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*Since 1984 - Environmental Excellence*

April 11, 2005

Mr. Frank Sowers, PE
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

**RE: STATUS REPORT-CHURCHVILLE FORD SITE #V00658-8**

Dear Mr. Sowers:

This letter report, tables, and attachments presents the status of the environmental investigation at the subject site. We apologize for any inconvenience that you experienced during the several changes in project management, and will endeavor to keep the situation from occurring again.

**Site Work**

On July 19-22, 2004, ENTRIX, Inc. (ENTRIX) installed the following:

- Six groundwater monitoring wells, designated MW-1, MW-3, MW-6, MW-13, MW-21, and MW-22, were installed at the site. During the installation, soil removed from each monitoring well boring was scanned for the presence of organic vapors every two feet. The highest reading from each section was preserved and transported to an analytical laboratory for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals (refer to soil summary table). The wells were installed with 10-foot screens in an unconsolidated water-bearing unit generally consisting of brown sandy clay with gravel.

- Twenty soil borings, designated SB-A through SB-T, were installed at the site, each approximately 12-feet deep. During the installation, soil removed from each boring was scanned for the presence of organic vapors every two feet. The highest reading from each section was preserved and transported to an analytical laboratory for analysis of VOCs, SVOCs, and metals (refer to soil summary table).
- Nine shallow surface soil borings, designated SSB1 through SSB-9, were installed at a depth of approximately 2-feet. Samples were taken of the extracted soil and transported to an analytical laboratory for analysis of VOCs, SVOCs, and metals (refer to soil summary table).
- One sediment sample, labeled SW-1, was taken from a storm water drain located down-slope of MW-1, and analyzed for VOCs, SVOCs, and metals

On August 17-19, 2005, ENTRIX performed the following field work:

- All six groundwater-monitoring wells were purged and sampled for select VOCs and SVOCs (refer to groundwater summary table).
- Holes were drilled in the floor of the building for the purpose of taking soil gas samples. Eight summa canisters were installed to take subsurface gas samples. One canister (#102) was placed outside of the building to collect a sample of the ambient outside air, and one was placed to sample the ambient air in the office area (#403). Upon completion of sampling, the Summa canisters were transported to an analytical laboratory and analyzed for a list of common air pollutants (refer to Summa canister summary table.

**Ongoing Work**

ENTRIX is currently completing an analysis of the results of the analytical testing, and will shortly be providing to you a map showing each sampling location, any contaminants that were identified at each location, along with the concentration, and groundwater contours generated from the monitoring well sampling. Once this mapping is completed, we will consult with you concerning subsequent analyses investigation needed.

ENTRIX

Thank you for your attention to this project, and your patience. Please contact me at 216-642-8225 or skilper@entrix.com with any questions.

Stephen G. Kilper, PE
Senior Consultant/Ohio Office Manager

# GROUNDWATER RESULTS
# FORMER CHURCHVILLE FORD

| Sample ID: | MW-6 | MW-3 | DUP-GW-1 | MW-1 | MW-13 | MW-21 | MW-22 | RB-GW-1 | TB-GW-1 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 | 08/19/04 |
| Units: | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l |
| **SVOCs** | | | | | | | | | |
| Phenol | ND | ND | ND | ND | ND | ND | ND | -- | 1J |
| Di-n-octylphthalate | ND | ND | ND | ND | ND | 3J | 4J | -- | 4J |
| 4-Methylphenol | ND | ND | ND | ND | 2J | ND | ND | -- | ND |
| **VOCs** | | | | | | | | | |
| Methyl Tertiary Butyl Ether | ND | 4J | 4J | 12 | ND | ND | 0.9J | ND | ND |
| Dichlorodifluoromethane | 8 | 6 | 6 | 3J | ND | ND | ND | ND | ND |
| Vinyl Chloride | ND | ND | ND | 5 | ND | ND | ND | ND | ND |
| Chloroethane | ND | ND | ND | 2J | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | ND | 1J | 0.9J | 1J | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | ND | 1J | 1J | 12 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | ND | 360 | 330 | 340 | 1J | 0.9J | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | ND | 0.9J | ND | ND | 7 |
| Benzene | ND | ND | ND | 0.8J | ND | 0.6J | ND | ND | ND |
| Trichloroethene | 16 | 50 | 44 | 3J | ND | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | ND | ND | 4J |
| Toluene | ND | ND | ND | ND | ND | ND | ND | ND | 4J |
| Tetrachloroethene | 51 | 35 | 30 | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | ND | ND | 1J |
| Acetone | ND | ND | ND | ND | 9J | 10J | ND | ND | ND |
| Carbon Disulfide | ND | ND | ND | ND | 1J | 1J | ND | ND | ND |
| Xylene (Total) | ND | ND | ND | ND | 0.9J | ND | ND | ND | ND |

ug/l = micrograms per liter
"--" = not analyzed
ND = Not detected at or above the limit of quantitation
J = estimated value, the result is $\geq$ the method detection limit and < the limit of quantitation

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | MW-1 | MW-1 | MW-3 | MW-3 | MW-22 | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | MW-1-(2-4) | MW-1-(18-20) | MW-3-(4-6) | MW-3-(18-20) | MW-22-(2-4) | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
| Sample Date: | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | grab | grab | grab | grab | grab | composite | composite | composite | composite | composite | composite |

**SVOC (ug/kg)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenol | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | | 320J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methylphenol | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Methylnaphthalene | | 1,100J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acenaphthene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Pyrene | | 840J | ND | ND | ND | ND | 2,100 | 320J | ND | 440J | 370J | 400J |
| Fluorene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Phenanthrene | | 340J | ND | ND | ND | ND | 1,300J | ND | ND | 380J | ND | 390J |
| Anthracene | | ND | ND | ND | ND | ND | 280J | ND | ND | ND | ND | ND |
| Fluoranthene | | 220J | ND | ND | ND | ND | 2,100 | 370J | ND | 500J | 380J | 500J |
| Butylbenzylphthalate | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(a)anthracene | | 220J | ND | ND | ND | ND | 1,000J | ND | ND | 240J | ND | 210J |
| Chrysene | | 250J | ND | ND | ND | ND | 1,300J | 230J | ND | 250J | 250J | 250J |
| bis(2-ethylhexyl)phthalate | | 4,500J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(b)fluoranthene | | 220J | ND | ND | ND | ND | 1,500J | 330J | ND | 310J | 430J | 320J |
| Benzo(k)fluoranthene | | ND | ND | ND | ND | ND | 690J | ND | ND | ND | ND | ND |
| Benzo(a)pyrene | | ND | ND | ND | ND | ND | 1,100J | ND | ND | 220J | 300J | 230J |
| Indeno(1,2,3-cd) pyrene | | ND | ND | ND | ND | ND | 820 | ND | ND | ND | 210J | ND |
| Dibenzo(a,h) anthracene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(g,h,i)perylene | | 260J | ND | ND | ND | ND | 770J | ND | ND | ND | 220J | ND |
| Dibenzofuran | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbazole | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boring ID: | | SSB-7 | SSB-8 | SSB-9 | SB-A | SB-B | SB-C | SB-C | SB-D | SB-E | SB-F | SB-G | SB-H |
| Sample ID: | | SSB-7 | SSB-8 | SSB-9 | SB-A-(2-4) | SB-B-(6-8) | SB-C-(2-4) | SB-C-(6-8) | SB-D-(2-4) | SB-E-(6-8) | SB-F-(2-4) | SB-G-(0-2) | SB-H-(4-6) |
| Sample Date: | | 7/21/04 | 7/21/04 | 7/21/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 |
| Depth: | | composite | composite | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **SVOC (ug/kg)** | | | | | | | | | | | | | |
| Phenol | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | 47J | ND | ND |
| 4-Methylphenol | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Methylnaphthalene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | 140J | ND | ND |
| Acenaphthene | | ND | ND | 900J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Pyrene | | 360J | 720J | 21,000 | ND | ND | 71 | ND | ND | ND | 70J | ND | 620J |
| Fluorene | | ND | ND | 1,100J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Phenanthrene | | ND | 370J | 14,000 | ND | ND | ND | ND | ND | ND | 46J | ND | 540J |
| Anthracene | | ND | ND | 2,600 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Fluoranthene | | 400J | 890J | 24,000 | ND | ND | ND | ND | ND | ND | 58J | ND | 800J |
| Butylbenzylphthalate | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(a)anthracene | | ND | 380J | 10,000 | ND | ND | ND | ND | ND | ND | ND | ND | 270 |
| Chrysene | | 230J | 470J | 13,000 | ND | ND | ND | ND | ND | ND | ND | ND | 320 |
| bis(2-ethylhexyl)phthalate | | ND | ND | <640 | ND | ND | 200J | ND | ND | ND | 130J | ND | ND |
| Benzo(b)fluoranthene | | 470J | 720J | 18,000 | ND | ND | ND | ND | ND | ND | ND | ND | 380J |
| Benzo(k)fluoranthene | | ND | 290J | 6,300 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(a)pyrene | | 310J | 520J | 13,000 | ND | ND | ND | ND | ND | ND | ND | ND | 250J |
| Indeno(1,2,3-cd) pyrene | | 260J | 360J | 12,000 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibenzo(a,h) anthracene | | ND | ND | 2,800 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(g,h,i)perylene | | 270J | 400J | 12,000 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibenzofuran | | ND | ND | 420J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbazole | | ND | ND | 1,600 | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boring ID: | | SB-I | SB-J | SB-K | SB-L | SB-M | SB-N | SB-O | SB-P | SB-Q | SB-R | SB-S | SB-T |
| Sample ID: | | SB-I-(6-8) | SB-J-(2-4) | SB-K-(2-4) | SB-L-(2-4) | SB-M-(2-4) | SB-N-(2-4) | SB-O-(2-4) | SB-P-(0-2) | SB-Q-(4-6) | SB-R-(2-4) | SB-S-(2-4) | SB-T-(2-4) |
| Sample Date: | | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 |
| Depth: | | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **SVOC (ug/kg)** | | | | | | | | | | | | | |
| Phenol | | ND | ND | ND | 69J | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | | ND | ND | ND | 71J | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methylphenol | | ND | ND | ND | 340J | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Methylnaphthalene | | ND | ND | ND | 56J | ND | ND | ND | ND | ND | ND | ND | ND |
| Acenaphthene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Pyrene | | ND | ND | 510J | 140J | ND | ND | ND | ND | ND | ND | ND | ND |
| Fluorene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Phenanthrene | | ND | ND | ND | 65J | ND | ND | ND | ND | ND | ND | ND | ND |
| Anthracene | | ND | ND | 140J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Fluoranthene | | ND | ND | 620 | 130J | ND | ND | ND | ND | ND | ND | ND | ND |
| Butylbenzylphthalate | | ND | ND | ND | 340J | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(a)anthracene | | ND | ND | 240J | 40J | ND | ND | ND | ND | ND | ND | ND | ND |
| Chrysene | | ND | ND | 250J | 50J | ND | ND | ND | ND | ND | ND | ND | ND |
| bis(2-ethylhexyl)phthalate | | ND | ND | 110J | 900 | 120J | ND | ND | ND | ND | ND | ND | ND |
| Benzo(b)fluoranthene | | ND | ND | 280J | 61J | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(k)fluoranthene | | ND | ND | 130J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(a)pyrene | | ND | ND | 220J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Indeno(1,2,3-cd) pyrene | | ND | ND | 150J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibenzo(a,h) anthracene | | ND | ND | 40J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzo(g,h,i)perylene | | ND | ND | 130J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibenzofuran | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbazole | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | | | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SW-1 | DUP-1 | TBLANK-1 | RB-1 | FB-1 | TBLANK-2 | RB-2 | FB-2 | TB-3 | RB-3 | FB-3 |
| Sample Date: | 7/21/04 | 7/20/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |

**SVOC (ug/kg)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenol | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Naphthalene | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| 4-Methylphenol | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| 2-Methylnaphthalene | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Acenaphthene | | 840J | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Pyrene | | 24,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Fluorene | | 1,000J | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Phenanthrene | | 16,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Anthracene | | 2,100 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Fluoranthene | | 28,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Butylbenzylphthalate | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Benzo(a)anthracene | | 11,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Chrysene | | 15,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| bis(2-ethylhexyl)phthalate | | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Benzo(b)fluoranthene | | 17,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Benzo(k)fluoranthene | | 7,700 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Benzo(a)pyrene | | 13,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Indeno(1,2,3-cd) pyrene | | 11,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Dibenzo(a,h) anthracene | | 2,800 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Benzo(g,h,i)perylene | | 10,000 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Dibenzofuran | | 470J | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Carbazole | | 2,500 | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | MW-1 | MW-1 | MW-3 | MW-3 | MW-22 | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | MW-1-(2-4) | MW-1-(18-20) | MW-3-(4-6) | MW-3-(18-20) | MW-22-(2-4) | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
| Sample Date: | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | grab | grab | grab | grab | grab | composite | composite | composite | composite | composite | composite |

**VOC (ug/kg)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-tert-butyl-ether | | 8 | ND | 0.9J | ND | 2J | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | | ND | ND | ND | ND | 3J | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-dichloroethene | | 10 | ND | 17 | 1J | ND | ND | ND | ND | ND | ND | ND |
| Benzene | | 1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | | ND | ND | 18 | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | | 24 | ND | ND | 1J | ND | 1J | ND | ND | ND | ND | 12 |
| Tetrachloroethene | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | | 21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | | 46 | ND | 12J | ND | 8J | ND | ND | ND | ND | ND | 87 |
| 2-Butanone | | 15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 10J |
| 4-Methyl-2-Pentanone | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylene | | 190 | ND | ND | 1J | ND | 2J | ND | ND | ND | ND | ND |
| Methylcyclohexane | | 3J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | | 3J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | SSB-7 | SSB-8 | SSB-9 | SB-A | SB-B | SB-C | SB-C | SB-D | SB-E | SB-F | SB-G | SB-H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SSB-7 | SSB-8 | SSB-9 | SB-A-(2-4) | SB-B-(6-8) | SB-C-(2-4) | SB-C-(6-8) | SB-D-(2-4) | SB-E-(6-8) | SB-F-(2-4) | SB-G-(0-2) | SB-H-(4-6) |
| Sample Date: | 7/21/04 | 7/21/04 | 7/21/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 |
| Depth: | composite | composite | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab |

**VOC (ug/kg)**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-tert-butyl-ether | | ND | ND | ND | ND | ND | 1J | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | | ND | ND | ND | 3J | 3J | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | | ND | ND | ND | ND | ND | ND | 3J | ND | 13 | ND | ND | ND |
| cis-1,2-dichloroethene | | ND | ND | ND | ND | ND | 29 | 65 | ND | 190 | ND | ND | ND |
| Benzene | | ND | ND | ND | ND | ND | 0.7 | ND | ND | 0.8J | ND | ND | ND |
| Trichloroethene | | ND | ND | ND | ND | ND | 5J | ND | ND | ND | ND | ND | ND |
| Toluene | | ND | ND | 4J | ND | ND | 13 | ND | ND | ND | 2J | ND | 1J |
| Tetrachloroethene | | ND | ND | ND | ND | ND | 5J | 5 | ND | ND | ND | ND | ND |
| Ethylbenzene | | ND | ND | ND | ND | ND | 6J | ND | ND | ND | 7 | ND | ND |
| Acetone | | 13J | ND | 13J | ND | ND | 26 | ND | ND | ND | 32 | 39 | ND |
| 2-Butanone | | ND | ND | ND | ND | ND | 10J | ND | ND | ND | 10J | 9 | ND |
| 4-Methyl-2-Pentanone | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylene | | ND | ND | ND | ND | ND | 49 | ND | ND | ND | 110 | ND | ND |
| Methylcyclohexane | | ND | ND | ND | ND | ND | 1J | ND | ND | ND | 2J | ND | ND |
| Dichlorodifluoromethane | | ND | ND | ND | ND | ND | 4J | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | | ND | ND | ND | ND | ND | 1J | ND | ND | ND | 8 | ND | ND |
| Chloroform | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | SB-I | SB-J | SB-K | SB-L | SB-M | SB-N | SB-O | SB-P | SB-Q | SB-R | SB-S | SB-T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SB-I-(6-8) | SB-J-(2-4) | SB-K-(2-4) | SB-L-(2-4) | SB-M-(2-4) | SB-N-(2-4) | SB-O-(2-4) | SB-P-(0-2) | SB-Q-(4-6) | SB-R-(2-4) | SB-S-(2-4) | SB-T-(2-4) |
| Sample Date: | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 |
| Depth: | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **VOC (ug/kg)** | | | | | | | | | | | | |
| Methyl-tert-butyl-ether | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | ND | ND | ND | ND | ND | ND | 3J | ND | ND | 4J | ND | 3J |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-dichloroethene | ND | ND | ND | ND | ND | 2J | ND | ND | ND | ND | ND | ND |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | ND | ND | ND | ND | 2J | ND | ND | ND | 6 | ND | ND | 2J |
| Toluene | ND | ND | ND | ND | ND | ND | ND | 1J | ND | ND | ND | ND |
| Tetrachloroethene | ND | ND | ND | ND | 20J | ND | ND | ND | 30 | ND | ND | 15 |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | ND | 8J | ND | ND | ND | 130 | 17J | 11J | ND | 40 | 8J | 8J |
| 2-Butanone | ND | ND | ND | ND | ND | 42 | ND | ND | ND | 11J | ND | ND |
| 4-Methyl-2-Pentanone | ND | ND | ND | ND | ND | 3J | ND | ND | ND | ND | ND | ND |
| Xylene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylcyclohexane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | | | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SW-1 | DUP-1 | TBLANK-1 | RB-1 | FB-1 | TBLANK-2 | RB-2 | FB-2 | TB-3 | RB-3 | FB-3 |
| Sample Date: | 7/21/04 | 7/20/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **VOC (ug/kg)** | | | | | | | | | | | |
| Methyl-tert-butyl-ether | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | ND | 1J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-dichloroethene | 4J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 7J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 19 | 2J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | ND | 30 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone | ND | 9J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-Pentanone | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylene | ND | 14 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylcyclohexane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | ND | ND | ND | ND | ND | ND | ND | 10 | ND | 11 | 10 |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | ND | 5 | ND | 5 | 5 |
| Dibromochloromethane | ND | ND | ND | ND | ND | ND | ND | 2J | ND | 2J | 2J |

