESULTS NEEDED:
Received: ☒ ice ☐ ambient ☐ refrigerator
Temp. Upon Receipt: 8
Deliverable Package: ☒ STD ☐ Other
Delivery Method: GLA ☐ Client ☒ Shipped ☐ Courier ☐

Project Name: General Iron
Project #/PO#: 141.04
Sampler: Tim Danzer

	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used: MeOH	NaHSO4	HCl	HNO3	H2SO4	NaOH	NONE	TOTAL # OF BOTTLES	DO NOT DRY-WEIGHT CORRECT RESULTS	SAMPLES FIELD FILTERED ☐ YES ☐ NO	PCB 8082	ANALYSIS TYPE							SAMPLE CONTROL: CRACKED-BROKEN	IMPROPERLY SEALED	LABORATORY ID NUMBER
1	C3 PID:	4/28/04	1400	S							1	1			X										B404544-11
2	C4 PID:	4/28/04	1405	S							1	1			X										-12
3	C5 PID:	4/28/04	1410	S							1	1			X										-13
4	D1 PID:	4/28/04	1415	S							1	1			X										-14
5	D2 PID:	4/28/04	1420	S							1	1			X										-15
6	D3 PID:	4/28/04	1425	S							1	1			X										-16
7	D4 PID:	4/28/04	1430	S							1	1			X										-17
8	D5 PID:	4/28/04	1435	S							1	1			X										-18
9	E2 PID:	4/28/04	1440	S							1	1			X										-19
10	E3 PID:	4/28/04	1445	S							1	1			X										-20

RELINQUISHED	DATE / TIME	RECEIVED	DATE / TIME	RELINQUISHED	DATE / TIME	RECEIVED	DATE / TIME
[signature]	4/28/04 1545	C. Michaels	4/28/04 1545				
RELINQUISHED	DATE / TIME	RECEIVED	DATE / TIME	RELINQUISHED	DATE / TIME	RECEIVED	DATE / TIME

COMMENTS:

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Oak Cr[illegible] WI 53154
(414, [illegible]0-9460
FAX (414) 570-9461

CHAIN OF CUSTODY REPORT

Client: Free Flow Technologies, Ltd.
Address: 810 E. State St., Suite 300
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Report to: Tim Dunzer
E-mail:
Phone #: (815) 562-1467
Fax #: ( )

Bill To: Same
Address:
State & Program: IL / TSCA
Phone #: ( )
Fax #: ( )

TAT: (STD.) 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
☐ YES - TAT is critical
☑ NO - TAT is not critical
DATE RESULTS NEEDED:
Received: ☑ ice ☐ ambient ☐ refrigerator
Temp. Upon Receipt: 8.0
Deliverable Package: ☑ STD ☐ Other
Delivery Method: GLA ☐ Client ☑ Shipped ☐ Courier ☐

Project Name: General Iron
Project #/PO#: 141.04
Sampler: Tim Dunzer

	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used: MeOH	NaHSO4	HCl	HNO3	H2SO4	NaOH	NONE	TOTAL # OF BOTTLES	DO NOT DRY-WEIGHT CORRECT RESULTS	SAMPLES FIELD FILTERED ☐YES ☐NO	PCBs 8082	ANALYSIS TYPE						SAMPLE CONTROL: CRACKED-BROKEN	IMPROPERLY SEALED	LABORATORY ID NUMBER
1	E4	4/28/04	1450	S							1	1			X									B404544-21
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
[signature] DATE 4/28/04 TIME 1545	[signature] DATE 4/28/04 TIME 1545	DATE TIME	DATE TIME
RELINQUISHED DATE TIME	RECEIVED DATE TIME	RELINQUISHED DATE TIME	RECEIVED DATE TIME

COMMENTS: