STATE OF MISSOURI
Matt Blunt, Governor • Doyle Childers, Director
DEPARTMENT OF NATURAL RESOURCES
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SUPERFUND DIVISIO

December 14, 2006

Mr. Mark Falloon
City Administrator
210 West Washington
Sullivan, MO 63080

Dear Mr. Falloon:

As part of the Oak Grove Village (OGV) Well Site Remedial Investigation/Feasibility Study (RI/FS), personnel from the Missouri Department of Natural Resources Hazardous Waste Program (HWP), Solid Waste Management Program (SWMP), and Environmental Services Program (ESP) conducted a multi-media investigation of the closed Sullivan Landfill in Sullivan, Missouri. The multi-media investigation included gas sampling of the Passive Vent System, geophysics and soil sampling of the materials above and below the synthetic cap, and liquid and gas sampling of material encountered under the synthetic cap. The investigation began on June 15, 2005, and was completed on August 29, 2005.

The Sullivan Landfill (Permit # 0107108) located in Sullivan, Missouri utilizes a passive vent system to remove landfill gas from an unlined pre-subtitle D landfill cell. The venting system consists of sixteen 4-inch diameter polyethylene pipe risers spaced in a grid pattern at approximate 200-foot intervals. The risers penetrate a final cover layer that consist of a 6 inch vegetative soil layer, a 12-inch sand drainage layer, a 40-mil VLDPE Geomembrane, a 18-inch hydraulic barrier soil layer (consisting of native clay), a 12-inch gas collection layer consisting of sandy soil, and a subgrade fill layer consisting of native soil. The passive vents do not appear to extend into waste.

Personnel from the HWP and SWMP monitored the passive vents of the closed Sullivan Landfill to determine methane levels in the individual passive vent risers (GV-1 to GV-16). The passive vents did not have sampling ports, so the readings were taken from the open end of each vent. During the June 15, 2005, initial monitoring, 15 of the 16 passive vents were sampled because gas vent #6 was missed by the sampling team and was not monitored. This sampling event occurred during the dry time of the year. The Landtech Gem 2000 landfill gas analyzer was used for this event. Also, three groundwater wells associated with the OGV site were also checked for the presence of methane. Results of the investigation are shown in the following table:

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Landfill Gas Passive Vent Monitoring Results for the Sullivan Landfill

Vent ID	Date	CH_4	CO_2	O_2	Balance
GV-1	6/15/2005	2.8%	4.5%	15.6%	77.2%
GV-2	6/15/2005	0.5%	1.0%	19.3%	79.1%
GV-3	6/15/2005	0.0%	0.0%	20.5%	79.5%
GV-4	6/15/2005	0.0%	0.2%	20.2%	79.6%
GV-5	6/15/2005	0.0%	0.0%	20.4%	79.6%
GV-6	*Not Monitored*				
GV-7	6/15/2005	0.5%	0.9%	19.6%	79.0%
GV-8	6/15/2005	18.1%	19.5%	7.0%	55.5%
GV-9	6/15/2005	0.0%	1.0%	19.6%	79.5%
GV-10	6/15/2005	0.0%	0.3%	20.1%	79.6%
GV-11	6/15/2005	10.6%	15.7%	9.5%	64.2%
GV-12	6/15/2005	0.7%	4.3%	16.3%	78.7%
GV-13	6/15/2005	0.0%	0.9%	19.5%	79.6%
GV-14	6/15/2005	11.3%	21.8%	2.8%	64.1%
GV-15	6/15/2005	15.2%	21.2%	4.0%	59.6%
GV-16	6/15/2005	1.0%	7.0%	12.5%	79.5%
Flying J Deep Well	6/15/2005	0.0%	0.0%	20.9%	79.2%
VFW Well	6/15/2005	0.0%	0.0%	20.8%	79.2%
Sullivan LF Well	6/15/2005	0.0%	0.0%	20.8%	79.2%

Based on the data collected on June 15, 2005, by the investigation team, it appeared that the passive venting system at the closed Sullivan Landfill was not effectively venting methane from the waste located on site. The majority of the passive vents (66%) showed no significant methane venting from them. The exceptional dry conditions could be one reason for the lack of venting. The lack of moisture within the landfill would effect the methanogenic process, which would prevent the venting of methane from the landfill. The passive vents that did show some methane were all located in the southwest portion of the closed Sullivan Landfill, where the old ravine fill area and sinkhole are located.

The June 15, 2005, sampling event was followed up by a second sampling event on August 29, 2005. Results of the investigation are shown in the following table:

Landfill Gas Passive Vent Monitoring Results for the Sullivan Landfill*

Vent ID	Date	CH_4	CO_2	O_2	Balance
GV-1	8/29/2005	33.5%	30.5%	3.9%	31.5%
GV-2	8/29/2005	62.0%	40.2%	0.4%	0.0%
GV-3	8/29/2005	50.8%	36.9%	3.0%	12.9%
GV-4	8/29/2005	53.6%	34.9%	0.3%	11.4%
GV-5	8/29/2005	56.6%	30.2%	2.4%	10.6%
GV-6	8/29/2005	61.1%	33.4%	0.4%	4.9%
GV-7	8/29/2005	59.9%	35.5%	0.7%	4.0%
GV-8	8/29/2005	60.4%	40.7%	0.6%	0.0%

GV-9	8/29/2005	58.3%	38.6%	0.7%	4.2%
GV-10	8/29/2005	49.8%	29.0%	4.5%	25.6%
GV-11	8/29/2005	60.3%	42.0%	0.3%	0.0%
GV-12	8/29/2005	61.9%	42.2%	0.4%	0.0%
GV-13	8/29/2005	56.1%	38.8%	0.5%	4.7%
GV-14	8/29/2005	59.7%	42.5%	0.5%	0.0%
GV-15	8/29/2005	61.0%	42.6%	0.3%	0.0%
GV-16	8/29/2005	58.1%	44.2%	0.4%	0.0%

Based on the data collected on August 29, 2005, by the investigation team, it appears that the passive venting system at the closed Sullivan Landfill was effectively venting methane from the waste located on site. The August 29, 2005, event occurred after some late summer rains. These rains probably provided the much-needed moisture for the methanogenic process. As the above table reveals, with methanogenic process occurring at the landfill, the vents effectively vented the gas from the landfill.

Since the two vent sampling events revealed such varied methanogenic responses, and the two Programs were involved with construction activities related to the closing of the Sullivan Landfill, especially the passive venting system and the cap, the Programs further investigated the closed Sullivan Landfill to determine the current decomposition processes, especially the methanogenic process.

The ESP with HWP and SWMP oversight conducted field activities between July 5 to 7, 2005, July 18 to 20, 2005, and August 29, 2005. The activities consisted of geophysical work using a Membrane Interface Probe (MIP), with subsequent collection of depth-discrete soil samples, leachate samples, and subsurface gas samples using a soil probe. The sampling was to determine the existence and location of methane, trichloroethylene (TCE), and any other site related contaminants of potential concern (COPCs).

The MIP investigation was conducted on July 5 to 7, 2005, and July 18 to 20, 2005. A trailer-mounted MIP unit was used to determine the relative levels of volatile organic vapors in the subsurface. A total of 34 borings were done at selected locations based on local topographic and historical data (see enclosures and map). Each boring was advanced to refusal, which was considered bedrock. Of the 34 MIP borings completed, 7 borings (SUL1, SUL 14, SUL 17, SUL 22, SUL 24, SUL 28, AND SUL 31) generated graphs, which revealed volatile organic vapors in the subsurface. One boring (SUL 24) also generated a graph with leachate in the subsurface.

In conjunction with the MIP investigation, the soil and leachate samples were collected on July 5 to 7, 2005, and July 18 to 20, 2005, (see enclosures and map). The probe location (SB-1), which was east of the Voss Well, was not located on the map. Additional leachate and gas samples were collected on August 29, 2005 (see enclosures and map).

A track-mounted soil probe was used to produce the 41 probe holes to collect soil, leachate, and gas samples next to the MIP holes. At each of the 41 probe holes, the presence, location, and depth of trash was also noted. Of the 41 locations probed, 18 soil samples, 2 leachate samples, and 5 gas samples were collected and analyzed. The soil samples were analyzed for site-specific metals of cadmium, chromium, copper, iron, and lead, and volatile organic analysis (VOAs). The leachate samples were analyzed for the same site-specific metals and groundwater volatile organic compounds (VOCs). The gas samples were analyzed for gas phase VOCs. Trash was within the footprint of the landfill, including over the sinkhole. No trash was noted outside the footprint of the landfill, including along the roadway and in a field south of the landfill.

The following is a summary of detected site-related Contaminants of Potential Concern (COPCs) found in either the soil, leachate, and gas detected in the 41 probe holes. For additional information regarding the COPCs and benchmarks, please see enclosures:

The analytical results reported for SB-1 at 4 feet is labeled Customer #: 0502798. The sample was analyzed for metals and VOAs including trichloroethene (TCE). The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below soil benchmarks at that time.

The analytical results reported for SB-2 at 5 feet is labeled Customer #: 0502799. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-2 at 10 feet is labeled Customer #: 0502800. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-3 at 4 to 5 feet is labeled Customer #: 0502801. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-9 at 8 feet is labeled Customer #: 0502802. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-9 at 9 feet is labeled Customer #: 0502803. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-15 at 7 to 8 feet is labeled Customer #: 0502804. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected chromium concentrations were above the soil benchmark, while the detected copper concentrations were below the soil benchmark at this time.