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | MW-1 | MW-1 | MW-3 | MW-3 | MW-22 | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | MW-1-(2-4) | MW-1-(18-20) | MW-3-(4-6) | MW-3-(18-20) | MW-22-(2-4) | SSB-1 | SSB-2 | SSB-3 | SSB-4 | SSB-5 | SSB-6 |
| Sample Date: | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | grab | grab | grab | grab | grab | composite | composite | composite | composite | composite | composite |
| **Metals (mg/kg)** | | | | | | | | | | | |
| Mercury | -- | -- | -- | -- | 0.0037J | 0.05J | 0.05J | 0.05J | 0.02J | 0.04J | 0.02J |
| Aluminum | -- | -- | -- | -- | 7330 | 9,940 | 14,400 | 10,000 | 10,500 | 15,600 | 9,090 |
| Calcium | -- | -- | -- | -- | 67,300 | 45,000 | 5,580 | 99,500 | 35,600 | 22,500 | 141,000 |
| Iron | -- | -- | -- | -- | 12,100 | 15,400 | 17,200 | 13,900 | 14,100 | 17,800 | 10,200 |
| Magnesium | -- | -- | -- | -- | 35,100 | 22,400 | 3,400 | 23,800 | 18,700 | 8,280 | 14,300 |
| Potassium | -- | -- | -- | -- | 2,850 | 2,490 | 2,600 | 2,450 | 2,550 | 2,880 | 2,470 |
| Sodium | -- | -- | -- | -- | 246 | 263 | 200 | 172 | 146 | 200 | 223 |
| Thallium | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | -- | -- | -- | -- | 1.33 | 5.76 | 5.55 | 5.31 | 4.83 | 3.31 | 2.43 |
| Selenium | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| Antimony | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| Barium | -- | -- | -- | -- | 60.6 | 65.8 | 102 | 53.6 | 52 | 112 | 59 |
| Beryllium | -- | -- | -- | -- | 0.324J | 0.42J | 0.53J | 0.39J | 0.41J | 0.59J | 0.35J |
| Cadmium | -- | -- | -- | -- | 0.349J | 0.43J | 0.38J | 0.30J | 0.26J | 0.35J | 0.29J |
| Chromium | -- | -- | -- | -- | 9.29 | 13.8 | 16.7 | 11.6 | 14.4 | 19.7 | 11.4 |
| Cobalt | -- | -- | -- | -- | 3.9 | 5.02 | 5.54 | 4.28 | 5.26 | 6.92 | 4.02 |
| Copper | -- | -- | -- | -- | 9.74 | 21.9 | 10.8 | 9.75 | 9.61 | 11 | 10.1 |
| Lead | -- | -- | -- | -- | 5.91 | 31.8 | 23.8 | 26.6 | 20.4 | 14.5 | 11.7 |
| Manganese | -- | -- | -- | -- | 293 | 404 | 472 | 432 | 420 | 431 | 591 |
| Nickel | -- | -- | -- | -- | 8.87 | 11.7 | 12 | 8.71 | 10.4 | 14.8 | 8.99 |
| Silver | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | -- | -- | -- | -- | 15.3 | 19.4 | 27.4 | 18.8 | 21.3 | 29.9 | 18 |
| Zinc | -- | -- | -- | -- | 58.3 | 79.6 | 91.9 | 54.8 | 53.4 | 69.1 | 55.5 |

ug/kg = micrograms per kilogram
"--" = not analyzed
ND = Not detected at or above the limit of quantitation
J = estimated value, the result is $\geq$ the method detection limit and < the limit of quantitation

