314354

**Prepared Under Contract to**

**The Peoples Gas Light and Coke Company**

# The Rogers Park Sub-Shop
# Pond Parcel

## Site Investigation
## Sampling Data

**Prepared September 2001**

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**2601 West 22nd Street**
**Oak Brook, Illinois 60523**

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Analytical Results Summary Tables

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel

**Table 1**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB21-001 | RPM-SB21-002 | RPM-SB21-003 | RPM-SB21-004 | RPM-SB22-001 |
| | 0-1' | 1-2' | 2-3' | 8-10' | 0-0.5' |
| | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ 7' |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.006 |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.033 |
| Acenaphthylene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.710 |
| Anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.223 |
| Benzo[a]anthracene | 0.040 | 0.025 U | 0.025 U | 0.025 U | 0.663 |
| Benzo[b]fluoranthene | 0.030 | 0.025 U | 0.025 U | 0.025 U | 0.435 |
| Benzo[k]fluoranthene | 0.030 | 0.025 U | 0.025 U | 0.025 U | 0.161 |
| Benzo[g,h,i]perylene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.277 |
| Benzo[a]pyrene | 0.030 | 0.025 U | 0.025 U | 0.025 U | 0.271 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB21-01 0-1' | RPM-SB21-002 1-2' | RPM-SB21-003 2-3' | RPM-SB21-004 8-10' | RPM-SB22-001 0-0.5' |
| | WT~NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ 7' |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.054 | 0.025 U | 0.025 U | 0.025 U | 1.37 |
| Dibenz[a,h]anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.281 |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 0.072 | 0.025 U | 0.025 U | 0.025 U | 1.19 |
| Fluorene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.176 |
| Hexachlorobenzene | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.267 |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.033 | 0.025 U | 0.025 U | 0.025 U | 0.431 |
| Pyrene | 0.070 | 0.025 U | 0.025 U | 0.025 U | 1.32 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 7.58 | 16.50 | 9.89 | 6.71 | 5.13 |
| Barium | 364 | 85.10 | 67.00 | 71.40 | 392 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 0.617 | 0.50 U | 0.50 U | 0.50 U | 1.36 |
| Chromium | 32.9 | 31.90 | 29.20 | 28.90 | 49.5 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 678.0 | 21.70 | 20.30 | 16.00 | 3,220 |
| Mercury | 0.069 | 0.04 U | 0.04 U | 0.04 U | 0.095 |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.00 U | 1.00 U | 1.00 U | 1.00 U | 1.00 U |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | 0.074 | NA | NA | NA | 0.093 |
| SPLP Chromium | NA | 0.014 | NA | 0.005 U | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB22-002 | RPM-SB22-003 | RPM-SB22-004 | RPM-SB22-005 | RPM-SB23-001 |
| | 0.5-1' | 1-2' | 2-3' | 5-7' | 0-0.5' |
| Compound/Analyte | WT ~ 7' | WT ~ 7' | WT ~ 7' | WT ~ 7' | WT ~ NE |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.002 U | 0.002 | 0.002 | 0.002 U | 0.002 |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Acenaphthylene | 0.160 | 0.372 | 0.025 U | 0.025 U | 0.025 U |
| Anthracene | 0.047 | 0.113 | 0.025 U | 0.025 U | 0.039 |
| Benzo[a]anthracene | 0.125 | 0.274 | 0.027 | 0.025 U | 0.143 |
| Benzo[b]fluoranthene | 0.089 | 0.230 | 0.025 U | 0.025 U | 0.100 |
| Benzo[k]fluoranthene | 0.094 | 0.233 | 0.025 U | 0.025 U | 0.122 |
| Benzo[g,h,i]perylene | 0.072 | 0.150 | 0.025 U | 0.025 U | 0.094 |
| Benzo[a]pyrene | 0.240 | 0.268 | 0.025 U | 0.025 U | 0.104 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB22-002 | RPM-SB22-003 | RPM-SB22-004 | RPM-SB22-005 | RPM-SB23-001 |
| | 0.5-1' | 1-2' | 2-3' | 5-7' | 0-0.5' |
| | WT ~ 7' | WT ~ 7' | WT ~ 7' | WT ~ 7' | WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.239 | 0.500 | 0.034 | 0.025 U | 0.157 |
| Dibenzo[a,h]anthracene | 0.025 U | 0.065 | 0.025 U | 0.025 U | 0.030 |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 0.145 | 0.413 | 0.025 U | 0.025 U | 0.275 |
| Fluorene | 0.025 U | 0.090 | 0.025 U | 0.025 U | 0.025 U |
| Hexachlorobenzene | NA | | | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.025 U | 0.152 | 0.025 U | 0.025 U | 0.025 U |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.090 | 0.311 | 0.025 U | 0.025 U | 0.150 |
| Pyrene | 0.026 | 0.593 | 0.034 | 0.025 U | 0.228 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 4.51 | 4.51 | 6.54 | 12.30 | 7.18 |
| Barium | 184 | 82.3 | 83.80 | 60.10 | 126 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 1.74 | 1.01 | 0.50 U | 0.50 U | 0.500 U |
| Chromium | 21.3 | 20.1 | 27.30 | 25.70 | 22.5 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 7,230 | 950 | 30.40 | 19.40 | 42.0 |
| Mercury | 0.040 U | 0.04 U | 0.04 U | 0.04 U | 0.043 |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.00 U | 1.00 U | 1.00 U | 1.00 U | 1.00 U |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | 0.005 | 0.031 | NA | NA | 0.005 |
| SPLP Chromium | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB23-002 | RPM-SB23-003 | RPM-SB23-004 | RPM-SB23-005 | RPM-SB24-001 |
| | 0.5-1' | 1-2' | 2-3' | 8-10' | 0.5-1' |
| Compound/Analyte | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ 10' |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.002 | 0.002 U | 0.005 | 0.002 U | 0.002 U |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.005 U | 0.005 U | 0.006 | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 U | 0.005 U | 0.012 | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.005 U | 0.005 U | 0.007 | 0.005 U | 0.005 U |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Acenaphthylene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.027 |
| Benzo[a]anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.085 |
| Benzo[b]fluoranthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.053 |
| Benzo[k]fluoranthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.067 |
| Benzo[g,h,i]perylene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.036 |
| Benzo[a]pyrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.045 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB23-002 | RPM-SB23-003 | RPM-SB23-004 | RPM-SB23-005 | RPM-SB24-001 |
| | 0.5-1' | 1-2' | 2-3' | 8-10' | 0.5-1' |
| | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ 10' |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.084 |
| Dibenz[a,h]anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.175 |
| Fluorene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Hexachlorobenzene | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.040 |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.076 |
| Pyrene | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.173 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 6.44 | 5.53 | 4.58 | 10.2 | 14.600 |
| Barium | 71.3 | 46.8 | 49.9 | 65.2 | 23.100 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Chromium | 23.0 | 20.3 | 23.3 | 27.0 | 19.800 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 24.7 | 35.8 | 12.5 | 15.1 | 32.500 |
| Mercury | 0.040 U | 0.04 U | 0.04 U | 0.04 U | 0.040 U |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.00 U | 1.00 U | 1.00 U | 1.00 U | 1.040 |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | NA | NA | NA | NA | NA |
| SPLP Chromium | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB24-002 | RPM-SB24-003 | RPM-SB25-001 | RPM-SB25-002 | RPM-SB26-001 |
| | 3-4' | 5-7' | 2-3' | 5-7' | 0-1' |
| | WT ~ 10' | WT ~ 10' | WT ~ 9' | WT ~ 9' | WT ~ NE |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.007 | 0.002 | 0.002 U | 0.003 J | 0.002 U |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025U |
| Acenaphthylene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025U |
| Anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.046 |
| Benzo[a]anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.138 |
| Benzo[b]fluoranthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.054 |
| Benzo[k]fluoranthene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.054 |
| Benzo[g,h,i]perylene | 0.025 U | 0.025 U | 0.025 U | 0.025 | 0.025 U |
| Benzo[a]pyrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.060 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB24-002 3-4' | RPM-SB24-003 5-7' | RPM-SB25-001 2-3' | RPM-SB25-002 5-7' | RPM-SB26-001 0-1' |
| | WT ~ 10' | WT ~ 10' | WT ~ 9' | WT ~ 9' | WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.171 |
| Dibenz[a,h]anthracene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 0.025 U | 0.025 U | 0.034 | 0.025 U | 0.338 |
| Fluorene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Hexachlorobenzene | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.026 |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 0.159 |
| Pyrene | 0.025 U | 0.025 U | 0.040 | 0.025 U | 0.276 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 10.700 | 5.72 | 7.83 | 2.44 | 5.39 |
| Barium | 60.200 | 39.40 | 73.40 | 39.70 | 63.1 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Chromium | 27.000 | 16.70 | 26.20 | 16.80 | 17.1 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 18.7 | 16.90 | 16.70 | 14.10 | 77.7 |
| Mercury | 0.050 | 0.04 | 0.04 U | 0.04 U | 0.134 |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.000 U | 1.00 U | 1.00 U | 1.00 U | 1.00 U |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | NA | NA | NA | NA | 0.005 U |
| SPLP Chromium | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB26-002 | RPM-SB26-003 | RPM-SB27-001 | RPM-SB27-002 | RPM-SB27-003 |
| | 2-3' | 8-10' | 1-2' | 2-3' | 7-9' |
| Compound/Analyte | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.002 | 0.002 U | 0.004 | 0.002 | 0.002 U |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.072 | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Acenaphthylene | 0.264 | 0.025 U | 0.085 | 0.025 U | 0.062 |
| Anthracene | 0.260 | 0.025 U | 0.034 | 0.025 U | 0.029 |
| Benzo[a]anthracene | 0.712 | 0.025 U | 0.082 | 0.025 U | 0.057 |
| Benzo[b]fluoranthene | 0.613 | 0.025 U | 0.049 | 0.025 U | 0.034 |
| Benzo[k]fluoranthene | 0.519 | 0.025 U | 0.030 | 0.025 U | 0.027 |
| Benzo[g,h,i]perylene | 0.329 | 0.025 U | 0.025 U | 0.025 U | 0.029 |
| Benzo[a]pyrene | 1.21 | 0.025 U | 0.048 | 0.025 U | 0.036 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB26-002 | RPM-SB26-003 | RPM-SB27-001 | RPM-SB27-002 | RPM-SB27-003 |
| | 2-3' | 8-10' | 1-2' | 2-3' | 7-9' |
| | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.810 | 0.025 U | 0.122 | 0.025 U | 0.119 |
| Dibenz[a,h]anthracene | 0.088 | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 1.26 | 0.025 U | 0.172 | 0.025 U | 0.151 |
| Fluorene | 0.142 | 0.025 U | 0.025 U | 0.025 U | 0.031 |
| Hexachlorobenzene | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.054 | 0.025 U | 0.025 U | 0.025 U | 0.028 |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 | 0.025 U | 0.025 U | 0.025 U | 0.025 U |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.685 | 0.025 U | 0.098 | 0.025 U | 0.087 |
| Pyrene | 1.18 | 0.025 U | 0.157 | 0.025 U | 0.151 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 7.57 | 5.05 | 5.20 | 3.79 | 4.77 |
| Barium | 62.1 | 62.1 | 61.0 | 68.2 | 96.0 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Chromium | 18.5 | 24.7 | 15.9 | 29.6 | 25.1 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 122 | 12.5 | 281 | 18.6 | 14.0 |
| Mercury | 0.054 | 0.04 U | 0.04 | 0.04 U | 0.040 U |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.00 U | 1.00 U | 1.00 U | 1.00 U | 1.00 U |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.60 | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | 0.034 | NA | 0.014 | NA | NA |
| SPLP Chromium | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB28-001 | RPM-SB28-002 | RPM-SB28-003 | RPM-SB61-001 | RPM-SB61-002 |
| | 0-1' | 2-3' | 6-8' | 0-1' | 1-2' |
| Compound/Analyte | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | NA | NA | NA |
| Benzene | 0.007 | 0.002 U | 0.002 U | 0.003 | 0.017 |
| Bromodichloromethane | NA | NA | NA | NA | NA |
| Bromoform | NA | NA | NA | NA | NA |
| Bromomethane | NA | NA | NA | NA | NA |
| 2-Butanone | NA | NA | NA | NA | NA |
| Carbon Disulfide | NA | NA | NA | NA | NA |
| Carbon Tetrachloride | NA | NA | NA | NA | NA |
| Chlorobenzene | NA | NA | NA | NA | NA |
| Chlorodibromomethane | NA | NA | NA | NA | NA |
| Chloroethane | NA | NA | NA | NA | NA |
| Chloroform | NA | NA | NA | NA | NA |
| Chloromethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethane | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | NA | NA | NA | NA | NA |
| cis-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| trans-1,2-Dichloroethene | NA | NA | NA | NA | NA |
| 1,2-Dichloropropane | NA | NA | NA | NA | NA |
| cis-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| trans-1,3-Dichloropropene | NA | NA | NA | NA | NA |
| EthylBenzene | 0.011 | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-hexanone | NA | NA | NA | NA | NA |
| 4-methyl-2-pentanone | NA | NA | NA | NA | NA |
| Methylene Chloride | NA | NA | NA | NA | NA |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | NA | NA |
| Tetrachloroethene | NA | NA | NA | NA | NA |
| Toluene | 0.005 | 0.005 U | 0.005 U | 0.005 U | 0.005 |
| 1,1,1-Trichloroethane | NA | NA | NA | NA | NA |
| 1,1,2-Trichloroethane | NA | NA | NA | NA | NA |
| Trichloroethene | NA | NA | NA | NA | NA |
| Vinyl Acetate | NA | NA | NA | NA | NA |
| Vinyl Chloride | NA | NA | NA | NA | NA |
| Xylenes (total) | 0.050 | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | NA | NA | NA |
| 2-Chlorophenol | NA | NA | NA | NA | NA |
| 2.4-Dimethylphenol | NA | NA | NA | NA | NA |
| 2,4-Dinitrophenol | NA | NA | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | NA | NA | NA | NA | NA |
| 2-Methylphenol | NA | NA | NA | NA | NA |
| 3&4-Methylphenol | NA | NA | NA | NA | NA |
| 2-Nitrophenol | NA | NA | NA | NA | NA |
| 4-Nitrophenol | NA | NA | NA | NA | NA |
| Pentachlorophenol | NA | NA | NA | NA | NA |
| Phenol | NA | NA | NA | NA | NA |
| 2,4,5-Trichlorophenol | NA | NA | NA | NA | NA |
| 2,4,6-Trichlorophenol | NA | NA | NA | NA | NA |
| Acenaphthene | 0.025 U | 0.025 U | 0.025 U | 0.070 | 0.883 |
| Acenaphthylene | 0.126 | 0.025 U | 0.025 U | 1.060 | 8.090 |
| Anthracene | 0.072 | 0.025 U | 0.025 U | 0.351 | 2.360 |
| Benzo[a]anthracene | 0.178 | 0.025 U | 0.025 U | 0.741 | 1.320 |
| Benzo[b]fluoranthene | 0.112 | 0.025 U | 0.025 U | 0.316 | 0.809 |
| Benzo[k]fluoranthene | 0.119 | 0.025 U | 0.025 U | 0.389 | 0.607 |
| Benzo[g,h,i]perylene | 0.075 | 0.025 U | 0.025 U | 0.318 | 2.140 |
| Benzo[a]pyrene | 0.252 | 0.025 U | 0.025 U | 0.449 | 1.190 |
| Butylbenzylphalate | NA | NA | NA | NA | NA |
| bis(2-chloroethoxy)methane | NA | NA | NA | NA | NA |
| bis(2-chloroethyl) ether | NA | NA | NA | NA | NA |
| Bis(2-chloroisopropyl) ether | NA | NA | NA | NA | NA |
| Bis(2-ethylhexyl)phyhalate | NA | NA | NA | NA | NA |
| 4-bromaphenylphenylether | NA | NA | NA | NA | NA |
| Carbazole | NA | NA | NA | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB28-001 0-1' | RPM-SB28-002 2-3' | RPM-SB28-003 6-8' | RPM-SB61-001 0-1' | RPM-SB61-002 1-2' |
| | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | NA | NA | NA |
| 4-Chlorophenyl-phenylether | NA | NA | NA | NA | NA |
| 4-Chloroaniline | NA | NA | NA | NA | NA |
| Chrysene | 0.245 | 0.025 U | 0.025 U | 0.803 | 1.340 |
| Dibenz[a,h]anthracene | 0.028 | 0.025 U | 0.025 U | 0.170 | 0.792 |
| Dibenzofuran | NA | NA | NA | NA | NA |
| Di-n-butylphthalate | NA | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,3-Dichlorobenzene | NA | NA | NA | NA | NA |
| 1,4-Dichlorobenzene | NA | NA | NA | NA | NA |
| 3,3-Dichlorobenzidine | NA | NA | NA | NA | NA |
| 2,4-Dichlorophenol | NA | NA | NA | NA | NA |
| Diethylphthalate | NA | NA | NA | NA | NA |
| Dimethylphtalate | NA | NA | NA | NA | NA |
| 2,4-Dinitrotoluene | NA | NA | NA | NA | NA |
| 2,6-Dinitrotoluene | NA | NA | NA | NA | NA |
| Di-n-octylphthalate | NA | NA | NA | NA | NA |
| Fluoranthene | 0.315 | 0.025 U | 0.025 U | 1.020 | 0.951 |
| Fluorene | 0.034 | 0.025 U | 0.025 U | 0.221 | 1.950 |
| Hexachlorobenzene | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | NA | NA | NA | NA | NA |
| Hexachlorocyclopentadiene | NA | NA | NA | NA | NA |
| Hexachloroethane | NA | NA | NA | NA | NA |
| Indeno[1,2,3-cd]pyrene | 0.077 | 0.025 U | 0.025 U | 0.331 | 1.590 |
| Isophorone | NA | NA | NA | NA | NA |
| 2-Methylnaphthalene | NA | NA | NA | NA | NA |
| Naphthalene | 0.025 U | 0.025 U | 0.025 U | 0.025 U | 1.900 |
| 2-Nitroaniline | NA | NA | NA | NA | NA |
| 3-Nitroaniline | NA | NA | NA | NA | NA |
| 4-Nitroaniline | NA | NA | NA | NA | NA |
| Nitrobenzene | NA | NA | NA | NA | NA |
| N-nitrosodi-n-propylamine | NA | NA | NA | NA | NA |
| N-nitrosodimethylamine | NA | NA | NA | NA | NA |
| N-nitrosodiphenylamine | NA | NA | NA | NA | NA |
| Phenanthrene | 0.148 | 0.025 U | 0.025 U | 0.403 | 0.548 |
| Pyrene | 0.277 | 0.025 U | 0.025 U | 0.981 | 2.740 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | NA | NA | NA |
| Arsenic | 2.25 | 4.70 | 11.6 | 5.56 | 3.070 |
| Barium | 38.2 | 72.4 | 52.9 | 73.3 | 50.8 |
| Beryllium | NA | NA | NA | NA | NA |
| Cadmium | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Chromium | 8.73 | 29.1 | 29.6 | 16.60 | 14.000 |
| Copper | NA | NA | NA | NA | NA |
| Lead | 446 | 19.5 | 30.8 | 228.00 | 203.000 |
| Mercury | 0.040 U | 0.04 U | 0.04 U | 0.12 | 0.048 |
| Nickel | NA | NA | NA | NA | NA |
| Selenium | 1.00 U | 1.17 | 1.00 U | 1.00 U | 1.000 U |
| Silver | 0.500 U | 0.50 U | 0.50 U | 0.50 U | 0.500 U |
| Thallium | NA | NA | NA | NA | NA |
| Zinc | NA | NA | NA | NA | NA |
| Total Cyanide | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | 0.09 | NA | NA | NA | NA |
| SPLP Chromium | NA | 0.005 U | 0.005 | NA | NA |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB61-003 2-3' | RPM-SB61-004 4-6' | | | |
| | WT ~ NE | WT ~ NE | | | |
| TCL VOCs (mg/kg) | | | | | |
| Acetone | NA | NA | | | |
| Benzene | 26.0 | 115.0 | | | |
| Bromodichloromethane | NA | NA | | | |
| Bromoform | NA | NA | | | |
| Bromomethane | NA | NA | | | |
| 2-Butanone | NA | NA | | | |
| Carbon Disulfide | NA | NA | | | |
| Carbon Tetrachloride | NA | NA | | | |
| Chlorobenzene | NA | NA | | | |
| Chlorodibromomethane | NA | NA | | | |
| Chloroethane | NA | NA | | | |
| Chloroform | NA | NA | | | |
| Chloromethane | NA | NA | | | |
| 1,1-Dichloroethane | NA | NA | | | |
| 1,2-Dichloroethane | NA | NA | | | |
| 1,1-Dichloroethene | NA | NA | | | |
| cis-1,2-Dichloroethene | NA | NA | | | |
| trans-1,2-Dichloroethene | NA | NA | | | |
| 1,2-Dichloropropane | NA | NA | | | |
| cis-1,3-Dichloropropene | NA | NA | | | |
| trans-1,3-Dichloropropene | NA | NA | | | |
| EthylBenzene | 41.4 | 36.5 | | | |
| 2-hexanone | NA | NA | | | |
| 4-methyl-2-pentanone | NA | NA | | | |
| Methylene Chloride | NA | NA | | | |
| Styrene | 0.050 U | 4.990 | | | |
| 1,1,2,2-Tetrachloroethane | NA | NA | | | |
| Tetrachloroethene | NA | NA | | | |
| Toluene | 0.978 | 73.200 | | | |
| 1,1,1-Trichloroethane | NA | NA | | | |
| 1,1,2-Trichloroethane | NA | NA | | | |
| Trichloroethene | NA | NA | | | |
| Vinyl Acetate | NA | NA | | | |
| Vinyl Chloride | NA | NA | | | |
| Xylenes (total) | 64.100 | 72.200 | | | |
| TCL SVOCs (mg/kg) | | | | | |
| 4-Chloro-3-methylphenol | NA | NA | | | |
| 2-Chlorophenol | NA | NA | | | |
| 2.4-Dimethylphenol | NA | NA | | | |
| 2,4-Dinitrophenol | NA | NA | | | |
| 4,6-Dinitro-2-Methylphenol | NA | NA | | | |
| 2-Methylphenol | NA | NA | | | |
| 3&4-Methylphenol | NA | NA | | | |
| 2-Nitrophenol | NA | NA | | | |
| 4-Nitrophenol | NA | NA | | | |
| Pentachlorophenol | NA | NA | | | |
| Phenol | NA | NA | | | |
| 2,4,5-Trichlorophenol | NA | NA | | | |
| 2,4,6-Trichlorophenol | NA | NA | | | |
| Acenaphthene | 0.735 J | 5.150 | | | |
| Acenaphthylene | 0.769 J | 6.700 | | | |
| Anthracene | 0.649 J | 7.910 | | | |
| Benzo[a]anthracene | 0.689 J | 6.290 | | | |
| Benzo[b]fluoranthene | 0.197 J | 1.320 | | | |
| Benzo[k]fluoranthene | 0.217 J | 1.200 | | | |
| Benzo[g,h,i]perylene | 0.144 J | 0.587 | | | |
| Benzo[a]pyrene | 0.339 J | 1.780 | | | |
| Butylbenzylphalate | NA | NA | | | |
| bis(2-chloroethoxy)methane | NA | NA | | | |
| bis(2-chloroethyl) ether | NA | NA | | | |
| Bis(2-chloroisopropyl) ether | NA | NA | | | |
| Bis(2-ethylhexyl)phyhalate | NA | NA | | | |
| 4-bromaphenylphenylether | NA | NA | | | |
| Carbazole | NA | NA | | | |