The analytical results reported for SB-16 at 7 feet is labeled Customer #: 0502805. The sample was analyzed for metals and VOAs including TCE. The analytical results

reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected chromium concentrations were above the soil benchmark, while the detected copper concentrations were below the soil benchmark at this time.

The analytical results reported for SB-16 at 28 feet is labeled Customer #: 0502806. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium and copper. The detected metal concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-18 at 7 to 8 feet is labeled Customer #: 0502809. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), vinyl chloride (VC), dichlorodifluoromethane (CFC-12), methylene chloride, tetrachloroethene (PCE), and trichlorofluoromethane (CFC-11). The detected chromium concentrations were above the soil benchmark, while all the other detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-19 and a duplicate at 8 feet are labeled Customer #: 0502807 and Customer #: 0502808. The samples were analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for both samples were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, VC, CFC-12, methylene chloride, PCE, and CFC-11. The detected chromium concentrations were above the soil benchmark, while all the other detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-19B and a duplicate are labeled Customer #: 0504374 and Customer #: 0509087. The samples were analyzed for VOCs in the gas phase including TCE. The analytical results reported for the VOCs including TCE for both samples were less than the detection limits, except for VC, CFC-12, CFC-11, chlorofluorocarbon-113 (CFC-113), 1,2-dichlorotetrafluoroethane (CFC-114), and methylene chloride.

The analytical results reported for SB-20B is labeled Customer #: 0504378. The sample was analyzed for VOCs in the gas phase including TCE. The analytical results reported for the VOCs including TCE for the sample was less than the detection limits, except for VC, CFC-12, CFC-11, CFC-113, CFC-114, and methylene chloride.

The analytical results reported for SB-21 at 12 to 13 feet is labeled Customer #: 0504039. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, VC, CFC-12, methylene chloride, PCE, and CFC-11. The detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-21B is labeled Customer #: 0504376. The sample was analyzed for metals and VOCs in leachate including TCE. The analytical results reported for the site-specific metals and VOCs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, CFC-12, and PCE. The detected metal and VOC concentrations were below the groundwater (leachate) benchmarks at that time.

The analytical results reported for SB-22 at 12 to 13 feet is labeled Customer #: 0502871. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, VC, CFC-12, methylene chloride, PCE, and CFC-11. The detected TCE and PCE concentrations were above the soil benchmark, while all the other detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-23 and a blind duplicate at 12 to 14 feet are labeled Customer #: 0503872 and Customer #: 0503873. The samples were analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for both samples were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, VC, CFC-12, methylene chloride, PCE, and CFC-11. The detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-24 at 12 feet is labeled Customer #: 0503874. The sample was analyzed for metals and VOCs including TCE. The analytical results reported for the site-specific metals and VOCs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, VC, CFC-12, and PCE. The detected VC concentrations were above the groundwater (leachate) benchmark, while the other detected metal and VOC concentrations were below the groundwater (leachate) benchmarks at that time.

The analytical results reported for SB-24C is labeled Customer #: 0504371. The sample was analyzed for metals and VOCs including TCE. The analytical results reported for the site-specific metals and VOCs including TCE for the sample were less than the detection limits, except for chromium, copper, TCE, 1,1-DCA, 1,2-DCA, CFC-12, and PCE. The detected metal and VOC concentrations were below the groundwater (leachate) benchmarks at that time.

The analytical results reported for SB-24C is labeled Customer #: 0504370. The sample was analyzed for VOCs in the gas phase including TCE. The analytical results reported for the site-specific VOCs including TCE for the sample were less than the detection limits, except for chlorofluorocarbon–113 (CFC-113) and methylene chloride.

The analytical results reported for SB-28 at 7 to 8 feet is labeled Customer #: 0503876. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium, copper, 1,1-DCA and cis-1,2-dichloroethene (cis-1,2-DCE). The detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-28 at 8 to 9 feet is labeled Customer #: 0503875. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metals and VOAs including TCE for the sample were less than the detection limits, except for chromium, copper, 1,1-DCA and cis-1,2-DCE. The detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-34 at 7 to 8 feet is labeled Customer #: 0503877. The sample was analyzed for metals and VOAs including TCE. The analytical results reported for the site-specific metal and VOA concentrations including TCE for the sample were less than the detection limits, except for chromium, copper, 1,1-DCA and cis-1,2-DCE. The detected metal and VOA concentrations were below the soil benchmarks at that time.

The analytical results reported for SB-35 is labeled Customer #: 0504379. The sample was analyzed for VOCs in the gas phase including TCE. The analytical results reported for the site-specific VOCs including TCE for the sample was less than the detection limits, except for TCE, VC, cis-1,2-DCE, PCE, CFC-113, CFC-114, CFC-11, and methylene chloride.

Comparison of the sample analytical data against the field generated MIP data revealed a direct correlation, though some discrepancies were noted. The discrepancies that occurred may be the result of several factors, including but not limited to the sensitivity of the MIP detectors verses a low enough detection level of the analytical methods, soil heterogeneity, and the inability to use the same sampling hole for both probing methods.

Sampling of the closed Sullivan Landfill revealed the landfill does produce methane via the methanogenic process, site-related metals and VOAs or VOCs are present in the landfill, and trash is distributed throughout the landfill's footprint. Whenever enough moisture is available, the landfill does produce methane. The question arises as to how the moisture enters the landfill to allow the methanogenic process to occur. According to existing documents the only site-related metals and VOAs or VOCs that should be present in the landfill's footprint is in the old undisturbed ravine filling. The question arises as to how soil, leachate, and gas along the northern portion of the landfill and in the sinkhole area contains site-related metals and VOAs or VOCs. According to existing documents trash should not exist in the area of the sinkhole, yet it does. The question arises as to why the trash is there.

If you have any questions regarding the results or about the progress of the investigation at the Oak Grove Village Well Site, please contact me at the Missouri Department of Natural Resources, Hazardous Waste Program, P.O. Box 176, Jefferson City, Missouri 65102-0176 or by telephone at (573) 751-1738.

Sincerely,

HAZARDOUS WASTE PROGRAM

Candice McGhee

Candice McGhee
Project Manager

CM:lb

Enclosures

c: Ms. Tonya Howell, U.S. Environmental Protection Agency
Mr. Arthur Busch, Department of Health and Senior Services
Mr. Peter Bachle, Geological Survey and Resource Assessment Division

bc: Mr. Bruce Stuart, Hazardous Waste Program/Resource Conservation & Recovery Act

Results of Landfill Gas Passive Vent Investigation, Sullivan Landfill, Sullivan, Missouri
Conducted on June 15, 2005 by Michael Flach (SWMP) and Candice McGhee (HWMP)

The Sullivan Landfill (Permit # 0107108) located in Sullivan, Missouri utilizes a passive vent system to remove landfill gas from an unlined pre-subtitle D landfill cell. The venting system consists of sixteen 4-inch diameter polyethylene pipe risers spaced in a grid pattern at approximate 200-foot intervals. The risers penetrate a final cover layer that consist of a 6 inch vegetative soil layer, a 12-inch sand drainage layer, a 40-mil VLDPE Geomembrane, a 18-inch hydraulic barrier soil layer (consisting of native clay), a 12-inch gas collection layer consisting of sandy soil, and a subgrade fill layer consisting of native soil. The passive vents do not appear to extend into waste.

On June 15, 2005 an investigation was conducted to determine methane levels in the individual passive vent riser (GV-1 to GV-16). Program personal utilized a CES Landtech Gem 2000 landfill gas analyzer to monitor 15 of the 16 passive vents for methane. Gas vent 6 was missed by the sampling team and therefore not monitored. At the request of Candace McGhee, three groundwater wells associated with the site were also checked for the presence of methane. Results of the investigation are show in the following table:

Landfill Gas Passive Vent Monitoring Results for the Sullivan Landfill

Vent ID	Date	CH_4	CO_2	O_2	Balance
GV-1	6/16/2005	2.8%	4.5%	15.6%	77.2%
GV-2	6/16/2005	0.5%	1.0%	19.3%	79.1%
GV-3	6/16/2005	0.0%	0.0%	20.5%	79.5%
GV-4	6/16/2005	0.0%	0.2%	20.2%	79.6%
GV-5	6/16/2005	0.0%	0.0%	20.4%	79.6%
GV-6	Not Monitored				
GV-7	6/16/2005	0.5%	0.9%	19.6%	79.0%
GV-8	6/16/2005	18.1%	19.5%	7.0%	55.5%
GV-9	6/16/2005	0.0%	1.0%	19.6%	79.5%
GV-10	6/16/2005	0.0%	0.3%	20.1%	79.6%
GV-11	6/16/2005	10.6%	15.7%	9.5%	64.2%
GV-12	6/16/2005	0.7%	4.3%	16.3%	78.7%
GV-13	6/16/2005	0.0%	0.9%	19.5%	79.6%
GV-14	6/16/2005	11.3%	21.8%	2.8%	64.1%
GV-15	6/16/2005	15.2%	21.2%	4.0%	59.6%
GV-16	6/16/2005	1.0%	7.0%	12.5%	79.5%
Flying J Deep Well	6/16/2005	0.0%	0.0%	20.9%	79.2%
VFW Well	6/16/2005	0.0%	0.0%	20.8%	79.2%
Sullivan LF Well	6/16/2005	0.0%	0.0%	20.8%	79.2%

Based on the data collected on June 15, 2005 by the investigation team, it appears that the passive venting system at the Sullivan Landfill is not effectively venting methane from the waste located on site. The majority of the passive vents (66%) showed no significant methane venting from them. The passive vents that did show some methane are all located in the Southwest portion of the Sullivan Landfill, where the old ravine fill area and sinkhole are located.