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | SSB-7 | SSB-8 | SSB-9 | SB-A | SB-B | SB-C | SB-C | SB-D | SB-E | SB-F | SB-G | SB-H |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SSB-7 | SSB-8 | SSB-9 | SB-A-(2-4) | SB-B-(6-8) | SB-C-(2-4) | SB-C-(6-8) | SB-D-(2-4) | SB-E-(6-8) | SB-F-(2-4) | SB-G-(0-2) | SB-H-(4-6) |
| Sample Date: | 7/21/04 | 7/21/04 | 7/21/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 |
| Depth: | composite | composite | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **Metals (mg/kg)** | | | | | | | | | | | | |
| Mercury | 0.03J | 0.02J | 0.01J | ND | ND | 0.0366J | 0.0045J | 0.0369J | 0.0041J | 0.0150J | 0.01J | 0.01J |
| Aluminum | 13,000 | 7,510 | 6,090 | 6,670 | 7,190 | 13,800 | 6,410 | 16,900 | 6,720 | 13600 | 9,320 | 8,610 |
| Calcium | 22,800 | 28,200 | 40,300 | 59,600 | 60,500 | 8,030 | 64,200 | 6,910 | 61,600 | 28500 | 27,300 | 48,800 |
| Iron | 15,700 | 10,200 | 10,700 | 10,900 | 11,000 | 16,600 | 10,500 | 18,000 | 10,800 | 16100 | 12,600 | 11,200 |
| Magnesium | 10,800 | 13,500 | 19,200 | 23,000 | 24,400 | 5,590 | 27,000 | 6,020 | 23,900 | 14500 | 13,800 | 19,500 |
| Potassium | 2,800 | 1,730 | 1,750 | 2,150 | 2,560 | 2,090 | 2,040 | 2,540 | 2,060 | 2810 | 2,450 | 2,570 |
| Sodium | 281 | 244 | 234 | 234 | 233 | 176 | 286 | 200 | 250 | 407 | 149 | 203 |
| Thallium | ND | ND | ND | 0.986J | ND | 1.32J | ND | 1.52J | 1.03J | 1.33J | ND | ND |
| Arsenic | 3.16 | 3.19 | 2.79 | 1.97 | 1.36 | 5.29 | 1.32 | 3.39 | 1.74 | 3.04 | 2.7 | 2.2 |
| Selenium | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Antimony | ND | ND | ND | ND | ND | ND | ND | 0.979J | 1.11J | ND | ND | ND |
| Barium | 72.8 | 51.3 | 60.5 | 51 | 46.6 | 63.7 | 61.3 | 71.6 | 49.3 | 65.5 | 43 | 50.5 |
| Beryllium | 0.50J | 0.30J | 0.27J | 0.272J | 0.296J | 0.543J | 0.277J | 0.636 | 0.294J | 0.513J | 0.41J | 0.32J |
| Cadmium | 0.31J | 0.25J | 0.43J | 0.359J | 0.358J | 0.431J | 0.387J | 0.4 J | 0.417J | 0.450J | 0.35J | 0.26J |
| Chromium | 15.8 | 10.1 | 48.5 | 8.71 | 9.16 | 14.2 | 7.85 | 18.7 | 9 | 14.9 | 11 | 11.1 |
| Cobalt | 6.01 | 4.61 | 3.61 | 3.99 | 3.63 | 6.15 | 3.46 | 6.75 | 3.69 | 5.72 | 4.29 | 4.17 |
| Copper | 12.6 | 8.81 | 12.8 | 9.84 | 9.26 | 9.41 | 8.17 | 10.7 | 8.71 | 13.4 | 9.9 | 9.18 |
| Lead | 18.8 | 14.5 | 15.4 | 6.35 | 5.93 | 24.1 | 5.42 | 20.8 | 5.91 | 14.1 | 8.29 | 9.19 |
| Manganese | 428 | 561 | 370 | 303 | 278 | 395 | 288 | 270 | 301 | 363 | 318 | 332 |
| Nickel | 12.9 | 8.51 | 9.68 | 7.93 | 8.09 | 10.9 | 7.07 | 14.2 | 8.31 | 13.1 | 10.7 | 8.95 |
| Silver | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | 25.3 | 16.6 | 14 | 15.4 | 16.1 | 25.5 | 14.2 | 30 | 15.2 | 24.2 | 17.6 | 18 |
| Zinc | 78.5 | 67.2 | 246 | 50.9 | 48 | 68.3 | 51.7 | 70.9 | 69.9 | 67.3 | 87.3 | 59.4 |

ug/kg = micrograms per kilogram
"--" = not analyzed
ND = Not detected at or above th
J = estimated value, the result is

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | SB-I | SB-J | SB-K | SB-L | SB-M | SB-N | SB-O | SB-P | SB-Q | SB-R | SB-S | SB-T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SB-I-(6-8) | SB-J-(2-4) | SB-K-(2-4) | SB-L-(2-4) | SB-M-(2-4) | SB-N-(2-4) | SB-O-(2-4) | SB-P-(0-2) | SB-Q-(4-6) | SB-R-(2-4) | SB-S-(2-4) | SB-T-(2-4) |
| Sample Date: | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/20/04 |
| Depth: | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |

**Metals (mg/kg)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.0063J | 0.0048J | ND | ND | ND | 0.0057J | 0.01J | 0.0042J | 0.0219J | 0.0038J | 0.007J |
| Aluminum | 6,760 | 7,040 | 8,210 | 7,200 | 7,040 | 7,050 | 6,870 | 9,800 | 7,150 | 12,800 | 6,190 | 6,890 |
| Calcium | 56,200 | 71,000 | 57,500 | 53,700 | 58,500 | 58,300 | 58,300 | 60,200 | 54,100 | 32,900 | 68,400 | 50,600 |
| Iron | 10,400 | 12,000 | 12,500 | 11,000 | 10,800 | 12,400 | 11,400 | 12,500 | 11,200 | 16,100 | 10,100 | 12,800 |
| Magnesium | 20,200 | 25,800 | 26,200 | 20,000 | 27,300 | 21,500 | 17,500 | 30,500 | 20,500 | 16,300 | 38,500 | 20,500 |
| Potassium | 2,320 | 1,840 | 3,110 | 2,310 | 2,150 | 1,820 | 1,960 | 3,120 | 2,330 | 2,750 | 1,900 | 1,870 |
| Sodium | 230 | 207 | 240 | 385 | 240 | 349 | 576 | 200 | 247 | 253 | 343 | 254 |
| Thallium | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | 1.86 | 1.83 | 1.51 | 1.56 | 1.41 | 1.43 | 1.3 | 2.56 | 1.41 | 3.82 | 1.37 | 1.83 |
| Selenium | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Antimony | ND | ND | ND | ND | 0.908J | ND | ND | ND | ND | 1.04J | 1.06J | ND |
| Barium | 57.7 | 52.1 | 50.3 | 35.2 | 42.4 | 44.9 | 71.1 | 50.1 | 47.9 | 59.8 | 38.1 | 37.9 |
| Beryllium | 0.29J | 0.309J | 0.327J | 0.298J | 0.280J | 0.279J | 0.282J | 0.38J | 0.291J | 0.488J | 0.245J | 0.290J |
| Cadmium | 0.22J | 0.302J | 0.374J | 0.356J | 0.320J | 0.383J | 0.292J | 0.29J | 0.342J | 0.631 | 0.309J | 0.326J |
| Chromium | 9.77 | 9.25 | 10.2 | 9.53 | 8.56 | 9.61 | 9.61 | 21.1 | 9.81 | 14.1 | 7.92 | 8.47 |
| Cobalt | 3.92 | 3.95 | 3.97 | 3.6 | 3.56 | 4.4 | 4.02 | 4.93 | 3.71 | 5.51 | 3.23 | 3.8 |
| Copper | 8.47 | 9.28 | 9.02 | 9.61 | 9.03 | 9.67 | 8.34 | 9.75 | 9.04 | 12.2 | 8.29 | 11.2 |
| Lead | 4.66 | 4.57 | 5.45 | 5.56 | 5.91 | 6.32 | 3.97 | 10 | 5 | 18.3 | 5.7 | 10.1 |
| Manganese | 311 | 298 | 303 | 304 | 304 | 320 | 321 | 334 | 277 | 415 | 305 | 307 |
| Nickel | 8.72 | 8.42 | 9.18 | 8.22 | 7.67 | 9.74 | 9.14 | 15.5 | 8.14 | 12 | 6.93 | 8.59 |
| Silver | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | 16.6 | 14.9 | 16.7 | 16.4 | 14.8 | 16.5 | 15.6 | 18.1 | 16.4 | 23.1 | 14.4 | 16.5 |
| Zinc | 47.4 | 45 | 44.3 | 45.1 | 48.9 | 67.3 | 36.5 | 58.8 | 49.2 | 65 | 42.6 | 57 |