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

**Table 1 (Continued)**
**Burns & McDonnell**
**Soil Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-SB61-003 2-3' | RPM-SB61-004 4-6' | | | |
| | WT ~ NE | WT ~ NE | | | |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| 2-Chloronaphthalene | NA | NA | | | |
| 4-Chlorophenyl-phenylether | NA | NA | | | |
| 4-Chloroaniline | NA | NA | | | |
| Chrysene | 0.745 J | 6.610 | | | |
| Dibenz[a,h]anthracene | 0.093 J | 0.478 | | | |
| Dibenzofuran | NA | NA | | | |
| Di-n-butylphthalate | NA | NA | | | |
| 1,2-Dichlorobenzene | NA | NA | | | |
| 1,3-Dichlorobenzene | NA | NA | | | |
| 1,4-Dichlorobenzene | NA | NA | | | |
| 3,3-Dichlorobenzidine | NA | NA | | | |
| 2,4-Dichlorophenol | NA | NA | | | |
| Diethylphthalate | NA | NA | | | |
| Dimethylphtalate | NA | NA | | | |
| 2,4-Dinitrotoluene | NA | NA | | | |
| 2,6-Dinitrotoluene | NA | NA | | | |
| Di-n-octylphthalate | NA | NA | | | |
| Fluoranthene | 0.762 J | 7.810 | | | |
| Fluorene | 1.270 J | 14.400 | | | |
| Hexachlorobenzene | NA | NA | | | |
| Hexachlorobutadiene | NA | NA | | | |
| Hexachlorocyclopentadiene | NA | NA | | | |
| Hexachloroethane | NA | NA | | | |
| Indeno[1,2,3-cd]pyrene | 0.163 J | 0.712 | | | |
| Isophorone | NA | NA | | | |
| 2-Methylnaphthalene | NA | NA | | | |
| Naphthalene | 1.380 J | 15.600 | | | |
| 2-Nitroaniline | NA | NA | | | |
| 3-Nitroaniline | NA | NA | | | |
| 4-Nitroaniline | NA | NA | | | |
| Nitrobenzene | NA | NA | | | |
| N-nitrosodi-n-propylamine | NA | NA | | | |
| N-nitrosodimethylamine | NA | NA | | | |
| N-nitrosodiphenylamine | NA | NA | | | |
| Phenanthrene | 1.740 J | 33.800 | | | |
| Pyrene | 1.510 J | 10.300 | | | |
| 1,2,4-Trichlorobenzene | NA | NA | | | |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | NA | NA | | | |
| Arsenic | 4.130 | 5.14 | | | |
| Barium | 63.1 | 48.0 | | | |
| Beryllium | NA | NA | | | |
| Cadmium | 0.500 U | 0.50 U | | | |
| Chromium | 20.200 | 20.90 | | | |
| Copper | NA | NA | | | |
| Lead | 20.7 | 13.50 | | | |
| Mercury | 0.040 U | 0.04 U | | | |
| Nickel | NA | NA | | | |
| Selenium | 1.000 U | 1.00 U | | | |
| Silver | 0.500 U | 0.50 U | | | |
| Thallium | NA | NA | | | |
| Zinc | NA | NA | | | |
| Total Cyanide | 0.25 U | 0.25 U | | | |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | NA | NA | | | |
| SPLP Chromium | NA | NA | | | |

NOTES:
(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limi
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(3) NA - Not Analyzed.
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(5) WT ~ n' - Water table approximately n feet below ground surface.

## Table 2
## Soil Physical Testing Results
## Rogers Park Pond Parcel

| | Sample Location and Depth (feet below ground surface) | | | |
|---|---|---|---|---|
| | B-12<br>8-10' | B-12<br>15-16' | B-13<br>3.5-4.5' | B-13<br>13-14' |
| pH | 9.6 | 8.4 | 8.1 | 8 |
| Moisture Content | NA | NA | NA | NA |
| Wet Soil Density ($g/cm^3$) | NA | NA | NA | NA |
| Dry Soil Density ($g/cm^3$) | NA | NA | NA | NA |
| Hydraulic Conductivity (cm/sec) | NA | NA | NA | NA |

NOTES:

*Sample taken on the Main Parcel, but is also representative of the Pond Parcel.

NA - Not Analyzed

Wet/Dry Soil Density - ASTM D2937

Hydraulic Conductivity - ASTM D5084

pH - Method 9045C

Organic Matter - ASTM 2974-87C

Moisture Content - ASTM-2216

$g/cm^3$ = grams per centimeters cubed

cm/sec = centimeters per second

## Table 2 (Continued)
## Soil Physical Testing Results
## Rogers Park Pond Parcel

| | Sample Location and Depth (feet below ground surface) | | | |
|---|---|---|---|---|
| | B-15<br>7-8' | B-15<br>11-12' | B-16<br>8-10' | B-16<br>10-12' |
| pH | 7.9 | 7.9 | 7.6 | 7.9 |
| Moisture Content | NA | NA | NA | NA |
| Wet Soil Density ($g/cm^3$) | NA | NA | NA | NA |
| Dry Soil Density ($g/cm^3$) | NA | NA | NA | NA |
| Hydraulic Conductivity (cm/sec) | NA | NA | NA | NA |

NOTES:

*Sample taken on the Main Parcel, but is also representative of the Pond Parcel.

NA - Not Analyzed

Wet/Dry Soil Density - ASTM D2937

Hydraulic Conductivity - ASTM D5084

pH - Method 9045C

Organic Matter - ASTM 2974-87C

Moisture Content - ASTM-2216

$g/cm^3$ = grams per centimeters cubed

cm/sec = centimeters per second

## Table 2 (Continued)
## Soil Physical Testing Results
## Rogers Park Pond Parcel

| | Sample Location and Depth (feet below ground surface) | | | |
|---|---|---|---|---|
| | RPM -SB39-004*<br>7-8' | RPM-SB30H-001<br>8' | | |
| pH | NA | NA | | |
| Moisture Content | 26.7% | 9.48 | | |
| Wet Soil Density ($g/cm^3$) | 2.24 | 1.32% | | |
| Dry Soil Density ($g/cm^3$) | 1.77 | 7.81% | | |
| Hydraulic Conductivity (cm/sec) | 3.00E-09 | NA | | |

NOTES:

*Sample taken on the Main Parcel, but is also representative of the Pond Parcel.