Landfill Gas Passive Vent Monitoring Results for the Sullivan Landfill*

Vent ID	Date	CH4	CO2	O2	Balance
GV-1	6/16/2005	2.8%	4.5%	15.6%	77.2%
GV-2	6/16/2005	0.5%	1.0%	19.3%	79.1%
GV-3	6/16/2005	0.0%	0.0%	20.5%	79.5%
GV-4	6/16/2005	0.0%	0.2%	20.2%	79.6%
GV-5	6/16/2005	0.0%	0.0%	20.4%	79.6%
GV-6	Not Monitored				
GV-7	6/16/2005	0.5%	0.9%	19.6%	79.0%
GV-8	6/16/2005	18.1%	19.5%	7.0%	55.5%
GV-9	6/16/2005	0.0%	1.0%	19.6%	79.5%
GV-10	6/16/2005	0.0%	0.3%	20.1%	79.6%
GV-11	6/16/2005	10.6%	15.7%	9.5%	64.2%
GV-12	6/16/2005	0.7%	4.3%	16.3%	78.7%
GV-13	6/16/2005	0.0%	0.9%	19.5%	79.6%
GV-14	6/16/2005	11.3%	21.8%	2.8%	64.1%
GV-15	6/16/2005	15.2%	21.2%	4.0%	59.6%
GV-16	6/16/2005	1.0%	7.0%	12.5%	79.5%
Flying J Deep Well	6/16/2005	0.0%	0.0%	20.9%	79.2%
VFW Well	6/16/2005	0.0%	0.0%	20.8%	79.2%
Sullivan LF Well	6/16/2005	0.0%	0.0%	20.8%	79.2%
GV-1	8/29/2005	33.5%	30.5%	3.9%	31.5%
GV-2	8/29/2005	62.0%	40.2%	0.4%	0.0%
GV-3	8/29/2005	50.8%	36.9%	3.0%	12.9%
GV-4	8/29/2005	53.6%	34.9%	0.3%	11.4%
GV-5	8/29/2005	56.6%	30.2%	2.4%	10.6%
GV-6	8/29/2005	61.1%	33.4%	0.4%	4.9%
GV-7	8/29/2005	59.9%	35.5%	0.7%	4.0%
GV-8	8/29/2005	60.4%	40.7%	0.6%	0.0%
GV-9	8/29/2005	58.3%	38.6%	0.7%	4.2%
GV-10	8/29/2005	49.8%	29.0%	4.5%	25.6%
GV-11	8/29/2005	60.3%	42.0%	0.3%	0.0%
GV-12	8/29/2005	61.9%	42.2%	0.4%	0.0%
GV-13	8/29/2005	56.1%	38.8%	0.5%	4.7%
GV-14	8/29/2005	59.7%	42.5%	0.5%	0.0%
GV-15	8/29/2005	61.0%	42.6%	0.3%	0.0%
GV-16	8/29/2005	58.1%	44.2%	0.4%	0.0%

* Passive vents did not have sampling ports. Readings taken from open end of each vent.

0509087

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
FIELD SHEET AND CHAIN OF CUSTODY RECORD

Collector's Name (Please Print): Transfer Chain of Custody

Affiliation (Division/Program): Missouri Department of Natural Resources/Air and Land Protection Division

Description of Shipment
X Shipped-Carrier: United Parcel Service
___ Tape sealed and initialed
___ Hand Delivered
No. Of Containers: 5

	Sample Number	Sample Collected	Analyses Requested	Sample Matrix and Type	Canister Pressure / Vacuum Initial	Final	Receipt
01A	0504370	Date: 8/29/05 Time: 0938	TO-15	___ Ambient Air Grab ___ Ambient Air Canister X Other:			11.5"Hg
	Total Sample Hours: Grab		Extra Compounds:				
02A	0504374	Date: 8/29/05 Time: 1200	TO-15	___ Ambient Air Grab ___ Ambient Air Canister X Other:			12.5"Hg
	Total Sample Hours: Grab		Extra Compounds:				
03A	0504375	Date: 8/29/05 Time: 1215	TO-15	___ Ambient Air Grab ___ Ambient Air Canister X Other:			12.0"Hg
	Total Sample Hours: Grab		Extra Compounds:				
04A	0504378	Date: 8/29/05 Time: 1300	TO-15	___ Ambient Air Grab ___ Ambient Air Canister X Other:			12.0"Hg
	Total Sample Hours: Grab		Extra Compounds:				

Relinquished By: Hugh Murrell	Received By:	Date:	Time:
Relinquished By:	Received By: Launa Thomas OGL	Date: 9/6/05	Time: 12:55
Relinquished By:	Received By:	Date:	Time:

Contact Person	Hugh Murrell
Company	Missouri Department of Natural Resources
Phone	(573) 522-8415

CUSTODY SEAL INTACT?
Y N NONE TEMP ____

0509087

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
FIELD SHEET AND CHAIN OF CUSTODY RECORD

Collector's Name (Please Print): Transfer Chain of Custody

Affiliation (Division/Program): Missouri Department of Natural Resources/Air and Land Protection Division

Description of Shipment
X Shipped-Carrier: United Parcel Service
___ Tape sealed and initialed
___ Hand Delivered
No. Of Containers: 5

Sample Number	Sample Collected	Analyses Requested	Sample Matrix and Type	Canister Pressure / Vacuum Initial	Final	Receipt
05A 0504379	Date: 8/29/05 Time: 1320	TO-15	___ Ambient Air Grab ___ Ambient Air Canister X Other:			10.0"Hg
Total Sample Hours: Grab		Extra Compounds:				
	Date: Time:		___ Ambient Air Grab ___ Ambient Air Canister ___ Other:			
Total Sample Hours: Grab		Extra Compounds:				
	Date: Time:		___ Ambient Air Grab ___ Ambient Air Canister ___ Other:			
Total Sample Hours		Extra Compounds:				
	Date: Time:		___ Ambient Air Grab ___ Ambient Air Canister ___ Other:			
Total Sample Hours		Extra Compounds:				

Relinquished By: Hugh Murrell	Received By:	Date:	Time:
Relinquished By:	Received By: Laura A Thomas OAL	Date: 9/6/05	Time: 12:55
Relinquished By:	Received By:	Date:	Time:

Contact Person	Hugh Murrell
Company	Missouri Department of Natural Resources
Phone	(573) 522-8415

CUSTODY SEAL INTACT?
Y N NONE TEMP ____

AIR TOXICS LTD.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 0504370

Lab ID#: 0509087-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 113	2200	6600	17000	51000
Methylene Chloride	2200	770000	7500	2700000
Hexane	2200	4000	7600	14000
2-Butanone (Methyl Ethyl Ketone)	2200	11000	6400	32000
Cyclohexane	2200	2800	7500	9800
Heptane	2200	3000	8900	12000
4-Methyl-2-pentanone	2200	2800	8900	11000
Toluene	2200	81000	8200	300000
m,p-Xylene	2200	3900	9400	17000

Client Sample ID: 0504374

Lab ID#: 0509087-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.2	520	31	2600
Freon 114	6.2	800	43	5600
Vinyl Chloride	6.2	9.3	16	24
Ethanol	25	39	47	73
Freon 113	6.2	8.3	48	64
Carbon Disulfide	6.2	14	19	45
Methylene Chloride	6.2	1500	22	5200
Hexane	6.2	3100 E	22	11000 E
2-Butanone (Methyl Ethyl Ketone)	6.2	27	18	80
Cyclohexane	6.2	730	21	2500
2,2,4-Trimethylpentane	6.2	120	29	550
Benzene	6.2	620	20	2000
Heptane	6.2	2300	25	9600
4-Methyl-2-pentanone	6.2	6.3	25	26
Toluene	6.2	310	23	1200
Chlorobenzene	6.2	13	28	61
Ethyl Benzene	6.2	19	27	81
m,p-Xylene	6.2	2200	27	9400
o-Xylene	6.2	28	27	120
Styrene	6.2	7.7	26	33
Cumene	6.2	120	30	580
Propylbenzene	6.2	66	30	320
4-Ethyltoluene	6.2	100	30	510
1,3,5-Trimethylbenzene	6.2	66	30	320
1,2,4-Trimethylbenzene	6.2	180	30	890
1,4-Dichlorobenzene	6.2	20	37	120