ug/kg = micrograms per kilogram
"--" = not analyzed
ND = Not detected at or above th
J = estimated value, the result is

# SOIL RESULTS
# FORMER CHURCHVILLE FORD

| Boring ID: | | | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank | trip blank | rinsate blank | field blank |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | SW-1 | DUP-1 | TBLANK-1 | RB-1 | FB-1 | TBLANK-2 | RB-2 | FB-2 | TB-3 | RB-3 | FB-3 |
| Sample Date: | 7/21/04 | 7/20/04 | 7/19/04 | 7/19/04 | 7/19/04 | 7/20/04 | 7/20/04 | 7/20/04 | 7/21/04 | 7/21/04 | 7/21/04 |
| Depth: | composite | grab | grab | grab | grab | grab | grab | grab | grab | grab | grab |
| **Metals (mg/kg)** | | | | | | | | | | | |
| Mercury | 0.01J | 0.0224J | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Aluminum | 6,430 | 9,640 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Calcium | 68,800 | 36,800 | -- | 0.0579J | 0.0816J | -- | ND | ND | -- | ND | ND |
| Iron | 10,200 | 13,900 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Magnesium | 26,500 | 12,900 | -- | ND | 0.0261J | -- | ND | ND | -- | ND | ND |
| Potassium | 2,140 | 1,890 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Sodium | 181 | 298 | -- | ND | ND | -- | ND | ND | -- | 1.49 | 1.62 |
| Thallium | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Arsenic | 2.46 | 3.43 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Selenium | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Antimony | ND | 0.987J | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Barium | 29.1 | 52.7 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Beryllium | 0.27J | 0.409J | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Cadmium | 0.37J | 0.401J | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Chromium | 10.5 | 11.3 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Cobalt | 3.31 | 5.33 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Copper | 9.91 | 11.2 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Lead | 11.6 | 16.5 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Manganese | 312 | 317 | -- | ND | ND | -- | 0.00089J | 0.0039J | -- | ND | ND |
| Nickel | 7.76 | 10.5 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Silver | ND | ND | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Vanadium | 13.6 | 18 | -- | ND | ND | -- | ND | ND | -- | ND | ND |
| Zinc | 137 | 52.3 | -- | 0.0054J | ND | -- | ND | ND | -- | ND | ND |

ug/kg = micrograms per kilogram
"--" = not analyzed
ND = Not detected at or above th
J = estimated value, the result is