NA - Not Analyzed

Wet/Dry Soil Density - ASTM D2937

Hydraulic Conductivity - ASTM D5084

pH - Method 9045C

Organic Matter - ASTM 2974-87C

Moisture Content - ASTM-2216

$g/cm^3$ = grams per centimeters cubed

cm/sec = centimeters per second

**Table 3**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

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

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

**Table 3 (Continued)**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | | |
|---|---|---|---|---|---|---|
| | B-12 8-10' WT ~ 8' | B-13 3.5-4.5' WT ~ 8' | B-13 13-14' WT ~ 8' | B-14 6-8' WT ~ NE | B-14 Dup. 6-8' WT ~ NE | B-15 7-8' WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | | |
| Benzo(b)fluoranthene | 0.33 U | 1.22 | 0.33 U | 0.33 U | 0.33 U | 0.723 |
| Benzo(k)fluoranthene | 0.33 U | 1.09 | 0.33 U | 0.33 U | 0.33 U | 0.546 |
| Benzo(g,h,I)perylene | 0.33 U | 2.87 | 0.33 U | 0.33 U | 0.33 U | 0.496 |
| Benzo(a)pyrene | 0.33 U | 1.81 | 0.33 U | 0.33 U | 0.33 U | 0.924 |
| Butylbenzylphthalate | 0.33 U | 0.330 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| bis(2-chloroethoxy)methane | 0.33 U | 0.330 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| bis(2-chloroethyl) ether | 0.33 U | 0.330 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-chloroisopropyl)ether | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-ethylhexyl)phthalate | 0.33 U | 0.330 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-bromophenylphenylether | 0.33 U | 0.330 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Carbazole | NA | NA | NA | NA | NA | NA |
| 2-Chloronaphthalene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl-phenylether | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Chrysene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 4.45 |
| Dibenzo(a,h)anthracene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Dibenzofuran | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.617 |
| Di-n-butylphthalate | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 1,2-Dichlorobenzene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 1,3-Dichlorobenzene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 1,4-Dichlorobenzene | 0.33 UJ | 0.33 UJ | 0.33 UJ | 0.33 UJ | 0.33 UJ | 0.33 UJ |
| 3,3-Dichlorobenzidine | 0.66 U | 0.66 U | 0.66 U | 0.66 U | 0.66 U | 0.66 U |
| 2,4-Dichlorophenol | 0.33 U | 0.33 U | 0.33 U | 0.330 U | 0.33 U | 0.33 U |
| Diethylphthalate | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Dimethylphthalate | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2,4-Dinitrotoluene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2,6-Dinitrotoluene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Di-n-octylphthalate | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Fluoranthene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 6.62 |
| Fluorene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 7.51 |
| Hexachlorobenzene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Hexachlorobutadiene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Hexachlorocyclopentadiene | 0.33 U | 0.33 U | 0.33 U | 0.33 UJ | 0.33 UJ | 0.33 U |
| Hexachloroethane | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Indeno(1,2,3-cd)pyrene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Isophorone | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 13.70 |
| Naphthalene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 17.20 |
| 2-Nitroaniline | 1.60 U | 1.60 U | 1.60 U | 1.6 U | 1.60 U | 1.60 U |
| 3-Nitroaniline | 1.60 U | 1.60 U | 1.60 U | 1.6 U | 1.60 U | 1.60 U |
| 4-Nitroaniline | 1.60 U | 1.60 U | 1.60 U | 1.6 U | 1.60 U | 1.60 U |
| Nitrobenzene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| N-nitrosodi-n-propylamine | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 UJ |
| N-Nitrosodimethylamine | 0.33 UJ | 0.33 UJ | 0.33 UJ | 0.33 U | 0.33 U | 0.33 U |
| N-nitrosodiphenylamine | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Phenanthrene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 20.30 |
| Pyrene | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U | 9.31 |
| 1,2,4-Trichlorobenzene | 0.33 UJ | 0.33 UJ | 0.33 UJ | 0.330 UJ | 0.33 UJ | 0.33 UJ |
| Priority Pollutant Metals (mg/kg) | | | | | | |
| Antimony | 2.3 U | 1.9 U | 2.1 U | 2.2 U | 2 U | 1.9 U |
| Arsenic | 3 | 2.5 | 9.3 | 8.8 | 3.7 | 8.2 |
| Barium | 44.9 | 39.5 | 35.9 | 58.2 | 43.9 | 34.9 |
| Beryllium | 0.46 U | 0.47 | 0.59 | 0.72 | 0.69 | 0.53 |
| Cadmium | 0.23 U | 0.2 | 0.21 U | 0.51 | 0.44 | 0.19 U |
| Chromium | 13.8 | 12.9 | 17.2 | 20.6 | 21.7 | 16.1 |
| Copper | 17.1 | 16.7 | 35.8 | 26.4 | 29 | 25.9 |
| Lead | 10.5 | 250 | 16.3 | 12.4 | 19.4 | 12.9 |
| Mercury | 0.07 | 0.04 U | 0.04 U | 0.04 U | 0.04 U | 0.07 |
| Nickel | 16.5 | 16.7 | 36.1 | 31.7 | 29.3 | 26.3 |
| Selenium | 0.58 U | 0.47 | 0.55 | 0.91 | 0.51 | 0.49 U |
| Silver | 0.58 U | 0.47 U | 0.52 U | 0.55 U | 0.5 U | 0.49 U |
| Thallium | 1.2 U | 0.93 U | 1 U | 1.1 U | 1.2 | 0.97 U |
| Zinc | 43.1 | 3880 | 45.3 | 44 | 46.5 | 42.4 |
| Total Cyanide | NA | NA | NA | NA | NA | NA |
| SPLP Lead and Chromium (mg/L) | | | | | | |
| SPLP Lead | 0.0075 U | 0.025 | 0.0075 U | 0.0075 U | 0.0075 U | 0.0075 U |
| SPLP Chromium | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |

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

**Table 3 (Continued)**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

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

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

**Table 3 (Continued)**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

| | Sample Location and Depth (feet below ground surface)/Concentration | | | | | |
|---|---|---|---|---|---|---|
| | B-16 | B-16 | B-16 Dup. | B-18 | B-18 | SS-12 |
| | 8-10' | 10-12' | 10-12' | 6-8' | 12-14' | 0-2' |
| Compound/Analyte | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE | WT ~ NE |
| TCL SVOCs - Continued (mg/kg) | | | | | | |
| Benzo(b)fluoranthene | 0.361 | 0.33 U | NA | 1.19 | 0.33 U | 0.33 U |
| Benzo(k)fluoranthene | 0.362 | 0.33 U | NA | 1.00 | 0.33 U | 0.33 U |
| Benzo(g,h,I)perylene | 0.33 U | 0.33 U | NA | 3.09 | 0.33 U | 0.33 U |
| Benzo(a)pyrene | 0.437 | 0.33 U | NA | 1.64 | 0.33 U | 0.33 U |
| Butylbenzylphthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.330 U | 0.33 U |
| bis(2-chloroethoxy)methane | 0.33 U | 0.33 U | NA | 0.33 U | 0.330 U | 0.33 U |
| bis(2-chloroethyl) ether | 0.33 U | 0.33 U | NA | 0.33 U | 0.330 U | 0.33 U |
| Bis(2-chloroisopropyl)ether | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-ethylhexyl)phthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.330 U | 0.33 U |
| 4-bromophenylphenylether | 0.33 U | 0.33 U | NA | 0.33 U | 0.330 U | 0.33 U |
| Carbazole | NA | NA | NA | NA | NA | 0.33 U |
| 2-Chloronaphthalene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 4-Chlorophenyl-phenylether | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 UJ |
| 4-Chloroaniline | N/A | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Chrysene | 2.96 | 0.33 U | NA | 17.3 | 0.33 UJ | 0.33 U |
| Dibenzo(a,h)anthracene | 0.33 U | 0.33 U | NA | 1.80 | 0.33 UJ | 0.33 U |
| Dibenzofuran | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Di-n-butylphthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 1,2-Dichlorobenzene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 1,3-Dichlorobenzene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 1,4-Dichlorobenzene | 0.33 UJ | 0.33 UJ | NA | 0.33 UJ | 0.33 UJ | 0.33 UJ |
| 3,3-Dichlorobenzidine | 0.66 U | 0.66 U | NA | 0.66 U | 0.66 UJ | 0.66 U |
| 2,4-Dichlorophenol | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.330 U |
| Diethylphthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Dimethylphthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 2,4-Dinitrotoluene | 0.33 UJ | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 2,6-Dinitrotoluene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Di-n-octylphthalate | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Fluoranthene | 4.64 | 0.33 U | NA | 23.4 | 0.33 UJ | 0.33 U |
| Fluorene | 5.80 | 0.33 U | NA | 35.0 | 0.33 UJ | 0.33 U |
| Hexachlorobenzene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Hexachlorobutadiene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Hexachlorocyclopentadiene | 0.33 J | 0.33 UJ | NA | 0.33 UJ | 0.33 UJ | 0.33 UJ |
| Hexachloroethane | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Indeno(1,2,3-cd)pyrene | 0.33 U | 0.33 U | NA | 2.25 | 0.33 UJ | 0.33 U |
| Isophorone | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| 2-Methylnaphthalene | 0.424 J | 0.33 UJ | NA | 105 | 0.33 UJ | 0.33 U |
| Naphthalene | 0.577 | 0.33 U | NA | 107 | 0.33 UJ | 0.33 U |
| 2-Nitroaniline | 1.60 U | 1.60 U | NA | 1.6 U | 1.60 UJ | 1.6 U |
| 3-Nitroaniline | 1.60 U | 1.60 U | NA | 1.6 U | 1.60 UJ | 1.6 U |
| 4-Nitroaniline | 1.60 U | 1.60 U | NA | 1.6 U | 1.60 UJ | 1.6 U |
| Nitrobenzene | 0.33 U | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| N-nitrosodi-n-propylamine | 0.33 U | 0.33 UJ | NA | 0.33 UJ | 0.33 UJ | 0.33 UJ |
| N-Nitrosodimethelamine | 0.33 UJ | 0.33 U | NA | 0.33 U | 0.33 UJ | 0.33 U |
| N-nitrosodiphenylamine | 0.33 U | 0.33 | NA | 0.33 U | 0.33 UJ | 0.33 U |
| Phenanthrene | 17.70 | 0.33 U | NA | 90.1 | 0.33 UJ | 0.33 U |
| Pyrene | 6.58 J | 0.33 U | NA | 33.0 | 0.33 UJ | 0.33 U |
| 1,2,4-Trichlorobenzene | 0.33 U | 0.33 UJ | NA | 0.330 UJ | 0.33 UJ | 0.330 UJ |
| Priority Pollutant Metals (mg/kg) | | | | | | |
| Antimony | 2.1 U | 2.1 U | NA | 2.1 U | 1.9 U | 1.7 |
| Arsenic | 6.4 | 8.3 | NA | 4.2 | 6.9 | 7.3 |
| Barium | 50.4 | 48.8 | NA | 51.6 | 48.8 | 66.3 |
| Beryllium | 0.67 | 0.61 | NA | 0.72 | 0.64 | 0.89 |
| Cadmium | 0.21 U | 0.21 U | NA | 0.43 | 0.44 | 0.4 |
| Chromium | 20.7 | 19.1 | NA | 21.5 | 19.2 | 23.8 |
| Copper | 29 | 27.2 | NA | 26.1 | 27.3 | 25 |
| Lead | 13.7 | 12.7 | NA | 11.8 | 11.6 | 39.2 |
| Mercury | 0.04 U | 0.04 U | NA | 0.04 U | 0.1 | 0.04 U |
| Nickel | 32.2 | 28.6 | NA | 29.7 | 30.4 | 30.8 |
| Selenium | 0.53 U | 0.52 U | NA | 0.51 U | 0.5 U | 0.7 |
| Silver | 0.53 U | 0.52 U | NA | 0.51 U | 0.48 U | 0.48 |
| Thallium | 1.1 U | 1 U | NA | 1.3 | 0.96 | 0.86 |
| Zinc | 63.2 | 39.6 | NA | 44.5 | 41.5 | 60.7 |
| Total Cyanide | NA | NA | NA | NA | NA | NA |
| SPLP Lead and Chromium (mg/L) | | | | | | |
| SPLP Lead | 0.0075 U | 0.0075 U | NA | 0.0075 U | 0.0075 U | 0.013 |
| SPLP Chromium | 0.05 U | 0.05 U | NA | 0.05 U | 0.005 U | 0.05 U |

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

**Table 3 (Continued)**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

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

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

**Table 3 (Continued)**
**Roy F. Weston Soil Analytical Laboratory Data**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Depth (feet below ground surface)/Concentration | | | | |
|---|---|---|---|---|---|
| | SS-12 Dup. 0-2' | | | | |
| | WT ~ NE | | | | |
| TCL SVOCs - Continued (mg/kg) | | | | | |
| Benzo(b)fluoranthene | 0.33 U | | | | |
| Benzo(k)fluoranthene | 0.33 U | | | | |
| Benzo(g,h,I)perylene | 0.33 U | | | | |
| Benzo(a)pyrene | 0.33 U | | | | |
| Butylbenzylphthalate | 0.33 U | | | | |
| bis(2-chloroethoxy)methane | 0.33 U | | | | |
| bis(2-chloroethyl) ether | 0.33 U | | | | |
| Bis(2-chloroisopropyl)ether | 0.33 U | | | | |
| Bis(2-ethylhexyl)phthalate | 0.33 U | | | | |
| 4-bromophenylphenylether | 0.33 U | | | | |
| Carbazole | NA | | | | |
| 2-Chloronaphthalene | 0.33 U | | | | |
| 4-Chlorophenyl-phenylether | 0.33 U | | | | |
| 4-Chloroaniline | 0.33 U | | | | |
| Chrysene | 0.33 U | | | | |
| Dibenzo(a,h)anthracene | 0.33 U | | | | |
| Dibenzofuran | 0.33 U | | | | |
| Di-n-butylphthalate | 0.33 U | | | | |
| 1,2-Dichlorobenzene | 0.33 U | | | | |
| 1,3-Dichlorobenzene | 0.33 U | | | | |
| 1,4-Dichlorobenzene | 0.33 U | | | | |
| 3,3-Dichlorobenzidine | 0.66 U | | | | |
| 2,4-Dichlorophenol | 0.33 U | | | | |
| Diethylphthalate | 0.33 U | | | | |
| Dimethylphthalate | 0.33 U | | | | |
| 2,4-Dinitrotoluene | 0.33 U | | | | |
| 2,6-Dinitrotoluene | 0.33 U | | | | |
| Di-n-octylphthalate | 0.33 U | | | | |
| Fluoranthene | 0.33 U | | | | |
| Fluorene | 0.33 U | | | | |
| Hexachlorobenzene | 0.33 U | | | | |
| Hexachlorobutadiene | 0.33 U | | | | |
| Hexachlorocyclopentadiene | 0.33 U | | | | |
| Hexachloroethane | 0.33 U | | | | |
| Indeno(1,2,3-cd)pyrene | 0.33 U | | | | |
| Isophorone | 0.33 U | | | | |
| 2-Methylnaphthalene | 0.33 U | | | | |
| Naphthalene | 0.33 U | | | | |
| 2-Nitroaniline | 1.6 U | | | | |
| 3-Nitroaniline | 1.6 U | | | | |
| 4-Nitroaniline | 1.6 U | | | | |
| Nitrobenzene | 0.33 U | | | | |
| N-nitrosodi-n-propylamine | 0.33 U | | | | |
| N-Nitrosodimethelamine | 0.33 U | | | | |
| N-nitrosodiphenylamine | 0.33 U | | | | |
| Phenanthrene | 0.33 U | | | | |
| Pyrene | 0.33 U | | | | |
| 1,2,4-Trichlorobenzene | 0.33 U | | | | |
| Priority Pollutant Metals (mg/kg) | | | | | |
| Antimony | 1.8 U | | | | |
| Arsenic | 7.9 | | | | |
| Barium | 57.8 | | | | |
| Beryllium | 0.8 | | | | |
| Cadmium | 0.39 | | | | |
| Chromium | 22.2 | | | | |
| Copper | 23.7 | | | | |
| Lead | 24.3 | | | | |
| Mercury | 0.1 | | | | |
| Nickel | 31.8 | | | | |
| Selenium | 0.52 | | | | |
| Silver | 0.45 U | | | | |
| Thallium | 0.91 U | | | | |
| Zinc | 49.6 | | | | |
| Total Cyanide | NA | | | | |
| SPLP Lead and Chromium (mg/L) | | | | | |
| SPLP Lead | 0.017 | | | | |
| SPLP Chromium | 0.05 U | | | | |