Client Sample ID: 0504374 Duplicate

Lab ID#: 0509087-02AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.2	490	31	2400
Freon 114	6.2	780	43	5500
Vinyl Chloride	6.2	9.4	16	24
Ethanol	25	43	47	81
Freon 113	6.2	8.4	48	64
Carbon Disulfide	6.2	16	19	49
Methylene Chloride	6.2	1500	22	5300
Hexane	6.2	3200 E	22	11000 E
2-Butanone (Methyl Ethyl Ketone)	6.2	30	18	88
Cyclohexane	6.2	720	21	2500
2,2,4-Trimethylpentane	6.2	120	29	560
Benzene	6.2	630	20	2000
Heptane	6.2	2300	25	9500
4-Methyl-2-pentanone	6.2	7.5	25	31
Toluene	6.2	300	23	1100
Chlorobenzene	6.2	13	28	61
Ethyl Benzene	6.2	20	27	88
m,p-Xylene	6.2	2200	27	9400
o-Xylene	6.2	30	27	130
Styrene	6.2	7.0	26	30
Cumene	6.2	120	30	580
Propylbenzene	6.2	67	30	330
4-Ethyltoluene	6.2	110	30	520
1,3,5-Trimethylbenzene	6.2	68	30	340
1,2,4-Trimethylbenzene	6.2	180	30	890
1,4-Dichlorobenzene	6.2	21	37	130

Client Sample ID: 0504375

Lab ID#: 0509087-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	16	830	79	4100
Freon 114	16	290	110	2000
Vinyl Chloride	16	32	41	82
Freon 11	16	280	89	1600
Ethanol	64	10000 E	120	19000 E
2-Propanol	64	83	160	200
Carbon Disulfide	16	24	50	73
Methylene Chloride	16	270	55	950
Hexane	16	3300	56	12000
2-Butanone (Methyl Ethyl Ketone)	16	34	47	100
Tetrahydrofuran	16	89	47	260
Cyclohexane	16	480	55	1700
2,2,4-Trimethylpentane	16	110	74	510
Benzene	16	540	51	1700

Client Sample ID: 0504375

Lab ID#: 0509087-03A

Heptane	16	2200	65	8900
Trichloroethene	16	32	85	170
4-Methyl-2-pentanone	16	33	65	140
Toluene	16	1100	60	4000
Chlorobenzene	16	74	73	340
Ethyl Benzene	16	2700	69	12000
m,p-Xylene	16	8200	69	36000
o-Xylene	16	840	69	3600
Cumene	16	330	78	1600
Propylbenzene	16	160	78	760
4-Ethyltoluene	16	300	78	1500
1,3,5-Trimethylbenzene	16	120	78	610
1,2,4-Trimethylbenzene	16	410	78	2000
1,4-Dichlorobenzene	16	83	96	500

Client Sample ID: 0504378

Lab ID#: 0509087-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.4	88	31	440
Freon 114	6.4	100	44	710
Vinyl Chloride	6.4	11	16	28
Ethanol	25	68	48	130
Freon 113	6.4	9.8	49	75
Acetone	25	55	60	130
Carbon Disulfide	6.4	6.7	20	21
Methylene Chloride	6.4	1500	22	5200
Hexane	6.4	840	22	2900
2-Butanone (Methyl Ethyl Ketone)	6.4	53	19	160
Cyclohexane	6.4	110	22	390
2,2,4-Trimethylpentane	6.4	35	30	160
Benzene	6.4	170	20	540
Heptane	6.4	250	26	1000
4-Methyl-2-pentanone	6.4	10	26	41
Toluene	6.4	250	24	960
Chlorobenzene	6.4	31	29	140
Ethyl Benzene	6.4	49	28	210
m,p-Xylene	6.4	3900	28	17000
o-Xylene	6.4	47	28	200
Cumene	6.4	120	31	620
Propylbenzene	6.4	100	31	500
4-Ethyltoluene	6.4	170	31	820
1,3,5-Trimethylbenzene	6.4	160	31	800
1,2,4-Trimethylbenzene	6.4	300	31	1500
1,4-Dichlorobenzene	6.4	61	38	370

Client Sample ID: 0504379

Lab ID#: 0509087-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	17	1200	83	6200
Freon 114	17	150	120	1000
Vinyl Chloride	17	1300	43	3400
Freon 11	17	69	94	390
Ethanol	67	280	130	530
Acetone	67	80	160	190
2-Propanol	67	78	160	190
Methylene Chloride	17	290	58	1000
trans-1,2-Dichloroethene	17	46	66	180
Hexane	17	15000 E	59	55000 E
2-Butanone (Methyl Ethyl Ketone)	17	55	49	160
cis-1,2-Dichloroethene	17	150	66	610
Cyclohexane	17	1900	58	6500
2,2,4-Trimethylpentane	17	950	78	4400
Benzene	17	760	54	2400
Heptane	17	3300	69	13000
Trichloroethene	17	43	90	230
1,2-Dichloropropane	17	33	77	150
4-Methyl-2-pentanone	17	110	69	470
Toluene	17	6600	63	25000
Tetrachloroethene	17	20	110	140
Chlorobenzene	17	33	77	150
Ethyl Benzene	17	2300	73	10000
m,p-Xylene	17	4800	73	21000
o-Xylene	17	1200	73	5400
Cumene	17	560	82	2800
Propylbenzene	17	190	82	930
4-Ethyltoluene	17	630	82	3100
1,3,5-Trimethylbenzene	17	290	82	1400
1,2,4-Trimethylbenzene	17	880	82	4300
1,4-Dichlorobenzene	17	280	100	1700

AIR TOXICS LTD.

Client Sample ID: 0504370

Lab ID#: 0509087-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091319	Date of Collection:	8/29/05
Dil. Factor:	4340	Date of Analysis:	9/14/05 06:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2200	Not Detected	11000	Not Detected
Freon 114	2200	Not Detected	15000	Not Detected
Chloromethane	8700	Not Detected	18000	Not Detected
Vinyl Chloride	2200	Not Detected	5500	Not Detected
1,3-Butadiene	2200	Not Detected	4800	Not Detected
Bromomethane	2200	Not Detected	8400	Not Detected
Chloroethane	2200	Not Detected	5700	Not Detected
Freon 11	2200	Not Detected	12000	Not Detected
Ethanol	8700	Not Detected	16000	Not Detected
Freon 113	2200	6600	17000	51000
1,1-Dichloroethene	2200	Not Detected	8600	Not Detected
Acetone	8700	Not Detected	21000	Not Detected
2-Propanol	8700	Not Detected	21000	Not Detected
Carbon Disulfide	2200	Not Detected	6800	Not Detected
3-Chloropropene	8700	Not Detected	27000	Not Detected
Methylene Chloride	2200	770000	7500	2700000
Methyl tert-butyl ether	2200	Not Detected	7800	Not Detected
trans-1,2-Dichloroethene	2200	Not Detected	8600	Not Detected
Hexane	2200	4000	7600	14000
1,1-Dichloroethane	2200	Not Detected	8800	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2200	11000	6400	32000
cis-1,2-Dichloroethene	2200	Not Detected	8600	Not Detected
Tetrahydrofuran	2200	Not Detected	6400	Not Detected
Chloroform	2200	Not Detected	10000	Not Detected
1,1,1-Trichloroethane	2200	Not Detected	12000	Not Detected
Cyclohexane	2200	2800	7500	9800
Carbon Tetrachloride	2200	Not Detected	14000	Not Detected
2,2,4-Trimethylpentane	2200	Not Detected	10000	Not Detected
Benzene	2200	Not Detected	6900	Not Detected
1,2-Dichloroethane	2200	Not Detected	8800	Not Detected
Heptane	2200	3000	8900	12000
Trichloroethene	2200	Not Detected	12000	Not Detected
1,2-Dichloropropane	2200	Not Detected	10000	Not Detected
1,4-Dioxane	8700	Not Detected	31000	Not Detected
Bromodichloromethane	2200	Not Detected	14000	Not Detected
cis-1,3-Dichloropropene	2200	Not Detected	9800	Not Detected
4-Methyl-2-pentanone	2200	2800	8900	11000
Toluene	2200	81000	8200	300000
trans-1,3-Dichloropropene	2200	Not Detected	9800	Not Detected
1,1,2-Trichloroethane	2200	Not Detected	12000	Not Detected
Tetrachloroethene	2200	Not Detected	15000	Not Detected
2-Hexanone	8700	Not Detected	36000	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504370

Lab ID#: 0509087-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d081319	Date of Collection:	8/29/05
Dil. Factor:	4940	Date of Analysis:	9/14/05 06:08 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2200	Not Detected	18000	Not Detected
1,2-Dibromoethane (EDB)	2200	Not Detected	17000	Not Detected
Chlorobenzene	2200	Not Detected	10000	Not Detected
Ethyl Benzene	2200	Not Detected	9400	Not Detected
m,p-Xylene	2200	3900	9400	17000
o-Xylene	2200	Not Detected	9400	Not Detected
Styrene	2200	Not Detected	9200	Not Detected
Bromoform	2200	Not Detected	22000	Not Detected
Cumene	2200	Not Detected	11000	Not Detected
1,1,2,2-Tetrachloroethane	2200	Not Detected	15000	Not Detected
Propylbenzene	2200	Not Detected	11000	Not Detected
4-Ethyltoluene	2200	Not Detected	11000	Not Detected
1,3,5-Trimethylbenzene	2200	Not Detected	11000	Not Detected
1,2,4-Trimethylbenzene	2200	Not Detected	11000	Not Detected
1,3-Dichlorobenzene	2200	Not Detected	13000	Not Detected
1,4-Dichlorobenzene	2200	Not Detected	13000	Not Detected
alpha-Chlorotoluene	2200	Not Detected	11000	Not Detected
1,2-Dichlorobenzene	2200	Not Detected	13000	Not Detected
1,2,4-Trichlorobenzene	8700	Not Detected	64000	Not Detected
Hexachlorobutadiene	8700	Not Detected	92000	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: 0504374