# SUMMA CANISTER RESULTS
# FORMER CHURCHVILLE FORD

| | Sample ID: | 404 | 113 | 232 | 120 | 93 | 313 | 67 | 102 | 403 | 422 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 |
| | Units: | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) |
| tert-Butyl Alcohol | | ND | ND | 13 | ND | ND | ND | ND | ND | 0.5J | 0.8J |
| Propene | | 36 | 48 | 41 | 57 | 37 | 2 | 20 | 1 | 20 | 20 |
| Dichlorodifluoromethane | | 1,800 | 810 | 270 | 36 | 730 | 3 | 5 | 0.4J | 1 | 3 |
| Chlorodifluoromethane | | 23 | ND | ND | ND | ND | 2 | 5 | ND | ND | 4 |
| Chloromethane | | ND | ND | ND | ND | ND | ND | 2 | 0.4J | 1 | 0.8J |
| Trichlorofluoromethane | | ND | ND | ND | 6J | ND | 0.5J | 0.5 J | ND | 0.3J | 0.3J |
| Pentane | | 9J | 60 | 58 | 61 | 42 | 3 | 24 | ND | 24 | 26 |
| Acetone | | 190 | ND | ND | ND | 360 | 2 | 48 | 6 | 65 | 100 |
| Carbon Disulfide | | 30 | 230 | 110 | 190 | 230 | ND | ND | ND | ND | ND |
| Acetonitrile | | ND | 280 | 180 | 340 | 220 | 2 | ND | ND | ND | ND |
| Methylene Chloride | | 8J | 42 | ND | 66 | 45 | ND | 5 | ND | 2 | 2 |
| Methyl t-Butyl Ether | | 3J | ND | ND | ND | ND | ND | 0.4J | ND | 0.3J | 0.2J |
| Hexane | | 12 | 42 | 43 | 37 | 31 | 4 | 4 | ND | 4 | 2 |
| Vinyl Acetate | | ND | ND | 3J | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | | 19 | 10J | ND | ND | ND | ND | 2 | ND | 0.2J | 1 |
| 2-Butanone | | 13 | ND | ND | ND | ND | ND | 9 | 1 | 7 | 7 |
| Methyl Acrylate | | ND | ND | 5J | ND | ND | 1 | ND | ND | ND | ND |
| Chloroform | | ND | ND | ND | 8.0J | ND | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | | 2J | 8J | 6J | 5J | 8J | ND | 1 | ND | ND | 1 |
| Carbon Tetrachloride | | 3J | 12J | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | | 7J | 10J | 11 | 9J | 7J | 4 | 4 | ND | 3 | 2 |
| Isooctane | | ND | ND | 2J | ND | 10J | 0.5J | 17 | ND | 0.9J | 0.7J |
| Heptane | | 7J | 13J | 14 | 7J | 8J | 5 | 3 | ND | 1 | 2 |
| Trichloroethene | | 37 | 6J | ND | 6J | ND | 0.2J | 6 | ND | 0.6J | 6 |
| Dibromomethane | | ND | ND | 11 | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | | ND | 7J | 3J | ND | 8J | 0.7J | ND | ND | ND | ND |
| 4-Methyl-2-Pentanone | | 33 | 120 | 1,900 | 440 | 2,100 | 4 | 2 | ND | 1 | 3 |
| Toluene | | 98 | 210 | 140 | 160 | 160 | 72 | 41 | 0.2J | 22 | 52 |
| Octane | | 7J | 89 | ND | ND | ND | 2 | 2 | ND | 0.9J | 1 |
| Tetrachloroethene | | 24 | 42 | 8J | 18J | 19J | 1 | 12 | ND | 3 | 9 |
| 2-Hexanone | | ND | ND | 5J | 19J | 19J | 0.6J | ND | ND | ND | ND |

| Sample ID: | 404 | 113 | 232 | 120 | 93 | 313 | 67 | 102 | 403 | 422 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 | 08/18/04 |
| Units: | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) | ppb(v) |
| | | | | | | | | | | |
| Ethylbenzene | 46 | 1,300 | 240 | 53 | 260 | 11 | 5 | ND | 2 | 3 |
| m/p-Xylene | 130 | 3,300 | 340 | 130 | 660 | 49 | 18 | ND | 8 | 12 |
| o-Xylene | 34 | 810 | 120 | 38 | 190 | 14 | 5 | ND | 2 | 3 |
| Styrene | 3J | 35 | 7J | 5J | ND | 2 | 0.9J | ND | 0.3J | 0.7J |
| Cumene | 2J | 58 | 11 | 4J | 18J | ND | 0.7J | ND | ND | 0.2J |
| 1,1,2,2-Tetrachloroethane | 8J | ND | 5J | ND | ND | 14 | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | ND | 8J | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromobenzene | 3J | 4J | 4J | 4J | ND | 24 | ND | ND | ND | ND |
| 4-Ethyltoluene | 17 | 86 | 24 | 18J | 25 | 5 | 8 | ND | ND | 2 |
| 1,3,5-Trimethylbenzene | 5J | 23 | 8J | 7J | 9J | 24 | 3 | ND | ND | 0.7J |
| 1,2,4-Trimethylbenzene | 12 | 21 | 11 | 14J | 15J | 15 | 7 | ND | ND | 2 |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | ND | ND | 0.8J | ND | ND | ND |
| Hexachloroethane | ND | ND | ND | ND | ND | 6 | ND | ND | ND | ND |

ppb = parts per billion
ND = Not detected at or above the limit of quantitation
J = estimated value, the result is $\geq$ the method detection limit and < the limit of quantitation