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

**Table 4**
**Groundwater Analytical Laboratory Results**
**Rogers Park Pond Parcel**

| Compound/Analyte | Sample Location and Date Sampled/Concentration | | | | |
|---|---|---|---|---|---|
| | RPM-MW001-002 6/22/2001 | RPM-MW002-002 6/22/2001 | RPM-MW003-002 6/22/2001 | RPM-MW004-002 6/22/2001 | RPM-MW005-002 6/22/2001 |
| TCL VOCs (mg/L) | | | | | |
| Acetone | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Benzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Bromodichloromethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Bromoform | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Bromomethane | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| 2-Butanone | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Carbon Disulfide | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Carbon Tetrachloride | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Chlorobenzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Chlorodibromomethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Chloroethane | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Chloroform | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Chloromethane | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| 1,1-Dichloroethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,2-Dichloroethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1-Dichloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| cis-1,2-dichloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| trans-1,2-dichloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,2 Dichloropropane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| cis-1,3-dichloropropene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| trans-1,3-dichloropropene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Ethyl Benzene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 2-Hexanone | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| 4-Methyl-2-Pentanone | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Methylene Chloride | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Styrene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2,2-Tetrachloroethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Tetrachloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Toluene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,1-Trichloroethane | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| 1,1,2-Trichloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Trichloroethene | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Vinyl Acetate | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Vinyl Chloride | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Xylenes (total) | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| TCL SVOCs (mg/L) | | | | | |
| Naphthalene | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.009 |
| Acenaphthene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Acenaphthylene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Fluorene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.003 |
| Phenanthrene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Anthracene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Fluoranthene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Pyrene | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Chrysene | 0.001 U | 0.001 U | 0.001 U | 0.001 U | 0.001 U |
| Benzo(a)anthracene | 0.00013 U | 0.00013 U | 0.00013 U | 0.00013 U | 0.00013 U |
| Benzo(b)fluoranthene | 0.00018 U | 0.00018 U | 0.00018 U | 0.00018 U | 0.00018 U |
| Benzo(k)fluoranthene | 0.00017 U | 0.00017 U | 0.00017 U | 0.00017 U | 0.00017 U |
| Benzo(a)pyrene | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U | 0.0002 U |
| Indeno(1,2,3-cd)pyrene | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U |
| Dibenz(a,h)anthracene | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U |
| Benzo(g,h,i)perylene | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U | 0.0001 U |
| RCRA Metals and Total Cyanide (mg/L) | | | | | |
| Arsenic | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Barium | 0.016 | 0.017 | 0.022 | 0.016 | 0.119 |
| Cadmium | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Chromium | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Lead | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U |
| Mercury | 0.0005 U | 0.0005 U | 0.0005 U | 0.0005 U | 0.0005 U |
| Selenium | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Silver | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.01 U |
| Total Cyanide | 0.365 | 0.089 | 0.01 U | 0.015 | 0.015 |

NOTES:

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

Data Evaluation Memoranda

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel

Soil Sample Data Evaluation Memoranda

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel

## BURNS & McDONNELL

Client: Peoples Gas

Site: Rogers Park Pond Parcel
Project #: 27194
File No.: I.7
Title: Data Validation of Soil Samples Collected from May 2 to May 4, 2001

Prepared By: Courtney Marhoefer /Kimberly Nichols
Date: June 13, 2001/ August 7, 2001
Checked By: Christy Barry
Date: June 6, 2001/August 9, 2001

## PURPOSE

The purpose of this document is to present the evaluation and validation of soil sampling analytical results.

## VALIDATION CRITERIA

The evaluation and validation consisted of the following:

- Checked analytical holding times.
- Checked surrogate recoveries.
- Reviewed laboratory blank analyses.
- Reviewed laboratory control standards (LCS).
- Reviewed laboratory annotations.

## SAMPLING EFFORT

Soil Samples were collected at the Peoples Gas Rogers Park Pond Parcel in Chicago, Illinois from May 2 to May 4, 2001. Soil samples were taken at eighteen (18) probe locations during site investigation activities.

## LABORATORY

Samples were analyzed and validated by STAT Analysis Corporation of Chicago, Illinois in accordance with Illinois Site Remediation Program analytical data reduction and validation guidelines.

## CONCLUSIONS

Laboratory data have been reviewed and are acceptable for use with qualification. STAT Analysis Corporation, performed laboratory validation and determined that all analytical results were usable. In cases where laboratory standards were not met, data qualification was provided.

Based on the provided information, Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the analytical results was good; however due to minor analytical quality control problems such as poor surrogate recovery and laboratory control standards recovery, some resultant values were flagged estimated “J” or “UJ”.

## REFERENCES

The following reference documents were used:


(1) Illinois Administrative Code, 1998. *Site Remediation Program*, Title 35: Environmental Protection, Subtitle G: Waste Disposal, Chapter I: Pollution Control Board, Part 740.

(2) United States Environmental Protection Agency (U.S. EPA), 1994. *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, February.

(3) U.S. EPA, 1994. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, February.

(4) U.S. EPA, 1998. *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, EPA Publication No. SW-846, [Third Edition (September 1986), as amended by Updates I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), IVA (January 1998)].

(5) American Society for Testing and Materials (ASTM), 2001. *Test Method D2974-00 Standard Test Methods for Moisture, Ash and Organic Matter of Peat and Other Organic Soils*, ASTM Book of Standards Volume: 04.08. Soil and Rock (I): D 420 – D 4914. West Conshohocken, PA.


## SAMPLE INFORMATION

Table 1 presents sample numbers, depth and analyses requested. Table 2 lists the methods used to analyze the soil samples.

## HOLDING TIME EVALUATION

Table 3 presents the analytical holding times that were used to evaluate and validate the extractions and analyses performed. All sample extractions and analyses were performed within the holding time criteria; therefore, no qualification is necessary.

## SURROGATE RECOVERY EVALUATION

Surrogate recoveries were within the acceptable laboratory limits; except for the following:

- BTEX analyses surrogate recoveries were above the acceptable limits for the following sample: SB25-002. Therefore the detected BTEX results for the above mentioned sample is qualified estimated “J”.
- PAH analysis surrogate recoveries were outside the acceptable limits for the following sample: SB29-002, SB29A-002, SB61-003. Therefore all detected PAH results for the aforementioned samples are qualified estimated “J”.

## LABORATORY BLANK ANALYSIS EVALUATION

Laboratory blanks were prepared and run for this sampling event. The soil blank surrogate recovery was outside the QC limits, however, the remaining samples in the batch showed acceptable surrogate recoveries; therefore, the blank problem will be treated as an isolated occurrence. All laboratory blanks were non-detect; therefore, no qualification is necessary.

## LABORATORY CONTROL STANDARDS EVALUATION

Laboratory control standards (LCS) were prepared and run for this sampling event. The selenium analysis laboratory control standard was outside the acceptable limits for the following samples: SB29-001, SB29-002, SB29A-001, SB29A-002, SB30-001, SB30-002, SB30-003, SB31-001, SB31-002, SB31-003, SB61-001, SB61-002, SB61-003, and SB61-004. Therefore, all detected selenium results for the aforementioned samples were qualified estimated “J” and all non-detect results were qualified estimated “UJ”.

## LABORATORY ANNOTATION REVIEW

A review of the STAT Analysis Corporation laboratory annotation indicates that the overall quality of the analytical results is acceptable.

| Table 1<br>List of Sample Numbers, Depth and Analyses | | |
|---|---|---|
| **Sample Number** | **Sample Depth (feet below ground surface)** | **Analyses** |
| SB21-001 | 0-1 | Benzene, toluene, ethylbenzene and xylenes (BTEX), styrene, polynuclear aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals, cyanide and Synthetic Precipitation Leaching Procedure (SPLP) lead |
| SB21-002 | 1-2 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP chromium |
| SB21-003 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB21-004 | 8-10 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP chromium |
| SB22-001 | 0-0.5 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB22-002 | 0.5-1 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB22-003 | 1-2 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB22-004 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB22-005 | 5-7 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB23-001 | 0-0.5 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB23-002 | 0.5-1 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB23-003 | 1-2 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB23-004 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB23-005 | 8-10 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB24-001 | 0.5-1 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB24-002 | 3-4 | BTEX, styrene, PAHs, RCRA metals and cyanide |

| Table 1<br>List of Sample Numbers, Depth and Analyses | | |
|---|---|---|
| **Sample Number** | **Sample Depth (feet below ground surface)** | **Analyses** |
| SB24-003 | 5-7 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB25-001 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB25-002 | 5-7 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB26-001 | 0-1 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB26-002 | 2-3 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB26-003 | 8-10 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB27-001 | 1-2 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP lead |
| SB27-002 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB27-003 | 7-9 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB28-001 | 0-1 | BTEX, styrene, PAHs, RCRA metals and cyanide, and SPLP lead |
| SB28-002 | 2-3 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP chromium |
| SB28-003 | 6-8 | BTEX, styrene, PAHs, RCRA metals, cyanide, and SPLP chromium |
| SB29-001 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB29-002 | 5-7 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB29A-001 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB29A-002 | 9-11 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB30-001 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB30-002 | 3-5 | BTEX, styrene, PAHs, RCRA metals and cyanide |

| Table 1<br>List of Sample Numbers, Depth and Analyses | | |
|---|---|---|
| **Sample Number** | **Sample Depth (feet below ground surface)** | **Analyses** |
| SB30-003 | 7-9 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB30H-001 | 8 | Total solids (moisture content), pH, and fraction organic carbon (FOC) |
| SB31-001 | 1-2 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB31-002 | 2-3 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB31-003 | 5-7 | BTEX, styrene, PAHs, RCRA metals and cyanide |
| SB61-001 | 0-1 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB61-002 | 1-2 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB61-003 | 2-3 | BTEX, PAHs, RCRA metals, and cyanide |
| SB61-004 | 4-6 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB70-001 | 6-8 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB71-001 | 6-8 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB72-001 | 6-8 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB73-001 | 3-5 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB74-001 | 6-8 | BTEX, styrene, PAHs, RCRA metals, and cyanide |
| SB75-001 | 7-8 | BTEX, styrene, PAHs, RCRA metals, and cyanide |

| Table 2<br>Analytical Methods[1] | |
|---|---|
| **Parameter** | **Analytical Method** |
| BTEX | 5035/8260B[1] |
| PAHs | 8270C[1] |
| RCRA metals | 6020[1] |
| Mercury | 7471A[1] |
| Total cyanide | 9010B/9014[1] |
| SPLP lead and SPLP chromium | 6010B |
| Fraction organic compound (FOC) | ASTM D2974-87[2] |
| pH | 9045C[1] |

Notes:
(1) U.S. EPA 1998
(2) ASTM 2001

| Table 3<br>Analytical Holding Times | |
|---|---|
| **Analyses** | **Holding Time From Sample Collection[(1)]** |
| BTEX | 14 days |
| PAHs | 14 days pre-extraction, 40 days post extraction |
| RCRA metals | 6 months |
| Mercury | 28 days |
| Total cyanide | 14 days |
| SPLP lead and SPLP chromium | 180 days to method 1312 extraction, 180 days from extraction to analysis. |
| TCL VOCs | 14 days |
| pH | On site |

Note: (1) U.S. EPA 1998 and Test America 2000.

Groundwater Sample Data Evaluation Memoranda

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel

## BURNS & McDONNELL

| | | | |
|---|---|---|---|
| Client: | Peoples Gas | Prepared By: | Kimberly Nichols |
| Site: | Rogers Park Pond Parcel | Date: | August 7, 2001 |
| Project #: | 27194 | Checked By: | Ben Cacace |
| File No.: | I.7 | Date: | August 10, 2001 |
| Title: | Data Validation of Groundwater Samples Collected on June 22, 2001 | | |

## PURPOSE

The purpose of this document is to present the evaluation and validation of groundwater sampling analytical results.

## VALIDATION CRITERIA

The evaluation and validation consisted of the following:

- Checked analytical holding times.
- Checked surrogate recoveries.
- Reviewed laboratory blank analysis.
- Reviewed laboratory control standards (LCS).
- Reviewed laboratory annotations.

## SAMPLING EFFORT

Groundwater samples were collected at the Peoples Gas Rogers Park Sub-Shop in Chicago, Illinois on June 22, 2001. A total of 5 groundwater samples were collected from 5 monitoring wells during site investigation activities.

## LABORATORY

Samples were analyzed and validated by STAT Analysis Corporation of Chicago, Illinois in accordance with Illinois Site Remediation Program analytical data reduction and validation guidelines.

## CONCLUSIONS

Laboratory data have been reviewed and are acceptable for use. STAT Analysis Corporation performed laboratory validation and determined that all analytical results were usable. Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the analytical results was good.

## REFERENCES

The following reference documents were used:

(1) American Public Health Association, American Water Works Association, and Water Environment Federation, 1998. *Standard Methods for the Examination of Water and Wastewater*, 20th Ed.

(2) United States Environmental Protection Agency (USEPA), 1994. *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, February.
(3) USEPA, 1994. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, February.
(4) USEPA, 1983. *Methods for Chemical Analysis of Water and Wastes*, EPA Publication No. 600/4-79-020, Revised, March.
(5) USEPA, 1998. *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, EPA Publication No. SW-846, [Third Edition (September 1986), as amended by Updates I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), IVA (January 1998)].
(6) USEPA, 1982. *Test Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater*, EPA Publication No. 600/4-82-057, July.

## SAMPLE INFORMATION

Table 1 presents sample numbers and analyses requested. Table 2 lists the methods used to analyze the water samples.

## HOLDING TIME EVALUATION

Table 3 presents the analytical holding times that were used to evaluate and validate the extractions and analyses performed. All sample extractions and analyses were performed within the holding time criteria; therefore, no qualification was necessary.

## SURROGATE RECOVERY EVALUATION

Surrogate recoveries for all samples were within the acceptable laboratory limits; therefore, no qualification was necessary.

## LABORATORY BLANK ANALYSIS EVALUATION

Laboratory blanks were prepared and run for this sampling event. All laboratory blanks were non-detect; therefore, no qualification was necessary.

## LABORATORY CONTROL STANDARDS EVALUATION

Laboratory control standards (LCS) were prepared and run for this sampling event. The LCS for all samples were within the acceptable laboratory limits; therefore, no qualification was necessary.

## LABORATORY ANNOTATION REVIEW

A review of the STAT Analysis Corporation laboratory annotation indicates that the overall quality of the analytical results is acceptable.

| Table 1<br>List of Sample Numbers, Location and Analysis | |
|---|---|
| **Sample Number** | **Analyses** |
| MW01-002 | Targeted Compound List (TCL) volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals and total cyanide |
| MW02-002 | TCL VOCs, PAHs, RCRA metals and total cyanide |
| MW03-002 | TCL VOCs, PAHs, RCRA metals and total cyanide |
| MW04-002 | TCL VOCs, PAHs, RCRA metals and total cyanide |
| MW05-002 | TCL VOCs, PAHs, RCRA metals and total cyanide |

| Table 2<br>Analytical Methods[1] | |
|---|---|
| **Parameter** | **Analytical Method** |
| TCL VOCs | 5030B/8260B |
| PAHs | 8270C |
| Total cyanide | 9010B/9014 |
| RCRA metals | 6020 |
| Mercury | 7470A |

Note: (1) USEPA 1998.

| Table 3<br>Water Analytical Holding Times | |
|---|---|
| **Analyses** | **Holding Time From Sample Collection** |
| TCL VOCs | 14 days |
| PAHs | 7 days to extraction, 40 days to analysis |
| Total cyanide | 14 days |
| RCRA metals | 6 months |
| Mercury | 28 days |

Note: (1) USEPA 1998.