Lab ID#: 0509087-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091310	Date of Collection:	8/29/05
Dil. Factor:	12.4	Date of Analysis:	9/13/05 08:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.2	520	31	2600
Freon 114	6.2	800	43	5600
Chloromethane	25	Not Detected	51	Not Detected
Vinyl Chloride	6.2	9.3	16	24
1,3-Butadiene	6.2	Not Detected	14	Not Detected
Bromomethane	6.2	Not Detected	24	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	6.2	Not Detected	35	Not Detected
Ethanol	25	39	47	73
Freon 113	6.2	8.3	48	64
1,1-Dichloroethene	6.2	Not Detected	24	Not Detected
Acetone	25	Not Detected	59	Not Detected
2-Propanol	25	Not Detected	61	Not Detected
Carbon Disulfide	6.2	14	19	45
3-Chloropropene	25	Not Detected	78	Not Detected
Methylene Chloride	6.2	1500	22	5200
Methyl tert-butyl ether	6.2	Not Detected	22	Not Detected
trans-1,2-Dichloroethene	6.2	Not Detected	24	Not Detected
Hexane	6.2	3100 E	22	11000 E
1,1-Dichloroethane	6.2	Not Detected	25	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	27	18	80
cis-1,2-Dichloroethene	6.2	Not Detected	24	Not Detected
Tetrahydrofuran	6.2	Not Detected	18	Not Detected
Chloroform	6.2	Not Detected	30	Not Detected
1,1,1-Trichloroethane	6.2	Not Detected	34	Not Detected
Cyclohexane	6.2	730	21	2500
Carbon Tetrachloride	6.2	Not Detected	39	Not Detected
2,2,4-Trimethylpentane	6.2	120	29	550
Benzene	6.2	620	20	2000
1,2-Dichloroethane	6.2	Not Detected	25	Not Detected
Heptane	6.2	2300	25	9600
Trichloroethene	6.2	Not Detected	33	Not Detected
1,2-Dichloropropane	6.2	Not Detected	29	Not Detected
1,4-Dioxane	25	Not Detected	89	Not Detected
Bromodichloromethane	6.2	Not Detected	42	Not Detected
cis-1,3-Dichloropropene	6.2	Not Detected	28	Not Detected
4-Methyl-2-pentanone	6.2	6.3	25	26
Toluene	6.2	310	23	1200
trans-1,3-Dichloropropene	6.2	Not Detected	28	Not Detected
1,1,2-Trichloroethane	6.2	Not Detected	34	Not Detected
Tetrachloroethene	6.2	Not Detected	42	Not Detected
2-Hexanone	25	Not Detected	100	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504374

Lab ID#: 0509087-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091310	Date of Collection:	8/29/05
Dil. Factor:	12.4	Date of Analysis:	9/13/05 08:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	6.2	Not Detected	53	Not Detected
1,2-Dibromoethane (EDB)	6.2	Not Detected	48	Not Detected
Chlorobenzene	6.2	13	28	61
Ethyl Benzene	6.2	19	27	81
m,p-Xylene	6.2	2200	27	9400
o-Xylene	6.2	28	27	120
Styrene	6.2	7.7	26	33
Bromoform	6.2	Not Detected	64	Not Detected
Cumene	6.2	120	30	580
1,1,2,2-Tetrachloroethane	6.2	Not Detected	42	Not Detected
Propylbenzene	6.2	66	30	320
4-Ethyltoluene	6.2	100	30	510
1,3,5-Trimethylbenzene	6.2	66	30	320
1,2,4-Trimethylbenzene	6.2	180	30	890
1,3-Dichlorobenzene	6.2	Not Detected	37	Not Detected
1,4-Dichlorobenzene	6.2	20	37	120
alpha-Chlorotoluene	6.2	Not Detected	32	Not Detected
1,2-Dichlorobenzene	6.2	Not Detected	37	Not Detected
1,2,4-Trichlorobenzene	25	Not Detected	180	Not Detected
Hexachlorobutadiene	25	Not Detected	260	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: 0504374 Duplicate

Lab ID#: 0509087-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091311	Date of Collection:	8/29/05
Dil. Factor:	12.4	Date of Analysis:	9/13/05 09:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.2	490	31	2400
Freon 114	6.2	780	43	5500
Chloromethane	25	Not Detected	51	Not Detected
Vinyl Chloride	6.2	9.4	16	24
1,3-Butadiene	6.2	Not Detected	14	Not Detected
Bromomethane	6.2	Not Detected	24	Not Detected
Chloroethane	6.2	Not Detected	16	Not Detected
Freon 11	6.2	Not Detected	35	Not Detected
Ethanol	25	43	47	81
Freon 113	6.2	8.4	48	64
1,1-Dichloroethene	6.2	Not Detected	24	Not Detected
Acetone	25	Not Detected	59	Not Detected
2-Propanol	25	Not Detected	61	Not Detected
Carbon Disulfide	6.2	16	19	49
3-Chloropropene	25	Not Detected	78	Not Detected
Methylene Chloride	6.2	1500	22	5300
Methyl tert-butyl ether	6.2	Not Detected	22	Not Detected
trans-1,2-Dichloroethene	6.2	Not Detected	24	Not Detected
Hexane	6.2	3200 E	22	11000 E
1,1-Dichloroethane	6.2	Not Detected	25	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.2	30	18	88
cis-1,2-Dichloroethene	6.2	Not Detected	24	Not Detected
Tetrahydrofuran	6.2	Not Detected	18	Not Detected
Chloroform	6.2	Not Detected	30	Not Detected
1,1,1-Trichloroethane	6.2	Not Detected	34	Not Detected
Cyclohexane	6.2	720	21	2500
Carbon Tetrachloride	6.2	Not Detected	39	Not Detected
2,2,4-Trimethylpentane	6.2	120	29	560
Benzene	6.2	630	20	2000
1,2-Dichloroethane	6.2	Not Detected	25	Not Detected
Heptane	6.2	2300	25	9500
Trichloroethene	6.2	Not Detected	33	Not Detected
1,2-Dichloropropane	6.2	Not Detected	29	Not Detected
1,4-Dioxane	25	Not Detected	89	Not Detected
Bromodichloromethane	6.2	Not Detected	42	Not Detected
cis-1,3-Dichloropropene	6.2	Not Detected	28	Not Detected
4-Methyl-2-pentanone	6.2	7.5	25	31
Toluene	6.2	300	23	1100
trans-1,3-Dichloropropene	6.2	Not Detected	28	Not Detected
1,1,2-Trichloroethane	6.2	Not Detected	34	Not Detected
Tetrachloroethene	6.2	Not Detected	42	Not Detected
2-Hexanone	25	Not Detected	100	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504374 Duplicate

Lab ID#: 0509087-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091311	Date of Collection:	8/29/05
Dil. Factor:	12.4	Date of Analysis:	9/13/05 03:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	6.2	Not Detected	53	Not Detected
1,2-Dibromoethane (EDB)	6.2	Not Detected	48	Not Detected
Chlorobenzene	6.2	13	28	61
Ethyl Benzene	6.2	20	27	88
m,p-Xylene	6.2	2200	27	9400
o-Xylene	6.2	30	27	130
Styrene	6.2	7.0	26	30
Bromoform	6.2	Not Detected	64	Not Detected
Cumene	6.2	120	30	580
1,1,2,2-Tetrachloroethane	6.2	Not Detected	42	Not Detected
Propylbenzene	6.2	67	30	330
4-Ethyltoluene	6.2	110	30	520
1,3,5-Trimethylbenzene	6.2	68	30	340
1,2,4-Trimethylbenzene	6.2	180	30	890
1,3-Dichlorobenzene	6.2	Not Detected	37	Not Detected
1,4-Dichlorobenzene	6.2	21	37	130
alpha-Chlorotoluene	6.2	Not Detected	32	Not Detected
1,2-Dichlorobenzene	6.2	Not Detected	37	Not Detected
1,2,4-Trichlorobenzene	25	Not Detected	180	Not Detected
Hexachlorobutadiene	25	Not Detected	260	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: 0504375

Lab ID#: 0509087-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091313	Date of Collection:	8/29/05
Dil. Factor:	31.6	Date of Analysis:	9/13/05 10:51 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	16	830	79	4100
Freon 114	16	290	110	2000
Chloromethane	64	Not Detected	130	Not Detected
Vinyl Chloride	16	32	41	82
1,3-Butadiene	16	Not Detected	35	Not Detected
Bromomethane	16	Not Detected	62	Not Detected
Chloroethane	16	Not Detected	42	Not Detected
Freon 11	16	280	89	1600
Ethanol	64	10000 E	120	19000 E
Freon 113	16	Not Detected	120	Not Detected
1,1-Dichloroethene	16	Not Detected	63	Not Detected
Acetone	64	Not Detected	150	Not Detected
2-Propanol	64	83	160	200
Carbon Disulfide	16	24	50	73
3-Chloropropene	64	Not Detected	200	Not Detected
Methylene Chloride	16	270	55	950
Methyl tert-butyl ether	16	Not Detected	57	Not Detected
trans-1,2-Dichloroethene	16	Not Detected	63	Not Detected
Hexane	16	3300	56	12000
1,1-Dichloroethane	16	Not Detected	64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	16	34	47	100
cis-1,2-Dichloroethene	16	Not Detected	63	Not Detected
Tetrahydrofuran	16	89	47	260
Chloroform	16	Not Detected	78	Not Detected
1,1,1-Trichloroethane	16	Not Detected	87	Not Detected
Cyclohexane	16	480	55	1700
Carbon Tetrachloride	16	Not Detected	100	Not Detected
2,2,4-Trimethylpentane	16	110	74	510
Benzene	16	540	51	1700
1,2-Dichloroethane	16	Not Detected	64	Not Detected
Heptane	16	2200	65	8900
Trichloroethene	16	32	85	170
1,2-Dichloropropane	16	Not Detected	73	Not Detected
1,4-Dioxane	64	Not Detected	230	Not Detected
Bromodichloromethane	16	Not Detected	110	Not Detected
cis-1,3-Dichloropropene	16	Not Detected	72	Not Detected
4-Methyl-2-pentanone	16	33	65	140
Toluene	16	1100	60	4000
trans-1,3-Dichloropropene	16	Not Detected	72	Not Detected
1,1,2-Trichloroethane	16	Not Detected	87	Not Detected
Tetrachloroethene	16	Not Detected	110	Not Detected
2-Hexanone	64	Not Detected	260	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504375

Lab ID#: 0509087-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091313	Date of Collection: 8/29/05
Dil. Factor:	31.6	Date of Analysis: 9/13/05 10:51 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	16	Not Detected	140	Not Detected
1,2-Dibromoethane (EDB)	16	Not Detected	120	Not Detected
Chlorobenzene	16	74	73	340
Ethyl Benzene	16	2700	69	12000
m,p-Xylene	16	8200	69	36000
o-Xylene	16	840	69	3600
Styrene	16	Not Detected	68	Not Detected
Bromoform	16	Not Detected	160	Not Detected
Cumene	16	330	78	1600
1,1,2,2-Tetrachloroethane	16	Not Detected	110	Not Detected
Propylbenzene	16	160	78	760
4-Ethyltoluene	16	300	78	1500
1,3,5-Trimethylbenzene	16	120	78	610
1,2,4-Trimethylbenzene	16	410	78	2000
1,3-Dichlorobenzene	16	Not Detected	96	Not Detected
1,4-Dichlorobenzene	16	83	96	500
alpha-Chlorotoluene	16	Not Detected	82	Not Detected
1,2-Dichlorobenzene	16	Not Detected	96	Not Detected
1,2,4-Trichlorobenzene	64	Not Detected	470	Not Detected
Hexachlorobutadiene	64	Not Detected	680	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: 0504378

Lab ID#: 0509087-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: d091318	Date of Collection: 8/29/05
Dil. Factor: 12.7	Date of Analysis: 9/14/05 05:27 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	6.4	88	31	440
Freon 114	6.4	100	44	710
Chloromethane	25	Not Detected	52	Not Detected
Vinyl Chloride	6.4	11	16	28
1,3-Butadiene	6.4	Not Detected	14	Not Detected
Bromomethane	6.4	Not Detected	25	Not Detected
Chloroethane	6.4	Not Detected	17	Not Detected
Freon 11	6.4	Not Detected	36	Not Detected
Ethanol	25	68	48	130
Freon 113	6.4	9.8	49	75
1,1-Dichloroethene	6.4	Not Detected	25	Not Detected
Acetone	25	55	60	130
2-Propanol	25	Not Detected	62	Not Detected
Carbon Disulfide	6.4	6.7	20	21
3-Chloropropene	25	Not Detected	80	Not Detected
Methylene Chloride	6.4	1500	22	5200
Methyl tert-butyl ether	6.4	Not Detected	23	Not Detected
trans-1,2-Dichloroethene	6.4	Not Detected	25	Not Detected
Hexane	6.4	840	22	2900
1,1-Dichloroethane	6.4	Not Detected	26	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.4	53	19	160
cis-1,2-Dichloroethene	6.4	Not Detected	25	Not Detected
Tetrahydrofuran	6.4	Not Detected	19	Not Detected
Chloroform	6.4	Not Detected	31	Not Detected
1,1,1-Trichloroethane	6.4	Not Detected	35	Not Detected
Cyclohexane	6.4	110	22	390
Carbon Tetrachloride	6.4	Not Detected	40	Not Detected
2,2,4-Trimethylpentane	6.4	35	30	160
Benzene	6.4	170	20	540
1,2-Dichloroethane	6.4	Not Detected	26	Not Detected
Heptane	6.4	250	26	1000
Trichloroethene	6.4	Not Detected	34	Not Detected
1,2-Dichloropropane	6.4	Not Detected	29	Not Detected
1,4-Dioxane	25	Not Detected	92	Not Detected
Bromodichloromethane	6.4	Not Detected	42	Not Detected
cis-1,3-Dichloropropene	6.4	Not Detected	29	Not Detected
4-Methyl-2-pentanone	6.4	10	26	41
Toluene	6.4	250	24	960
trans-1,3-Dichloropropene	6.4	Not Detected	29	Not Detected
1,1,2-Trichloroethane	6.4	Not Detected	35	Not Detected
Tetrachloroethene	6.4	Not Detected	43	Not Detected
2-Hexanone	25	Not Detected	100	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504378

Lab ID#: 0509087-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	0081318	Date of Collection: 8/29/05
Dil. Factor:	12.7	Date of Analysis: 9/14/05 05:27 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	6.4	Not Detected	54	Not Detected
1,2-Dibromoethane (EDB)	6.4	Not Detected	49	Not Detected
Chlorobenzene	6.4	31	29	140
Ethyl Benzene	6.4	49	28	210
m,p-Xylene	6.4	3900	28	17000
o-Xylene	6.4	47	28	200
Styrene	6.4	Not Detected	27	Not Detected
Bromoform	6.4	Not Detected	66	Not Detected
Cumene	6.4	120	31	620
1,1,2,2-Tetrachloroethane	6.4	Not Detected	44	Not Detected
Propylbenzene	6.4	100	31	500
4-Ethyltoluene	6.4	170	31	820
1,3,5-Trimethylbenzene	6.4	160	31	800
1,2,4-Trimethylbenzene	6.4	300	31	1500
1,3-Dichlorobenzene	6.4	Not Detected	38	Not Detected
1,4-Dichlorobenzene	6.4	61	38	370
alpha-Chlorotoluene	6.4	Not Detected	33	Not Detected
1,2-Dichlorobenzene	6.4	Not Detected	38	Not Detected
1,2,4-Trichlorobenzene	25	Not Detected	190	Not Detected
Hexachlorobutadiene	25	Not Detected	270	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

Client Sample ID: 0504379

Lab ID#: 0509087-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091314	Date of Collection:	8/29/05
Dil. Factor:	33.5	Date of Analysis:	9/13/05 11:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	17	1200	83	6200
Freon 114	17	150	120	1000
Chloromethane	67	Not Detected	140	Not Detected
Vinyl Chloride	17	1300	43	3400
1,3-Butadiene	17	Not Detected	37	Not Detected
Bromomethane	17	Not Detected	65	Not Detected
Chloroethane	17	Not Detected	44	Not Detected
Freon 11	17	69	94	390
Ethanol	67	280	130	530
Freon 113	17	Not Detected	130	Not Detected
1,1-Dichloroethene	17	Not Detected	66	Not Detected
Acetone	67	80	160	190
2-Propanol	67	78	160	190
Carbon Disulfide	17	Not Detected	52	Not Detected
3-Chloropropene	67	Not Detected	210	Not Detected
Methylene Chloride	17	290	58	1000
Methyl tert-butyl ether	17	Not Detected	60	Not Detected
trans-1,2-Dichloroethene	17	46	66	180
Hexane	17	15000 E	59	55000 E
1,1-Dichloroethane	17	Not Detected	68	Not Detected
2-Butanone (Methyl Ethyl Ketone)	17	55	49	160
cis-1,2-Dichloroethene	17	150	66	610
Tetrahydrofuran	17	Not Detected	49	Not Detected
Chloroform	17	Not Detected	82	Not Detected
1,1,1-Trichloroethane	17	Not Detected	91	Not Detected
Cyclohexane	17	1900	58	6500
Carbon Tetrachloride	17	Not Detected	100	Not Detected
2,2,4-Trimethylpentane	17	950	78	4400
Benzene	17	760	54	2400
1,2-Dichloroethane	17	Not Detected	68	Not Detected
Heptane	17	3300	69	13000
Trichloroethene	17	43	90	230
1,2-Dichloropropane	17	33	77	150
1,4-Dioxane	67	Not Detected	240	Not Detected
Bromodichloromethane	17	Not Detected	110	Not Detected
cis-1,3-Dichloropropene	17	Not Detected	76	Not Detected
4-Methyl-2-pentanone	17	110	69	470
Toluene	17	6600	63	25000
trans-1,3-Dichloropropene	17	Not Detected	76	Not Detected
1,1,2-Trichloroethane	17	Not Detected	91	Not Detected
Tetrachloroethene	17	20	110	140
2-Hexanone	67	Not Detected	270	Not Detected

AIR TOXICS LTD.