Analytical Results Data Sheets

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel

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*e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0.*

May 4, 2001

Pond
SB21 - SB28

Margaret Kelly
Burns & McDonnell
2601 W. 22nd Street
Oak Brook, Illinois 60523-1229
Phone: (630) 990-0300
Fax: (630) 990-0301

Re: Project Number/Name: 27194-4.07, Peoples-Rogers Park Main & East
STAT Project Number: 701808 STAT Sample Nos.: 916963 - 916990
Date Received: May 2, 2001

Dear Ms. Kelly:

Enclosed are the analytical results for the above referenced project. The samples were analyzed as per the enclosed chain of custody.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, 3rd Edition, December, 1996. Specific method references are listed on the analytical report. Where applicable results are expressed on a dry weight basis as per method protocols.

All analyses were performed within the established holding times, and all quality control criteria, as outlined in the method have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and we look forward to working with you in the future. If you have any questions about the enclosed materials, please call me at 312-733-0551.

Sincerely,

Craig Chawla
Project Manager

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 and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 25, RPM-SB21-001
STAT Project No.: 701808
STAT Sample No.: 916987

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1530
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.26 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.033 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | 0.072 | mg/Kg |
| Pyrene | 0.025 | 0.070 | mg/Kg |
| Chrysene | 0.025 | 0.054 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.040 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.030 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.030 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.030 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 25, RPM-SB21-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1530 |
| STAT Sample No.: | 916987 | Date Reported: | 5/8/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.26 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 7.58 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 364 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | 0.617 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 32.9 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 678 | mg/Kg | 5/8/01 | 6020 |
| Mercury | 0.040 | 0.069 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| SPLP Lead | 0.005 | 0.074 | mg/L | 5/7/01 | 1312/6020 |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 26, RPM-SB21-002
STAT Project No.: 701808
STAT Sample No.: 916988

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1535
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 80.83 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 26, RPM-SB21-002
STAT Project No.: 701808
STAT Sample No.: 916988

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1535
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 80.83 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 16.5 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 85.1 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 31.9 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 21.7 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 27, RPM-SB21-003
STAT Project No.: 701808
STAT Sample No.: 916989

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1540
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.55 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 27, RPM-SB21-003
STAT Project No.: 701808
STAT Sample No.: 916989

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1540
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.55 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 9.89 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 67.0 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 29.2 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 20.3 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 28, RPM-SB21-004
STAT Project No.: 701808
STAT Sample No.: 916990

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1550
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.41 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 28, RPM-SB21-004
STAT Project No.: 701808
STAT Sample No.: 916990

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1550
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.41 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 6.71 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 71.4 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 28.9 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 16.0 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 6, RPM-SB22-001
STAT Project No.: 701808
STAT Sample No.: 916968

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0920
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 87.34 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | 0.006 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.710 | mg/Kg |
| Acenaphthene | 0.025 | 0.033 | mg/Kg |
| Fluorene | 0.025 | 0.176 | mg/Kg |
| Phenanthrene | 0.025 | 0.431 | mg/Kg |
| Anthracene | 0.025 | 0.223 | mg/Kg |
| Fluoranthene | 0.025 | 1.19 | mg/Kg |
| Pyrene | 0.025 | 1.32 | mg/Kg |
| Chrysene | 0.025 | 1.37 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.663 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.435 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.161 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.271 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.267 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.281 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.277 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 6, RPM-SB22-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0920 |
| STAT Sample No.: | 916968 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 87.34 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.13 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 392 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | 1.36 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 49.5 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 3,220 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | 0.095 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| SPLP Lead | 0.005 | 0.093 | mg/L | 5/7/01 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 7, RPM-SB22-002
STAT Project No.: 701808
STAT Sample No.: 916969

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0930
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 93.87 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.160 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.090 | mg/Kg |
| Anthracene | 0.025 | 0.047 | mg/Kg |
| Fluoranthene | 0.025 | 0.145 | mg/Kg |
| Pyrene | 0.025 | 0.026 | mg/Kg |
| Chrysene | 0.025 | 0.239 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.125 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.089 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.094 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.240 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.072 | mg/Kg |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 7, RPM-SB22-002
STAT Project No.: 701808
STAT Sample No.: 916969

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0930
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 93.87 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.51 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 184 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | 1.74 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 21.3 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 7,230 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| SPLP Lead | 0.005 | 0.005 | mg/L | 5/6/01 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 8, RPM-SB22-003
STAT Project No.: 701808
STAT Sample No.: 916970

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0940
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 89.81 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.372 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | 0.090 | mg/Kg |
| Phenanthrene | 0.025 | 0.311 | mg/Kg |
| Anthracene | 0.025 | 0.113 | mg/Kg |
| Fluoranthene | 0.025 | 0.413 | mg/Kg |
| Pyrene | 0.025 | 0.593 | mg/Kg |
| Chrysene | 0.025 | 0.500 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.274 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.230 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.233 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.268 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.152 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.065 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.150 | mg/Kg |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 8, RPM-SB22-003
STAT Project No.: 701808
STAT Sample No.: 916970

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0940
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 89.81 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.51 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 82.3 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | 1.01 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 20.1 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 950 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| SPLP Lead | 0.005 | 0.031 | mg/L | 5/7/00 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 9, RPM-SB22-004
STAT Project No.: 701808
STAT Sample No.: 916971

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0950
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 87.77 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | 0.034 | mg/Kg |
| Chrysene | 0.025 | 0.034 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.027 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 9, RPM-SB22-004 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0950 |
| STAT Sample No.: | 916971 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 87.77 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 6.54 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 83.8 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 27.3 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 30.4 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 10, RPM-SB22-005
STAT Project No.: 701808
STAT Sample No.: 916972

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1000
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.26 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 10, RPM-SB22-005
STAT Project No.: 701808
STAT Sample No.: 916972

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1000
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.26 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 12.3 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 60.1 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 25.7 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 19.4 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 1, RPM-SB23-001
STAT Project No.: 701808
STAT Sample No.: 916963

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0815
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 88.38 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.150 | mg/Kg |
| Anthracene | 0.025 | 0.039 | mg/Kg |
| Fluoranthene | 0.025 | 0.275 | mg/Kg |
| Pyrene | 0.025 | 0.228 | mg/Kg |
| Chrysene | 0.025 | 0.157 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.143 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.100 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.122 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.104 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.030 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.094 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 1, RPM-SB23-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0815 |
| STAT Sample No.: | 916963 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 88.38 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 7.18 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 126 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 22.5 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 42.0 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | 0.043 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| SPLP Lead | 0.005 | 0.005 | mg/L | 5/7/01 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 2, RPM-SB23-002
STAT Project No.: 701808
STAT Sample No.: 916964

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0825
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 89.13 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 2, RPM-SB23-002
STAT Project No.: 701808
STAT Sample No.: 916964

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0825
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 89.13 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 6.44 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 71.3 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 23.0 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 24.7 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 3, RPM-SB23-003
STAT Project No.: 701808
STAT Sample No.: 916965

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0835
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 86.55 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 3, RPM-SB23-003 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0835 |
| STAT Sample No.: | 916965 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 86.55 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.53 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 46.8 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 20.3 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 35.8 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 4, RPM-SB23-004
STAT Project No.: 701808
STAT Sample No.: 916966

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0840
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 86.40 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | 0.005 | mg/Kg |
| Toluene | 0.005 | 0.012 | mg/Kg |
| Ethyl Benzene | 0.005 | 0.006 | mg/Kg |
| Xylenes (total) | 0.005 | 0.007 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 4, RPM-SB23-004 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0840 |
| STAT Sample No.: | 916966 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 86.40 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.58 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 49.9 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 23.3 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 12.5 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 5, RPM-SB23-005
STAT Project No.: 701808
STAT Sample No.: 916967

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 0850
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.63 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/3/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 5, RPM-SB23-005 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 0850 |
| STAT Sample No.: | 916967 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.63 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 10.2 | mg/Kg | 5/3/01 | 6020 |
| Barium | 0.500 | 65.2 | mg/Kg | 5/3/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |
| Chromium | 0.500 | 27.0 | mg/Kg | 5/3/01 | 6020 |
| Lead | 0.500 | 15.1 | mg/Kg | 5/3/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/3/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/3/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 11, RPM-SB24-001
STAT Project No.: 701808
STAT Sample No.: 916973

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1040
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.93 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.076 | mg/Kg |
| Anthracene | 0.025 | 0.027 | mg/Kg |
| Fluoranthene | 0.025 | 0.175 | mg/Kg |
| Pyrene | 0.025 | 0.173 | mg/Kg |
| Chrysene | 0.025 | 0.084 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.085 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.053 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.067 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.045 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.040 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.036 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 11, RPM-SB24-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1040 |
| STAT Sample No.: | 916973 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.93 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 14.6 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 23.1 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 19.8 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 32.5 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | 1.04 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 12, RPM-SB24-002
STAT Project No.: 701808
STAT Sample No.: 916974

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1050
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 80.65 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/3/01 | | | |
| Benzene | 0.002 | 0.007 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 12, RPM-SB24-002
STAT Project No.: 701808
STAT Sample No.: 916974

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1050
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 80.65 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 10.7 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 60.2 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 27.0 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 18.7 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | 0.050 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 13, RPM-SB24-003
STAT Project No.: 701808
STAT Sample No.: 916975

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1100
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 85.15 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 13, RPM-SB24-003 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1100 |
| STAT Sample No.: | 916975 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 85.15 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.72 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 39.4 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 16.7 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 16.9 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | 0.044 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 14, RPM-SB25-001
STAT Project No.: 701808
STAT Sample No.: 916976

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1130
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 76.34 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | 0.034 | mg/Kg |
| Pyrene | 0.025 | 0.040 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 14, RPM-SB25-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1130 |
| STAT Sample No.: | 916976 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 76.34 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 7.83 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 73.4 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 26.2 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 16.7 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 15, RPM-SB25-002
STAT Project No.: 701808
STAT Sample No.: 916977

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1140
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 94.94 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.003 J | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

J: Estimated value. Poor surrogate recovery. KAN

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 15, RPM-SB25-002 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1140 |
| STAT Sample No.: | 916977 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 94.94 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 2.44 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 39.7 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 16.8 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 14.1 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 16, RPM-SB26-001
STAT Project No.: 701808
STAT Sample No.: 916978

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1315
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 90.96 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.159 | mg/Kg |
| Anthracene | 0.025 | 0.046 | mg/Kg |
| Fluoranthene | 0.025 | 0.338 | mg/Kg |
| Pyrene | 0.025 | 0.276 | mg/Kg |
| Chrysene | 0.025 | 0.171 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.138 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.054 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.054 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.060 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.026 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 16, RPM-SB26-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1315 |
| STAT Sample No.: | 916978 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 90.96 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.39 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 63.1 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 17.1 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 77.7 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | 0.134 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| SPLP Lead | 0.005 | < 0.005 | mg/L | 5/7/00 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 17, RPM-SB26-002
STAT Project No.: 701808
STAT Sample No.: 916979

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1325
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 86.71 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.264 | mg/Kg |
| Acenaphthene | 0.025 | 0.072 | mg/Kg |
| Fluorene | 0.025 | 0.142 | mg/Kg |
| Phenanthrene | 0.025 | 0.685 | mg/Kg |
| Anthracene | 0.025 | 0.260 | mg/Kg |
| Fluoranthene | 0.025 | 1.26 | mg/Kg |
| Pyrene | 0.025 | 1.18 | mg/Kg |
| Chrysene | 0.025 | 0.810 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.712 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.613 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.519 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 1.21 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.054 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.088 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.329 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 17, RPM-SB26-002 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1325 |
| STAT Sample No.: | 916979 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 86.71 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 7.57 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 62.1 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 18.5 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 122 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | 0.054 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| SPLP Lead | 0.005 | 0.034 | mg/L | 5/7/00 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 18, RPM-SB26-003
STAT Project No.: 701808
STAT Sample No.: 916980

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1340
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 80.95 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 18, RPM-SB26-003 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1340 |
| STAT Sample No.: | 916980 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 80.95 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | 0.60 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.05 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 62.1 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 24.7 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 12.5 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 19, RPM-SB27-001
STAT Project No.: 701808
STAT Sample No.: 916981

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1415
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 92.35 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.004 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.085 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.098 | mg/Kg |
| Anthracene | 0.025 | 0.034 | mg/Kg |
| Fluoranthene | 0.025 | 0.172 | mg/Kg |
| Pyrene | 0.025 | 0.157 | mg/Kg |
| Chrysene | 0.025 | 0.122 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.082 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.049 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.030 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.048 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 19, RPM-SB27-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1415 |
| STAT Sample No.: | 916981 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 92.35 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.20 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 61.0 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 15.9 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 281 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | 0.043 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| SPLP Lead | 0.005 | 0.014 | mg/L | 5/7/00 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 20, RPM-SB27-002
STAT Project No.: 701808
STAT Sample No.: 916982

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1425
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.35 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 20, RPM-SB27-002 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1425 |
| STAT Sample No.: | 916982 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.35 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 3.79 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 68.2 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 29.6 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 18.6 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 21, RPM-SB27-003
STAT Project No.: 701808
STAT Sample No.: 916983

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1430
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 89.19 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.062 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | 0.031 | mg/Kg |
| Phenanthrene | 0.025 | 0.087 | mg/Kg |
| Anthracene | 0.025 | 0.029 | mg/Kg |
| Fluoranthene | 0.025 | 0.151 | mg/Kg |
| Pyrene | 0.025 | 0.151 | mg/Kg |
| Chrysene | 0.025 | 0.119 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.057 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.034 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.027 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.036 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.028 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.029 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 21, RPM-SB27-003 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1430 |
| STAT Sample No.: | 916983 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 89.19 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.77 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 96.0 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 25.1 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 14.0 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 22, RPM-SB28-001
STAT Project No.: 701808
STAT Sample No.: 916984

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1455
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 90.37 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.007 | mg/Kg |
| Toluene | 0.005 | 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | 0.011 | mg/Kg |
| Xylenes (total) | 0.005 | 0.050 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 0.126 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | 0.034 | mg/Kg |
| Phenanthrene | 0.025 | 0.148 | mg/Kg |
| Anthracene | 0.025 | 0.072 | mg/Kg |
| Fluoranthene | 0.025 | 0.315 | mg/Kg |
| Pyrene | 0.025 | 0.277 | mg/Kg |
| Chrysene | 0.025 | 0.245 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.178 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.112 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.119 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.252 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.077 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.028 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.075 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 22, RPM-SB28-001 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1455 |
| STAT Sample No.: | 916984 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 90.37 | % | 5/2/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 2.25 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 38.2 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 8.73 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 446 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| SPLP Lead | 0.005 | 0.090 | mg/L | 5/7/00 | 1312/6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 23, RPM-SB28-002
STAT Project No.: 701808
STAT Sample No.: 916985

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1500
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.16 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 23, RPM-SB28-002 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1500 |
| STAT Sample No.: | 916985 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.16 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.70 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 72.4 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 29.1 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 19.5 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | 1.17 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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# Analytical Report

Client: Burns and McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: 24, RPM-SB28-003
STAT Project No.: 701808
STAT Sample No.: 916986

Date Received: 5/2/01
Date Taken: 5/1/01
Time Taken: 1505
Date Reported: 5/4/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.57 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/3/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns and McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/2/01 |
| Sample Number: | 24, RPM-SB28-003 | Date Taken: | 5/1/01 |
| STAT Project No.: | 701808 | Time Taken: | 1505 |
| STAT Sample No.: | 916986 | Date Reported: | 5/4/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.57 | % | 5/3/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 11.6 | mg/Kg | 5/4/01 | 6020 |
| Barium | 0.500 | 52.9 | mg/Kg | 5/4/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |
| Chromium | 0.500 | 29.6 | mg/Kg | 5/4/01 | 6020 |
| Lead | 0.500 | 30.8 | mg/Kg | 5/4/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/4/01 | 7471A |
| Selenium | 1.00 | < 1.00 | mg/Kg | 5/4/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/4/01 | 6020 |

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

NVLAP

Nº: 701808

# CHAIN OF CUSTODY RECORD



Client Name: Burns + McDonnell
Project Number: 27194-4.07
Project Name: Peoples-Rogers Park Main + East
Location/Address: 6659 Kedzie, Chicago, IL
Samplers: Libby Northrip / Kim Nichols

TYPE OF ANALYSES

Turnaround Time: 2 (days)

Results Needed: 5/04/01 am/pm

| Client Sample No.: | Sample Description | Date Taken | Time Taken | Comp | Grab | No. of Containers | BTEX 8260 | Styrene 8260 | PAH 8270C SIM | RCRA Metals 6010/7000 | Cyanide (335.2/9010B) | SPLP Pb | Remarks | Lab No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RPM-SB23-001 | 5/01 | 0815 | | X | 6 | X | X | X | X | X | X | 0-0.5' | 916963 |
| 2 | RPM-SB23-002 | ↓ | 0825 | | ↓ | 6 | X | X | X | X | X | | 0.5-1' | 916964 |
| 3 | RPM-SB23-003 | | 0835 | | | 6 | X | X | X | X | X | | 1-2' | 916965 |
| 4 | RPM-SB23-004 | | 0840 | | | 6 | X | X | X | X | X | | 2-3' | 916966 |
| 5 | RPM-SB23-005 | | 0850 | | | 6 | X | X | X | X | X | | 8-10' | 916967 |
| 6 | RPM-SB22-001 | | 0920 | | | 6 | X | X | X | X | X | X | 0-0.5' | 916968 |
| 7 | RPM-SB22-002 | | 0930 | | | 6 | X | X | X | X | X | X | 0.5-1' | 916969 |
| 8 | RPM-SB22-003 | | 0940 | | | 5 | X | X | X | X | X | X | 1-2' | 916970 |
| 9 | RPM-SB22-004 | | 0950 | | | 5 | X | X | X | X | X | | 2-3' | 916971 |
| 10 | RPM-SB22-005 | | 1000 | | | 6 | X | X | X | X | X | | 5-7' | 916972 |
| 11 | RPM-SB24-001 - 1 | | 1040 | | | 4 | X | X | X | X | X | | 0.5-1' | 916973 |
| 12 | RPM-SB24-002 | | 1050 | | | 6 | X | X | X | X | X | | 3-4' | 916974 |
| 13 | RPM-SB24-003 | | 1100 | | | 6 | X | X | X | X | X | | 5-7' | 916975 |
| 14 | RPM-SB25-001 | | 1130 | | | 6 | X | X | X | X | X | | 2-3' | 916976 |
| 15 | RPM-SB25-002 | | 1140 | | | 6 | X | X | X | X | X | | 5-7' | 916977 |
| 16 | RPM-SB26-001 | | 1315 | | | 6 | X | X | X | X | X | X | 0-1' | 916978 |
| 17 | RPM-SB26-002 | | 1325 | | | 5 | X | X | X | X | X | X | 2-3' | 916979 |
| 18 | RPM-SB26-003 - | | 1340 | | | 6 | X | X | X | X | X | | 8-10' | 916980 |
| 19 | RPM-SB27-001 | | 1415 | | | 5 | X | X | X | X | X | X | 1-2' | 916981 |
| 20 | RPM-SB27-002 | | 1425 | | | 6 | X | X | X | X | X | | 2-3' | 916982 |
| 21 | RPM-SB27-003 | ↓ | 1430 | | ↓ | 6 | X | X | X | X | X | | 7-9' | 916983 |

| | | |
|---|---|---|
| Relinquished by: (Signature) Libby Northrip | Date/Time: 5/2/01 1200 | |
| Received by: (Signature) Alex Alvarez | Date/Time: 5-2-01 1200 | |
| Relinquished by: (Signature) | Date/Time: | |
| Received for lab by: (Signature) | Date/Time: 5/2/01 1430 | |
| Relinquished by: (Signature) | Date/Time: | |

| Lab. Use: | Sample Verification Yes | No |
|---|---|---|
| - Container OK | ✓ | |
| - Samples Leaking | | ✓ |
| - Refrigerated (Temp: 5 °C) | ✓ | |
| - Sample Labels Match Sample ID | ✓ | |

Contact Information:
Phone Number: 630-990-0300
Fax Number: 630-990-0301
Attention: M. Kelley
Other Contact: L. Northrip

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

NVLAP®

Nº: 701808

# CHAIN OF CUSTODY RECORD



Client Name: Burns + McDonnell
Project Number: 27194-4.07
Project Name: Peoples-Rogers Park Main + East
Location/Address: 6659 Kedzie, Chicago, IL
Samplers: Libby Northrip / Kim Nichols

TYPE OF ANALYSES

Turnaround Time: 2 (days)

Results Needed: 5/4/01 am/pm

| Client Sample No.: | Sample Description | Date Taken | Time Taken | Comp. | Grab | No. of Containers | BTEX 8260 | Styrene 8260 | PAH 8270C SIM | RCRA Metals 6010/7000 | Cyanide (335.2/9010B) | SPLP PD | Remarks | Lab No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | RPM-SB28-001 | 5/01 | 1455 | | X | 5 | X | X | X | X | X | X | 0-1' | 916984 |
| 23 | RPM-SB28-002 | ↓ | 1500 | | ↓ | 5 | X | X | X | X | X | | 2-3' | 916985 |
| 24 | RPM-SB28-003 | ↓ | 1505 | | ↓ | 6 | X | X | X | X | X | | 6-8' | 916986 |
| 25 | RPM-SB21-001 | ↓ | 1530 | | ↓ | 5 | X | X | X | X | X | X | 0-1' | 916987 |
| 26 | RPM-SB21-002 | ↓ | 1535 | | ↓ | 6 | X | X | X | X | X | | 1-2' | 916988 |
| 27 | RPM-SB21-003 | ↓ | 1540 | | ↓ | 6 | X | X | X | X | X | | 2-3' | 916989 |
| 28 | RPM-SB21-004 | ↓ | 1550 | | ↓ | 5 | X | X | X | X | X | | 8-10' | 916990 |

| | | |
|---|---|---|
| Relinquished by: (Signature) Libby Northrip | Date/Time: 5/2/01 1200 | |
| Received by: (Signature) Rick Alvarez | Date/Time: 5-2-01 1200 | |
| Relinquished by: (Signature) | Date/Time: | |
| Received for lab by: (Signature) | Date/Time: 5/2/01 1430 | |
| Relinquished by: (Signature) | Date/Time: | |

| Lab. Use: | Sample Verification | |
|---|---|---|
| - Container OK | Yes ✓ | No |
| - Samples Leaking | Yes | No ✓ |
| - Refrigerated (Temp: 5 °C) | Yes ✓ | No |
| - Sample Labels Match Sample ID | Yes ✓ | No |

Contact Information:
Phone Number: 630-490-0300
Fax Number: 630-490-0301
Attention: M. Kelley
Other Contact: L. Northrip

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May 7, 2001

Pond
SB61 only

Margaret Kelly
Burns & McDonnell
2601 W. 22nd Street
Oak Brook, Illinois 60523-1229
Phone: (630) 990-0300
Fax: (630) 990-0301

Re: Project Number/Name: 27194-4.07, Peoples-Rogers Park Main & East
STAT Project Number: 701817 STAT Sample Nos.: 917034 – 917056
Date Received: May 3, 2001

Dear Ms. Kelly:

Enclosed are the analytical results for the above referenced project. The samples were analyzed as per the enclosed chain of custody.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, 3rd Edition, December, 1996. Specific method references are listed on the analytical report. Where applicable results are expressed on a dry weight basis as per method protocols.

All analyses were performed within the established holding times, and all quality control criteria, as outlined in the method have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and we look forward to working with you in the future. If you have any questions about the enclosed materials, please call me at 312-733-0551.

Sincerely,

Craig Chawla
Project Manager

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-001
STAT Project No.: 701817
STAT Sample No.: 917034

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0830
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 85.32 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | 0.122 | mg/Kg |
| Acenapthylene | 0.025 | 0.030 | mg/Kg |
| Acenaphthene | 0.025 | 0.070 | mg/Kg |
| Fluorene | 0.025 | 0.098 | mg/Kg |
| Phenanthrene | 0.025 | 0.306 | mg/Kg |
| Anthracene | 0.025 | 0.086 | mg/Kg |
| Fluoranthene | 0.025 | 0.079 | mg/Kg |
| Pyrene | 0.025 | 0.101 | mg/Kg |
| Chrysene | 0.025 | 0.065 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.057 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.026 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.036 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.049 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.026 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.029 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB33-001 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 0830 |
| STAT Sample No.: | 917034 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 85.32 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.02 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 59.3 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 14.2 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 179 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | 0.512 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. VAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-002
STAT Project No.: 701817
STAT Sample No.: 917035

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0835
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 86.05 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.002 | 0.008 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | 0.009 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | 0.132 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | 0.083 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | 0.044 | mg/Kg |
| Pyrene | 0.025 | 0.055 | mg/Kg |
| Chrysene | 0.025 | 0.037 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.032 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.026 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.030 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB33-002 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 0835 |
| STAT Sample No.: | 917035 | Date Reported: | 5/16/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 86.05 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.20 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 39.0 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 11.9 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 240 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| SPLP Lead | 0.005 | < 0.005 | mg/L | 5/10/01 | 1312/6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KMN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-003
STAT Project No.: 701817
STAT Sample No.: 917036

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0840
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.63 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-003
STAT Project No.: 701817
STAT Sample No.: 917036

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0840
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.63 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 9.92 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 52.0 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 14.0 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 12.4 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. UMJ

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-004
STAT Project No.: 701817
STAT Sample No.: 917037

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0845
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.06 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.050 | 0.093 | mg/Kg |
| Toluene | 0.050 | 0.132 | mg/Kg |
| Ethyl Benzene | 0.050 | 2.15 | mg/Kg |
| Xylenes (total) | 0.050 | 4.54 | mg/Kg |
| Styrene | 0.050 | < 0.050 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB33-004
STAT Project No.: 701817
STAT Sample No.: 917037

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0845
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.06 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 6.74 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 46.7 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 18.8 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 91.1 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KMN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29-001
STAT Project No.: 701817
STAT Sample No.: 917038

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0855
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.87 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | 0.036 | mg/Kg |
| Fluorene | 0.025 | 0.041 | mg/Kg |
| Phenanthrene | 0.025 | 0.278 | mg/Kg |
| Anthracene | 0.025 | 0.112 | mg/Kg |
| Fluoranthene | 0.025 | 0.313 | mg/Kg |
| Pyrene | 0.025 | 0.281 | mg/Kg |
| Chrysene | 0.025 | 0.172 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.186 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.151 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.130 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.182 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.102 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.055 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.102 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29-001
STAT Project No.: 701817
STAT Sample No.: 917038

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0855
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.87 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.53 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 37.5 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 11.5 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 38.9 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.261 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | 0.837 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29-002
STAT Project No.: 701817
STAT Sample No.: 917039

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0900
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 78.70 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.004 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | 0.076 J | mg/Kg |
| Acenapthylene | 0.025 | 0.267 J | mg/Kg |
| Acenaphthene | 0.025 | 0.029 J | mg/Kg |
| Fluorene | 0.025 | 0.047 J | mg/Kg |
| Phenanthrene | 0.025 | 0.089 J | mg/Kg |
| Anthracene | 0.025 | 0.080 J | mg/Kg |
| Fluoranthene | 0.025 | 0.122 J | mg/Kg |
| Pyrene | 0.025 | 0.229 J | mg/Kg |
| Chrysene | 0.025 | 0.265 J | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.221 J | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.113 J | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.136 J | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.248 J | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.102 J | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.065 J | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.100 J | mg/Kg |

J: Estimated value. Poor surrogate recovery. KAI

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29-002
STAT Project No.: 701817
STAT Sample No.: 917039

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0900
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 78.70 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 9.65 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 61.9 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 21.2 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 64.0 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.137 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ - Nondetect estimated value. Poor LCS recovery.

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29A-001
STAT Project No.: 701817
STAT Sample No.: 917040

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0920
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 77.65 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.600 | 17.8 | mg/Kg |
| Toluene | 0.600 | 2.67 | mg/Kg |
| Ethyl Benzene | 0.600 | 10.0 | mg/Kg |
| Xylenes (total) | 0.600 | 21.2 | mg/Kg |
| Styrene | 0.600 | < 0.600 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/4/01, 5/5/01, 5/6/01 | | | |
| Naphthalene | 1.00 | 208 | mg/Kg |
| Acenapthylene | 1.00 | 51.8 | mg/Kg |
| Acenaphthene | 1.00 | 80.5 | mg/Kg |
| Fluorene | 1.00 | 386 | mg/Kg |
| Phenanthrene | 1.00 | 376 | mg/Kg |
| Anthracene | 1.00 | 149 | mg/Kg |
| Fluoranthene | 1.00 | 155 | mg/Kg |
| Pyrene | 1.00 | 203 | mg/Kg |
| Chrysene | 1.00 | 99.5 | mg/Kg |
| Benzo[a]anthracene | 1.00 | 94.8 | mg/Kg |
| Benzo[b]fluoranthene | 1.00 | 19.7 | mg/Kg |
| Benzo[k]fluoranthene | 1.00 | 19.5 | mg/Kg |
| Benzo[a]pyrene | 1.00 | 57.2 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 1.00 | 13.0 | mg/Kg |
| Dibenz[a,h]anthracene | 1.00 | 12.2 | mg/Kg |
| Benzo[g,h,i]perylene | 1.00 | 12.0 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB29A-001 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 0920 |
| STAT Sample No.: | 917040 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 77.65 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | 0.47 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.18 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 95.7 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 13.6 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 302 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.189 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29A-002
STAT Project No.: 701817
STAT Sample No.: 917041

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0935
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.75 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.040 | 0.200 | mg/Kg |
| Toluene | 0.040 | 0.397 | mg/Kg |
| Ethyl Benzene | 0.040 | 0.170 | mg/Kg |
| Xylenes (total) | 0.040 | 1.28 | mg/Kg |
| Styrene | 0.040 | 0.084 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | 0.607 J | mg/Kg |
| Acenapthylene | 0.025 | 0.218 J | mg/Kg |
| Acenaphthene | 0.025 | 0.129 J | mg/Kg |
| Fluorene | 0.025 | 1.29 J | mg/Kg |
| Phenanthrene | 0.025 | 1.24 J | mg/Kg |
| Anthracene | 0.025 | 0.410 J | mg/Kg |
| Fluoranthene | 0.025 | 0.450 J | mg/Kg |
| Pyrene | 0.025 | 0.613 J | mg/Kg |
| Chrysene | 0.025 | 0.320 J | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.305 J | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.100 J | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.076 J | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.136 J | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.045 J | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.029 J | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.044 J | mg/Kg |

J: Estimated value. Poor surrogate recoveries. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB29A-002
STAT Project No.: 701817
STAT Sample No.: 917041

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0935
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.75 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.30 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 58.8 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 13.1 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 61.2 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.103 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KMH

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB30-001
STAT Project No.: 701817
STAT Sample No.: 917042