Client Sample ID: 0504379

Lab ID#: 0509087-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091314	Date of Collection:	8/29/05
DilFactor:	33.5	Date of Analysis:	9/13/05 11:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	17	Not Detected	140	Not Detected
1,2-Dibromoethane (EDB)	17	Not Detected	130	Not Detected
Chlorobenzene	17	33	77	150
Ethyl Benzene	17	2300	73	10000
m,p-Xylene	17	4800	73	21000
o-Xylene	17	1200	73	5400
Styrene	17	Not Detected	71	Not Detected
Bromoform	17	Not Detected	170	Not Detected
Cumene	17	560	82	2800
1,1,2,2-Tetrachloroethane	17	Not Detected	110	Not Detected
Propylbenzene	17	190	82	930
4-Ethyltoluene	17	630	82	3100
1,3,5-Trimethylbenzene	17	290	82	1400
1,2,4-Trimethylbenzene	17	880	82	4300
1,3-Dichlorobenzene	17	Not Detected	100	Not Detected
1,4-Dichlorobenzene	17	280	100	1700
alpha-Chlorotoluene	17	Not Detected	87	Not Detected
1,2-Dichlorobenzene	17	Not Detected	100	Not Detected
1,2,4-Trichlorobenzene	67	Not Detected	500	Not Detected
Hexachlorobutadiene	67	Not Detected	710	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509087-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091304	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/13/05 12:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509087-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091304	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 9/13/05 12:38 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509087-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091302	Date of Collection:	NA
Dil Factor:	1.00	Date of Analysis:	9/13/05 10:23 AM

Compound	%Recovery
Freon 12	117
Freon 114	125
Chloromethane	114
Vinyl Chloride	104
1,3-Butadiene	127
Bromomethane	106
Chloroethane	105
Freon 11	117
Ethanol	92
Freon 113	113
1,1-Dichloroethene	104
Acetone	98
2-Propanol	102
Carbon Disulfide	97
3-Chloropropene	92
Methylene Chloride	99
Methyl tert-butyl ether	85
trans-1,2-Dichloroethene	94
Hexane	97
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	105
cis-1,2-Dichloroethene	101
Tetrahydrofuran	95
Chloroform	104
1,1,1-Trichloroethane	102
Cyclohexane	95
Carbon Tetrachloride	109
2,2,4-Trimethylpentane	99
Benzene	97
1,2-Dichloroethane	107
Heptane	109
Trichloroethene	103
1,2-Dichloropropane	101
1,4-Dioxane	98
Bromodichloromethane	111
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	109
Toluene	100
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	105
Tetrachloroethene	106
2-Hexanone	109

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509087-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	4091302	Date of Collection:	NA
Dil Factor:	1.00	Date of Analysis:	9/13/05 10:23 AM

Compound	%Recovery
Dibromochloromethane	121
1,2-Dibromoethane (EDB)	109
Chlorobenzene	102
Ethyl Benzene	105
m,p-Xylene	109
o-Xylene	104
Styrene	115
Bromoform	126
Cumene	104
1,1,2,2-Tetrachloroethane	103
Propylbenzene	107
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	105
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	103
1,2,4-Trichlorobenzene	95
Hexachlorobutadiene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509087-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091303	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/13/05 11:15 AM

Compound	%Recovery
Freon 12	112
Freon 114	128
Chloromethane	120
Vinyl Chloride	103
1,3-Butadiene	147 Q
Bromomethane	107
Chloroethane	100
Freon 11	120
Ethanol	68
Freon 113	119
1,1-Dichloroethene	107
Acetone	92
2-Propanol	98
Carbon Disulfide	121
3-Chloropropene	84
Methylene Chloride	106
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	115
Hexane	102
1,1-Dichloroethane	94
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	106
Tetrahydrofuran	92
Chloroform	95
1,1,1-Trichloroethane	85
Cyclohexane	100
Carbon Tetrachloride	94
2,2,4-Trimethylpentane	101
Benzene	88
1,2-Dichloroethane	93
Heptane	117
Trichloroethene	94
1,2-Dichloropropane	86
1,4-Dioxane	81
Bromodichloromethane	110
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	86
Toluene	95
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	96
Tetrachloroethene	101
2-Hexanone	64

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509087-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	d091303	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 9/13/05 11:15 AM	

Compound	%Recovery
Dibromochloromethane	122
1,2-Dibromoethane (EDB)	99
Chlorobenzene	97
Ethyl Benzene	98
m,p-Xylene	103
o-Xylene	97
Styrene	141 Q
Bromoform	136
Cumene	97
1,1,2,2-Tetrachloroethane	91
Propylbenzene	104
4-Ethyltoluene	86
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	97
alpha-Chlorotoluene	74
1,2-Dichlorobenzene	95
1,2,4-Trichlorobenzene	74
Hexachlorobutadiene	82

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	99	70-130

TABLE #1: SELECTED ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED JULY 6 & 7, 2005
OAK GROVE VILLAGE WELL SITE, FRANKLIN COUNTY, MISSOURI

- All values listed in parts per million (mg/kg) unless otherwise noted.
- NL denotes benchmark value not listed in reference source.
- NA denotes not analyzed
- Sample results in yellow shaded cells represent COPCs

Sample ID	SB-1	SB-2	SB-2	SB-3	SB-9	SB-9	SB-15	SB-16	SB-16	SCDM[2]	EPA PRG[4]	
Depth of Sample, in or ft	4'	5'	10'	4' - 5'	8'	9'	7' - 8'	7'	28'		Ind.	Migrn to GW
Laboratory Number	0502798	0502799	0502800	0502801	0502802	0502803	0502804	0502805	0502806			
Metals												
Cadmium	<.025	<.025	<.025	<.025	.0625	<.025	.087	.117	.283	39	450	8
Chromium, total	21.3	36.1	21.4	25.0	15.5	7.36	38.8	43.7	23.3	230	450	38
Copper	10.1	12.9	6.91	6.81	7.22	3.04	5.03	5.18	28.7	NL	41000	NL
Iron	16,700	31,000	21,200	16,600	11,600	4,380	17,400	24,600	14,800	NL	100000	NL
Lead	9.15	32.9	23.4	16.8	13.4	3.29	9.56	15.8	302.0	NL	750	NL

[2] SCDM - Superfund Chemical Data Matrix, January 28, 2004, lower of reference dose and cancer risk benchmarks for soil pathway

[4] EPA PRG - EPA Region 9 Preliminary Remedial Goals, October 2004, residential and industrial use, and migration to groundwater soil benchmarks (dilution/attenuation factor = 20).

TABLE #2: SELECTED ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED JULY 19, 2005
OAK GROVE VILLAGE WELL SITE, FRANKLIN COUNTY, MISSOURI

- All values listed in parts per million (mg/kg) unless otherwise noted.
- NL denotes benchmark value not listed in reference source.
- NA denotes not analyzed
- Sample results in yellow shaded cells represent COPCs

Sample ID	SB-28	SB-28	SB-34	TRIP BLANK	SCDM[2]	EPA PRG[4]	
Depth of Sample, in or ft	8' - 9'	7' - 8'	7' - 8'			Ind.	Migrn to GW
Laboratory Number	0503875	0503876	0503877	0503884			
Metals							
Cadmium	.158	.319	.171	NA	39	NL	18
Chromium, total	37.5	20.2	32.4	NA	230	NL	NL
Copper	10.7	10.0	5.73	NA	NL	NL	1500
Lead	15.1	32.8	21.7	NA	NL	NL	NL
Volatile Organic Compounds (VOCs)							
1,1-Dichloroethane	<.0025	.0657	<.0025	<.5	7800	NL	810
1,2,4-Trimethylbenzene	<.0025	<.0025	.00408 (e)	<.5	NL	NL	12
1-Chlorobutane	<.0025	<.0025	.00626	<.5	NL	NL	2400
2-Butanone (MEK)	.0456	.0685	<.01	<2.5	47000	NL	7000
acetone	.0649 (e)	.112	<.05	<10.0	70000	NL	5500
carbon disulfide	.00543	<.0025	<.0025	<.5	7800	NL	1000
cis-1,2-dichloroethene	<.0025	.00462 (e)	<.0025	<.5	780	NL	61
Ethylbenzene	.00995	<.0025	<.0025	<.5	7800	NL	1300
Isopropylbenzene (Cumene)	.00524	<.0025	.00289 (e)	<.5	7800	NL	660
p-Isopropyltoluene (p-Cymene)	<.0025	.0413	<.0025	<.5	NL	NL	NL
Toluene	.0392	.00627	<.0025	<.5	16000	NL	720
Xylenes (Total)	.0115	<.005	.00587 (e)	<.5	16000	NL	210

[1] e - Estimated value, detection below PQL.

[2] SCDM - Superfund Chemical Data Matrix, January 28, 2004, lower of reference dose benchmarks for soil pathway.

[4] EPA PRG - EPA Region 9 Preliminary Remedial Goals, October 2004, industrial use, and migration to groundwater soil benchmarks (dilution/attenuation factor = 20).