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 0950
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.04 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01, 5/6/01 | | | |
| Benzene | 0.050 | 27.7 | mg/Kg |
| Toluene | 0.050 | 0.136 | mg/Kg |
| Ethyl Benzene | 0.050 | 8.90 | mg/Kg |
| Xylenes (total) | 0.050 | 6.55 | mg/Kg |
| Styrene | 0.050 | 0.084 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01, 5/6/01 | | | |
| Naphthalene | 0.025 | 1.70 | mg/Kg |
| Acenapthylene | 0.025 | 0.218 | mg/Kg |
| Acenaphthene | 0.025 | 0.530 | mg/Kg |
| Fluorene | 0.025 | 1.33 | mg/Kg |
| Phenanthrene | 0.025 | 1.93 | mg/Kg |
| Anthracene | 0.025 | 0.385 | mg/Kg |
| Fluoranthene | 0.025 | 0.472 | mg/Kg |
| Pyrene | 0.025 | 0.653 | mg/Kg |
| Chrysene | 0.025 | 0.405 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.394 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.174 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.128 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.238 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.083 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.051 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.077 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB30-001 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 0950 |
| STAT Sample No.: | 917042 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.04 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.18 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 91.6 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | 0.515 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 22.5 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 517 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. VMM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB30-002
STAT Project No.: 701817
STAT Sample No.: 917043

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1000
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.30 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01, 5/6/01 | | | |
| Benzene | 0.100 | 124 | mg/Kg |
| Toluene | 0.100 | 0.144 | mg/Kg |
| Ethyl Benzene | 0.100 | 43.1 | mg/Kg |
| Xylenes (total) | 0.100 | 19.2 | mg/Kg |
| Styrene | 0.100 | < 0.100 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01, 5/7/01 | | | |
| Naphthalene | 0.050 | 9.46 | mg/Kg |
| Acenapthylene | 0.050 | 2.71 | mg/Kg |
| Acenaphthene | 0.050 | 2.11 | mg/Kg |
| Fluorene | 0.050 | 3.27 | mg/Kg |
| Phenanthrene | 0.050 | 7.57 | mg/Kg |
| Anthracene | 0.050 | 2.18 | mg/Kg |
| Fluoranthene | 0.050 | 1.23 | mg/Kg |
| Pyrene | 0.050 | 3.00 | mg/Kg |
| Chrysene | 0.050 | 2.59 | mg/Kg |
| Benzo[a]anthracene | 0.050 | 2.59 | mg/Kg |
| Benzo[b]fluoranthene | 0.050 | 0.857 | mg/Kg |
| Benzo[k]fluoranthene | 0.050 | 0.673 | mg/Kg |
| Benzo[a]pyrene | 0.050 | 2.07 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.050 | 0.399 | mg/Kg |
| Dibenz[a,h]anthracene | 0.050 | 0.356 | mg/Kg |
| Benzo[g,h,i]perylene | 0.050 | 0.384 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB30-002
STAT Project No.: 701817
STAT Sample No.: 917043

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1000
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.30 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 18.0 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 70.9 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 22.7 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 43.9 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB30-003
STAT Project No.: 701817
STAT Sample No.: 917044

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1010
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 83.59 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.040 | 31.3 | mg/Kg |
| Toluene | 0.040 | 0.820 | mg/Kg |
| Ethyl Benzene | 0.040 | 11.2 | mg/Kg |
| Xylenes (total) | 0.040 | 7.86 | mg/Kg |
| Styrene | 0.040 | 0.055 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.050 | 8.54 | mg/Kg |
| Acenapthylene | 0.050 | 2.84 | mg/Kg |
| Acenaphthene | 0.050 | 3.82 | mg/Kg |
| Fluorene | 0.050 | 6.24 | mg/Kg |
| Phenanthrene | 0.050 | 12.9 | mg/Kg |
| Anthracene | 0.050 | 3.85 | mg/Kg |
| Fluoranthene | 0.050 | 5.91 | mg/Kg |
| Pyrene | 0.050 | 8.43 | mg/Kg |
| Chrysene | 0.050 | 5.01 | mg/Kg |
| Benzo[a]anthracene | 0.050 | 4.73 | mg/Kg |
| Benzo[b]fluoranthene | 0.050 | 1.92 | mg/Kg |
| Benzo[k]fluoranthene | 0.050 | 1.37 | mg/Kg |
| Benzo[a]pyrene | 0.050 | 2.91 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.050 | 0.799 | mg/Kg |
| Dibenz[a,h]anthracene | 0.050 | 0.574 | mg/Kg |
| Benzo[g,h,i]perylene | 0.050 | 0.738 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB30-003
STAT Project No.: 701817
STAT Sample No.: 917044

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1010
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 83.59 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.63 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 45.5 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 15.5 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 132 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery.

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-001
STAT Project No.: 701817
STAT Sample No.: 917045

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1030
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.43 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.007 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | 0.009 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-001
STAT Project No.: 701817
STAT Sample No.: 917045

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1030
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.43 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 3.59 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 62.4 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 20.7 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 19.4 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KWM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-002
STAT Project No.: 701817
STAT Sample No.: 917046

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1040
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.96 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-002
STAT Project No.: 701817
STAT Sample No.: 917046

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1040
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.96 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 33.9 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 52.8 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 27.2 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 18.5 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KM

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-003
STAT Project No.: 701817
STAT Sample No.: 917047

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1045
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 85.90 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB31-003
STAT Project No.: 701817
STAT Sample No.: 917047

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1045
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 85.90 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 9.52 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 37.9 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 14.1 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 15.5 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. VAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-001
STAT Project No.: 701817
STAT Sample No.: 917048

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1100
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.20 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-001
STAT Project No.: 701817
STAT Sample No.: 917048

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1100
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.20 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 3.55 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 66.3 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 20.1 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 21.8 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-002
STAT Project No.: 701817
STAT Sample No.: 917049

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1115
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.60 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-002
STAT Project No.: 701817
STAT Sample No.: 917049

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1115
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.60 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 2.05 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 58.8 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 20.9 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 16.3 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-003
STAT Project No.: 701817
STAT Sample No.: 917050

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1120
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 81.71 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB32-003
STAT Project No.: 701817
STAT Sample No.: 917050

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1120
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 81.71 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 8.10 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 42.5 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 22.6 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 13.5 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-001
STAT Project No.: 701817
STAT Sample No.: 917051

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1300
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.50 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.003 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | 1.06 | mg/Kg |
| Acenaphthene | 0.025 | 0.070 | mg/Kg |
| Fluorene | 0.025 | 0.221 | mg/Kg |
| Phenanthrene | 0.025 | 0.403 | mg/Kg |
| Anthracene | 0.025 | 0.351 | mg/Kg |
| Fluoranthene | 0.025 | 1.02 | mg/Kg |
| Pyrene | 0.025 | 0.981 | mg/Kg |
| Chrysene | 0.025 | 0.803 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.741 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.316 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.389 | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.449 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.331 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.170 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.318 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-001
STAT Project No.: 701817
STAT Sample No.: 917051

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1300
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.50 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.56 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 73.3 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 16.6 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 228 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.118 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-002
STAT Project No.: 701817
STAT Sample No.: 917052

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1305
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 88.08 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.017 | mg/Kg |
| Toluene | 0.005 | 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.200 | 1.90 | mg/Kg |
| Acenapthylene | 0.200 | 8.09 | mg/Kg |
| Acenaphthene | 0.200 | 0.883 | mg/Kg |
| Fluorene | 0.200 | 1.95 | mg/Kg |
| Phenanthrene | 0.200 | 0.548 | mg/Kg |
| Anthracene | 0.200 | 2.36 | mg/Kg |
| Fluoranthene | 0.200 | 0.951 | mg/Kg |
| Pyrene | 0.200 | 2.74 | mg/Kg |
| Chrysene | 0.200 | 1.34 | mg/Kg |
| Benzo[a]anthracene | 0.200 | 1.32 | mg/Kg |
| Benzo[b]fluoranthene | 0.200 | 0.809 | mg/Kg |
| Benzo[k]fluoranthene | 0.200 | 0.607 | mg/Kg |
| Benzo[a]pyrene | 0.200 | 1.19 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.200 | 1.59 | mg/Kg |
| Dibenz[a,h]anthracene | 0.200 | 0.792 | mg/Kg |
| Benzo[g,h,i]perylene | 0.200 | 2.14 | mg/Kg |

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-002
STAT Project No.: 701817
STAT Sample No.: 917052

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1305
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 88.08 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 3.07 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 50.8 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 14.0 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 203 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | 0.048 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ - Nondetect estimated value. Poor LCS recovery. KMN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-003
STAT Project No.: 701817
STAT Sample No.: 917053

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1310
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 84.98 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.050 | 26.0 | mg/Kg |
| Toluene | 0.050 | 0.978 | mg/Kg |
| Ethyl Benzene | 0.050 | 41.4 | mg/Kg |
| Xylenes (total) | 0.050 | 64.1 | mg/Kg |
| Styrene | 0.050 | < 0.050 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | 1.38 J | mg/Kg |
| Acenapthylene | 0.025 | 0.769 J | mg/Kg |
| Acenaphthene | 0.025 | 0.735 J | mg/Kg |
| Fluorene | 0.025 | 1.27 J | mg/Kg |
| Phenanthrene | 0.025 | 1.74 J | mg/Kg |
| Anthracene | 0.025 | 0.649 J | mg/Kg |
| Fluoranthene | 0.025 | 0.762 J | mg/Kg |
| Pyrene | 0.025 | 1.51 J | mg/Kg |
| Chrysene | 0.025 | 0.745 J | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.689 J | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | 0.197 J | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | 0.217 J | mg/Kg |
| Benzo[a]pyrene | 0.025 | 0.339 J | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | 0.163 J | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | 0.093 J | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | 0.144 J | mg/Kg |

J: Estimated value. Poor surrogate recovery

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-003
STAT Project No.: 701817
STAT Sample No.: 917053

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1310
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 84.98 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 4.13 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 63.1 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 20.2 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 20.7 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB61-004
STAT Project No.: 701817
STAT Sample No.: 917054

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1320
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.03 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/6/01 | | | |
| Benzene | 0.250 | 115 | mg/Kg |
| Toluene | 0.250 | 73.2 | mg/Kg |
| Ethyl Benzene | 0.250 | 36.5 | mg/Kg |
| Xylenes (total) | 0.250 | 72.2 | mg/Kg |
| Styrene | 0.250 | 4.99 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01, 5/7/01 | | | |
| Naphthalene | 0.050 | 15.6 | mg/Kg |
| Acenapthylene | 0.050 | 6.70 | mg/Kg |
| Acenaphthene | 0.050 | 5.15 | mg/Kg |
| Fluorene | 0.050 | 14.4 | mg/Kg |
| Phenanthrene | 0.050 | 33.8 | mg/Kg |
| Anthracene | 0.050 | 7.91 | mg/Kg |
| Fluoranthene | 0.050 | 7.81 | mg/Kg |
| Pyrene | 0.050 | 10.3 | mg/Kg |
| Chrysene | 0.050 | 6.61 | mg/Kg |
| Benzo[a]anthracene | 0.050 | 6.29 | mg/Kg |
| Benzo[b]fluoranthene | 0.050 | 1.32 | mg/Kg |
| Benzo[k]fluoranthene | 0.050 | 1.20 | mg/Kg |
| Benzo[a]pyrene | 0.050 | 1.78 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.050 | 0.712 | mg/Kg |
| Dibenz[a,h]anthracene | 0.050 | 0.478 | mg/Kg |
| Benzo[g,h,i]perylene | 0.050 | 0.587 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB61-004 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 1320 |
| STAT Sample No.: | 917054 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.03 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.14 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 48.0 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 20.9 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 13.5 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB60-001
STAT Project No.: 701817
STAT Sample No.: 917055

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1515
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 80.56 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | 0.004 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | 0.065 | mg/Kg |
| Acenapthylene | 0.025 | 0.048 | mg/Kg |
| Acenaphthene | 0.025 | 0.037 | mg/Kg |
| Fluorene | 0.025 | 0.152 | mg/Kg |
| Phenanthrene | 0.025 | 0.277 | mg/Kg |
| Anthracene | 0.025 | 0.093 | mg/Kg |
| Fluoranthene | 0.025 | 0.067 | mg/Kg |
| Pyrene | 0.025 | 0.111 | mg/Kg |
| Chrysene | 0.025 | 0.050 | mg/Kg |
| Benzo[a]anthracene | 0.025 | 0.044 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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NVLAP® & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB60-001
STAT Project No.: 701817
STAT Sample No.: 917055

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1515
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 80.56 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 7.95 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 47.7 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 21.7 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 18.1 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 0.500 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KAN

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# Analytical Report

Client: Burns & McDonnell
Project ID: 27194-4.07, Peoples-Rogers Park Main & East
Sample Number: RPM-SB60-002
STAT Project No.: 701817
STAT Sample No.: 917056

Date Received: 5/3/01
Date Taken: 5/2/01
Time Taken: 1520
Date Reported: 5/7/01

| Analyte | Detection Limit | Result | Units |
|---|---|---|---|
| Solids, Total | | 82.77 | % |
| **BTEX/Styrene Method 5035/8260B** | | | |
| Analysis Date: 5/4/01 | | | |
| Benzene | 0.002 | < 0.002 | mg/Kg |
| Toluene | 0.005 | < 0.005 | mg/Kg |
| Ethyl Benzene | 0.005 | < 0.005 | mg/Kg |
| Xylenes (total) | 0.005 | < 0.005 | mg/Kg |
| Styrene | 0.005 | < 0.005 | mg/Kg |
| **Polynuclear Aromatic Hydrocarbons Method 8270C** | | | |
| Preparation Date: 5/4/01 | | | |
| Analysis Date: 5/5/01 | | | |
| Naphthalene | 0.025 | < 0.025 | mg/Kg |
| Acenapthylene | 0.025 | < 0.025 | mg/Kg |
| Acenaphthene | 0.025 | < 0.025 | mg/Kg |
| Fluorene | 0.025 | < 0.025 | mg/Kg |
| Phenanthrene | 0.025 | < 0.025 | mg/Kg |
| Anthracene | 0.025 | < 0.025 | mg/Kg |
| Fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Pyrene | 0.025 | < 0.025 | mg/Kg |
| Chrysene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[b]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[k]fluoranthene | 0.025 | < 0.025 | mg/Kg |
| Benzo[a]pyrene | 0.025 | < 0.025 | mg/Kg |
| Indeno[1,2,3-cd]pyrene | 0.025 | < 0.025 | mg/Kg |
| Dibenz[a,h]anthracene | 0.025 | < 0.025 | mg/Kg |
| Benzo[g,h,i]perylene | 0.025 | < 0.025 | mg/Kg |

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# Analytical Report

| | | | |
|---|---|---|---|
| Client: | Burns & McDonnell | | |
| Project ID: | 27194-4.07, Peoples-Rogers Park Main & East | Date Received: | 5/3/01 |
| Sample Number: | RPM-SB60-002 | Date Taken: | 5/2/01 |
| STAT Project No.: | 701817 | Time Taken: | 1520 |
| STAT Sample No.: | 917056 | Date Reported: | 5/7/01 |

| Analyte | Detection Limit | Result | Units | Date Analyzed | Method |
|---|---|---|---|---|---|
| Solids, Total | | 82.77 | % | 5/4/01 | 160.3 |
| Total Cyanide | 0.25 | < 0.25 | mg/Kg | 5/4/01 | 9010B/9014 |
| **RCRA Metals** | | | | | |
| Arsenic | 0.050 | 5.23 | mg/Kg | 5/6/01 | 6020 |
| Barium | 0.500 | 48.7 | mg/Kg | 5/6/01 | 6020 |
| Cadmium | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |
| Chromium | 0.500 | 21.3 | mg/Kg | 5/6/01 | 6020 |
| Lead | 0.500 | 13.1 | mg/Kg | 5/6/01 | 6020 |
| Mercury | 0.040 | < 0.040 | mg/Kg | 5/7/01 | 7471A |
| Selenium | 1.00 | < 1.00 UJ | mg/Kg | 5/6/01 | 6020 |
| Silver | 0.500 | < 0.500 | mg/Kg | 5/6/01 | 6020 |

UJ: Nondetect estimated value. Poor LCS recovery. KM

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*e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0*

AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

NVLAP®

№: 701817

# CHAIN OF CUSTODY RECORD



Client Name: Burns + McDonnell
Project Number: 27194-4.07
Project Name: Peoples-Rogers Park Main + East
Location/Address: 6059 Kedzie, Chicago, IL
Samplers: Libby Northrip / Daria Prawlocki

TYPE OF ANALYSES

Turnaround Time: 2 (days)

Results Needed: 5/07/01 am/pm

| Client Sample No.: | Sample Description | Date Taken | Time Taken | Comp | Grab | No. of Containers | BTEX/Styrene 8260 | PAH 8270C SIM | RCRA Metals 6010/7000 | Cyanide 335.2/9010B | SPLP Lead | Remarks | Lab No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RPM-SB33-001 | 5/2/01 | 0830 | | X | 6 | X | X | X | X | | 1-2' | 917034 |
| 2 | RPM-SB33-002 | | 0835 | | | 6 | X | X | X | X | X | 2-3' | 917035 |
| 3 | RPM-SB33-003 | | 0840 | | | 6 | X | X | X | X | | 3-5' | 917036 |
| 4 | RPM-SB33-004 | | 0845 | | | 6 | X | X | X | X | | 7-9' | 917037 |
| 5 | RPM-SB29-001 | | 0855 | | | 6 | X | X | X | X | | 2-3' | 917038 |
| 6 | RPM-SB29-002 | | 0900 | | | 6 | X | X | X | X | | 5-7' | 917039 |
| 7 | RPM-SB29A-001 | | 0920 | | | 6 | X | X | X | X | | 2-3' | 917040 |
| 8 | RPM-SB29A-002 | | 0935 | | | 6 | X | X | X | X | | 9-11' | 917041 |
| 9 | RPM-SB30-001 | | 0950 | | | 6 | X | X | X | X | | 2-3' | 917042 |
| 10 | RPM-SB30-002 | | 1000 | | | 6 | X | X | X | X | | 3-5' | 917043 |
| 11 | RPM-SB30-003 | | 1010 | | | 6 | X | X | X | X | | 7-9' | 917044 |
| 12 | RPM-SB31-001 | | 1030 | | | 6 | X | X | X | X | | 1-2' | 917045 |
| 13 | RPM-SB31-002 | | 1040 | | | 6 | X | X | X | X | | 2-3' | 917046 |
| 14 | RPM-SB31-003 | | 1045 | | | 6 | X | X | X | X | | 5-7' | 917047 |
| 15 | RPM-SB32-001 | | 1100 | | | 6 | X | X | X | X | | 1-2' | 917048 |
| 16 | RPM-SB32-002 | | 1115 | | | 6 | X | X | X | X | | 2-3' | 917049 |
| 17 | RPM-SB32-003 | | 1120 | | | 6 | X | X | X | X | | 3-5' | 917050 |
| 18 | RPM-SB61-001 | | 1300 | | | 5 | X | X | X | X | | 0-1' | 917051 |
| 19 | RPM-SB61-002 | | 1305 | | | 6 | X | X | X | X | | 1-2' | 917052 |
| 20 | RPM-SB61-003 | | 1310 | | | 6 | X | X | X | X | | 2-3' | 917053 |
| 21 | RPM-SB61-004 | ↓ | 1320 | | ↓ | 6 | X | X | X | X | | 4-6' | 917054 |

| | | |
|---|---|---|
| Relinquished by: (Signature) [signature] | Date/Time: 5/3/01 0950 | |
| Received by: (Signature) [signature] | Date/Time: 5/3/01 0950 | |
| Relinquished by: (Signature) | Date/Time: | |
| Received for lab by: (Signature) [signature] | Date/Time: 5/3/01 1110 | |
| Relinquished by: (Signature) | Date/Time: | |

| Lab. Use: | Sample Verification | |
|---|---|---|
| - Container OK | Yes ✓ | No |
| - Samples Leaking | Yes | No ✓ |
| - Refrigerated (Temp: 5 °C) | Yes ✓ | No |
| - Sample Labels Match Sample ID | Yes ✓ | No |

Contact Information:
Phone Number: 630-990-0300
Fax Number: 630-990-0301
Attention: M. Kelley
Other Contact: L. Northrip

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AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

NVLAP®

Nº: 701817

# CHAIN OF CUSTODY RECORD



Client Name: Burns + McDonnell
Project Number: 27194-4.07
Project Name: Peoples-Rogers Park Main + East
Location/Address: 6659 Kedzie, Chicago, IL
Samplers: Libby Northrip | Daria Prawlocki

TYPE OF ANALYSES

Turnaround Time: 2 (days)

Results Needed: 5/07/01 am/pm

| Client Sample No.: | Sample Description | Date Taken | Time Taken | Comp. | Grab | No. of Containers | BTEX/Styrene 8260 | PAHs 8270C SIM | RCRA Metals 6000/7000 | Cyanide 335.2/9010B | SPLP Lead | Remarks | Lab No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RPM-SB60-001 | 5/2/01 | 1515 | | X | 6 | X | X | X | X | | 3-5' | 917055 |
| 2 | RPM-SB60-002 | 1 | 1520 | | X | 6 | X | X | X | X | | 7-9' | 917056 |

| | | |
|---|---|---|
| Relinquished by: (Signature) Libby Northrip | Date/Time: 5/3/01 0950 | |
| Received by: (Signature) Alex Alvarez | Date/Time: 5-3-01 0950 | |
| Relinquished by: (Signature) | Date/Time: | |
| Received for lab by: (Signature) | Date/Time: 5/3/01 1110 | |
| Relinquished by: (Signature) | Date/Time: | |

| Lab. Use: | Sample Verification | |
|---|---|---|
| - Container OK | Yes ✓ | No |
| - Samples Leaking | Yes | No ✓ |
| - Refrigerated (Temp: 5 °C) | Yes ✓ | No |
| - Sample Labels Match Sample ID | Yes ✓ | No |

Contact Information:
Phone Number: 630-990-0300
Fax Number: 630-990-0301
Attention: M. Kelley
Other Contact: L. Northrip

## Craig

**From:** Margaret Kelley <mkelley@burnsmcd.com>
**To:** <CChawla@STATAnalysis.com>
**Cc:** Kim Nichols <knichols@burnsmcd.com>
**Sent:** Tuesday, May 08, 2001 9:31 AM
**Subject:** Rogers Park

Craig - thanks for keeping things moving so quickly. We reviewed the new data and request that you do SPLP lead on the RPM SB33-002.

917035 17 of 817

More confirmatory samples will be coming, and i believe you got 4 yesterday. Do you know when they will be done.

When do you anticipate delivery of the standard turn around time analyses?

thanks

Margaret H. Kelley PE
Senior Environmental Engineer
Burns & McDonnell Engineering Company, Inc.
2601 West 22nd Street
Oak Brook, IL 60523-1229
Tel : 630 990 0302, xt 282
Fax: 630 990 0301
mkelley@burnsmcd.com

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# INORGANIC MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Burns & McDonnell
Project No.: 27194-4.07
Batch No.: 701817
Matrix (soil/water): Soil
(mg/L or mg/kg): µg/Kg

Instrument: ICPMS, CV, LaCHAT

| | | Weight |
|---|---|---|
| Sample No. | 917043 | |
| Sample Spike No.: | 917043 MS | 1.000 |
| Sample Spike Duplicate No: | 917043 MSD | 1.000 |

| Analyte | Spike Added MS | Spike Added MSD | Sample Result | MS | %R | C | MSD | %R | C | RPD | Q | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 500 | 500 | 302 | 716 | 83.0 | | 603 | 60.2 | # | 17.2 | | MS |
| Barium | 500 | 500 | 1,189 | 1,579 | 78.0 | | 1,796 | 121 | | 12.9 | | MS |
| Cadmium | 500 | 500 | 3.59 | 512 | 102 | | 514 | 102 | | 0.3 | | MS |
| Chromium | 500 | 500 | 381 | 821 | 88.0 | | 886 | 101 | | 7.6 | | MS |
| Lead | 500 | 500 | 735 | 1,907 | 234 | # | 1,445 | 142 | # | 27.6 | # | MS |
| Mercury | 2.50 | 2.50 | 0.20 | 2.85 | 106 | | 2.91 | 108 | | 2.1 | | CV |
| Selenium | 500 | 500 | 14.2 | 510 | 99.2 | | 501 | 97.3 | | 1.9 | | MS |
| Silver | 500 | 500 | 2.42 | 274 | 54.4 | # | 282 | 56.0 | # | 2.9 | | MS |
| | | | | | | | | | | | | |
| Cyanide | 250 | 250 | -0.38 | 305 | 122 | | 305 | 122 | | 0.1 | | LC |

# Outside of Control Limits

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NVLAP & AIHA Environmental Lead and Industrial Hygiene ACCREDITED LABORATORY

# INORGANIC Initial Batch QC

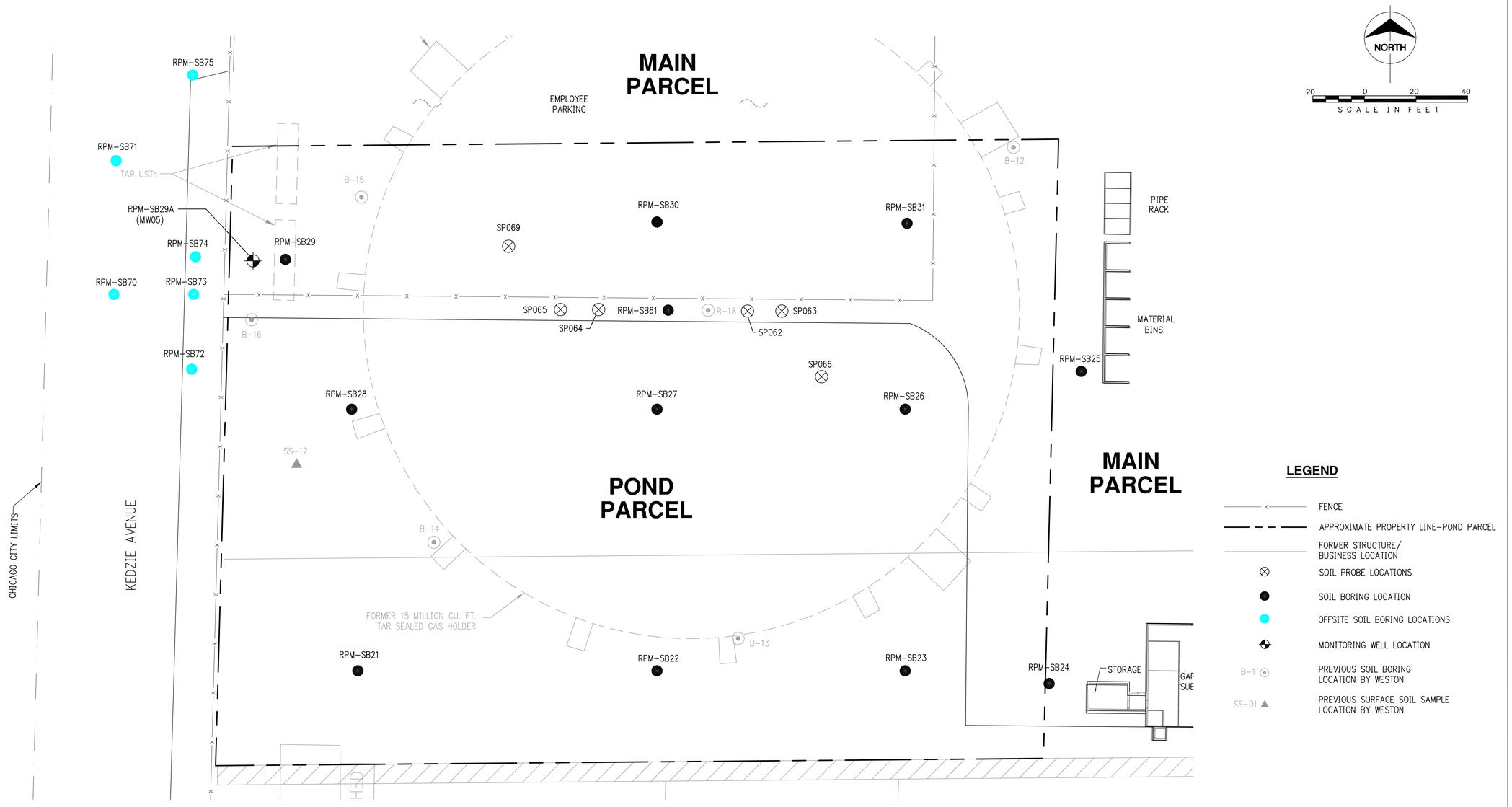
Lab Name: STAT Analysis
Project No.: 27194-4.07
Batch No.: 701817

Contract: Burns & McDonnell
Instrument: ICPMS, CV, LaCHAT

| Analyte | LCS 1 (µg/L) True | LCS 1 (µg/L) Found | LCS 1 (µg/L) %R | LCS 2 (µg/L) True | LCS 2 (µg/L) Found | LCS 2 (µg/L) %R | RPD | C | Preparation Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 500 | 419 | 83.8 | 500 | 400 | 79.9 | 4.7 | | 0.07 | | MS |
| Barium | 500 | 480 | 96.0 | 500 | 465 | 93.0 | 3.2 | | -0.25 | | MS |
| Cadmium | 500 | 443 | 88.6 | 500 | 425 | 85.0 | 4.1 | | 0.05 | | MS |
| Chromium | 500 | 481 | 96.3 | 500 | 462 | 92.5 | 4.0 | | 0.41 | | MS |
| Lead | 500 | 477 | 95.4 | 500 | 459 | 91.9 | 3.8 | | 0.26 | | MS |
| Mercury | 2.50 | 2.61 | 104 | 2.50 | 2.63 | 105 | 0.8 | | 0.00 | | CV |
| Selenium | 500 | 387 | 77.3 | 500 | 372 | 74.4 | 3.9 | | -0.03 | | MS |
| Silver | 500 | 464 | 92.9 | 500 | 442 | 88.5 | 4.8 | | 1.61 | | MS |
| | | | | | | | | | | | |
| Cyanide | 250 | 249 | 99.4 | 250 | 249 | 99.4 | 0.0 | | -1.89 | | LC |

Figure

The Peoples Gas Light and Coke Company
The Rogers Park Sub-Shop
Pond Parcel




## LEGEND

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

SOURCES:

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

NOTES:

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

Burns & McDonnell SINCE 1898

| | |
|---|---|
| date 9-4-01 | detailed GA |
| designed | checked |

**THE PEOPLES GAS LIGHT AND COKE COMPANY CHICAGO, ILLINOIS**

FIGURE 1
SAMPLE LOCATION MAP
ROGERS PARK - POND PARCEL
6659 N. KEDZIE AVENUE

| | |
|---|---|
| project 27194 | contract |
| drawing | rev. — |
| sheet | of sheets |

file: I:\PEOPLES GAS\ROGERS PARK\CAD\POND PARCEL\SI DATA BOOK\SAMPLE LOCATION