[5] TCLP - Toxicity Leaching Procedure regulatory limit, 40 CFR Part 261, Subpart C.

TABLE#3: SELECTED ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED JULY 18, 2005
OAK GROVE VILLAGE WELL SITE, FRANKLIN COUNTY, MISSOURI

- All values listed in parts per million (mg/kg) unless otherwise noted.
- NL denotes benchmark value not listed in reference source.
- NA denotes not analyzed
- Sample results in yellow shaded cells represent COPCs

Sample ID	SB-19	SB-19	SB-18	SB-22	SB-23	BLIND	SB-21	SCDM[2]	EPA PRG[4]	
Depth of Sample, in or ft	8'	8'	7' - 8'	12' - 13'	12' - 14'	DUPLICATE	12' - 13'		Ind.	Migrn to GW
Laboratory Number	0502807	0502808	0502809	0503871	0503872	0503873	0504039			
Metals										
Cadmium	.121	.215	.233	<.025	<.025	<.025	.323	39	450	8
Chromium, total	56.2	192.0	38.6	34.7	24.8	25.6	24.1	230	450	38
Copper	19.4	13.7	14.9	10.1	11.4	11.5	11.7	NL	41000	NL
Iron	23,400	23,100	22,200	27,500	19,300	22,600	14,600	NL	100000	NL
Lead	63.9	59.3	59.0	5.58	15.5	9.69	80.0	NL	750	NL
Volatile Organic Compounds (VOCs)										
1,1-Dichloroethane	<.0125 (i)	<.005 (i)	<.005 (i)	.00417 (e)	<.0025	<.0025	<.025 (i)	7800	1700	23
1,2,4-Trimethylbenzene	.0258	.0107	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	170	NL
1,2-Dichloroethane	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	7	0.6	0.02
1,3,5-Trimethylbenzene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	70	NL
1,4-Dichlorobenzene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	27	7.9	2
1-Chlorobutane	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	480	NL
2-Butanone (MEK)	<.05 (i)	.0235 (e)	<.02 (i)	1.29	<.01	.0123 (e)	<.1 (i)	47000	110000	NL
2-Hexanone	<.025 (i)	<.01 (i)	<.01 (i)	.0274	<.005	<.005	<.05 (i)	NL	NL	NL
4-Methyl-2-pentanone (MIBK)	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	6300	47000	NL
acetone	<.25 (i)	.101 (e)	<.1 (i)	<.5 (i)	<.05	<.05	<.5 (i)	70000	54000	16
Benzene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	12	1.4	0.03
Bromochloromethane	<.0125 (i)	<.005 (i)	<.005 (i)	.0187	<.0025	<.0025	<.025 (i)	NL	NL	NL
Chlorobenzene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	1600	530	1
Chloroform	<.0125 (i)	<.005 (i)	<.005 (i)	.00287 (e)	<.0025	<.0025	<.025 (i)	780	0.47	0.6
Dichlorodifluoromethane	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	.00322 (e)	<.0025	<.025 (i)	NL	310	NL
Diethyl ether (Ethyl ether)	<.25 (i)	<.1 (i)	<.1 (i)	<.05	<.05	<.05	<.5 (i)	NL	1800	NL
Ethylbenzene	.0459	.019	.00881 (e)	.0111	<.0025	<.0025	.287	7800	400	13
Isopropylbenzene (Cumene)	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	7800	2000	NL
Methylene chloride	<.25 (i)	<.1 (i)	<.1 (i)	<.05	.187	<.5 (i)	<.5 (i)	85	21	0.02
n-Butylbenzene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	240	NL
n-Propylbenzene (Isocumene)	<.0125 (i)	.00773 (e)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	240	NL
Naphthalene	<.05 (i)	<.02 (i)	<.02 (i)	<.01	<.01	<.01	<.1 (i)	3100	190	84
p-Isopropyltoluene (p-Cymene)	1.18	.107	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	NL	NL	NL
Styrene	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	16000	1700	4
Tetrachloroethene (PCE)	<.0125 (i)	<.005 (i)	<.005 (i)	.0361	<.0025	<.0025	<.025 (i)	12	1.3	0.06
Toluene	.0255	.00523 (e)	<.005 (i)	.0591	<.0025	.00587	<.025 (i)	16000	520	12
Trichloroethene (TCE)	<.0125 (i)	<.005 (i)	<.005 (i)	.00843	<.0025	<.0025	<.025 (i)	58	0.11	0.06
Trichlorofluoromethane	<.05 (i)	<.02 (i)	<.02 (i)	.0211 (e)	<.01	<.01	<.1 (i)	23000	2000	NL
Vinyl Chloride	<.0125 (i)	<.005 (i)	<.005 (i)	<.0025	<.0025	<.0025	<.025 (i)	0.43	0.75	0.01
Xylenes (Total)	.048 (e)	.0159 (e)	.0102 (e)	.023	<.005	<.005	.131	16000	420	210

[1] e - Estimated value, detection below PQL. ed

[2] SCDM - Superfund Chemical Data Matrix, January 28, 2004, lower of reference dose and cancer risk benchmarks for soil pathway

[4] EPA PRG - EPA Region 9 Preliminary Remedial Goals, October 2004, industrial use, and migration to groundwater soil benchmarks (dilution/attenuation factor = 20).

[5] TCLP - Toxicity Leaching Procedure regulatory limit, 40 CFR Part 261, Subpart C

i - PQL elevated due to sample dilution

TABLE #4: SELECTED ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES COLLECTED JULY 18, 2005
OAK GROVE VILLAGE WELL SITE, FRANKLIN COUNTY, MISSOURI

- All values listed in parts per billion (ug/l) unless otherwise noted.
- NL denotes benchmark value not listed in reference source.
- Sample results in blue shaded cells represent COPCs

Sample ID	SB-24 @ 12'	SCDM[2]	EPA PRG[4]	MO WQS[5]
Laboratory Number	0503874	MCL		
Metals				
Calcium	1,600			
Chromium, total	73.3	100	NL	100
Copper	20.2	1300	1500	1300
Iron	4,090,000	NL	11000	300
Lead	265.0	15	NL	15
Volatile Organic Compounds (VOCs)				
1,1-Dichloroethane	109.0	NL	810	NL
1,2,4-Trimethylbenzene	34.7	NL	12	NL
1,2-Dichloroethane	4.47	5	0.12	5
1,3,5-Trimethylbenzene	9.8	NL	12	NL
1,4-Dichlorobenzene	5.63	75	0.5	75
1-Chlorobutane	7.91	NL	2400	NL
2-Butanone (MEK)	219,000	NL	7000	NL
2-Hexanone	126.0	NL	NL	NL
4-Methyl-2-pentanone (MIBK)	192.0	NL	2000	NL
acetone	8,800	NL	5500	NL
Benzene	16.7	5	0.35	5
Bromochloromethane	284.0	NL	NL	90
Chlorobenzene	2.64	100	110	100
Dichlorodifluoromethane	13.0	NL	390	NL
Diethyl ether (Ethyl ether)	154.0	NL	1200	NL
Ethylbenzene	42.8	700	1300	700
Isopropylbenzene (Cumene)	6.93	NL	660	NL
n-Butylbenzene	2.42	NL	240	NL
Naphthalene	3.9 (e)	NL	6.2	20
p-Isopropyltoluene (p-Cymene)	1.0	NL	NL	NL
Styrene	12.8	100	1600	100
Tetrachloroethene (PCE)	3.87	5	0.1	5
Toluene	3,420	1000	720	1000
Trichloroethene (TCE)	1.92	5	0.028	5
Vinyl Chloride	2.77	2	0.02	2
Xylenes (Total)	101.0	10000	210	10000

[1] e - Estimated value, detected below PQL.

[2] SCDM - Superfund Chemical Data Matrix January 2004, Maximum Contaminant Level (MCL) for drinking water, and lowest of reference dose for groundwater/surface water pathway drinking water.

[4] EPA PRG - EPA Region 9 Preliminary Remedial Goals, October 2004, tap water

5 MO WQS - Missouri Water Quality Standards, groundwater/drinking water use catagories, Missouri Code of State Regulations, 10 CSR 20-7.031, October 31, 1999.

TABLE #5: SELECTED ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES COLLECTED AUGUST 2005
OAK GROVE VILLAGE WELL SITE, FRANKLIN COUNTY, MISSOURI

- All values listed in parts per billion (ug/l) unless otherwise noted.
- NL denotes benchmark value not listed in reference source.
- NA denotes not analyzed
- Sample results in yellow shaded cells represent COPCs of interest

Sample ID	SB-24C	TRIP BLANK	SB-21B	SCDM[2]	EPA PRG[4]	MO WQS[5]
Laboratory Number	0504371	0504372	0504376	MCL		
Date	08/29/05	08/29/05	08/29/05			
Water Quality Indicators						
Choride	906.0	NA	68.3	NL	NL	250000
Sulfate, mg/l	29.5	NA	12.2	NL	NL	250
Metals						
Cadmium	<.25	NA	.81 (e)	5	18	5
Chromium, total	98.5	NA	11.3	100	NL	100
Copper	55.8	NA	14.2	1300	1500	1300
Iron	3,700,000	NA	44,000	NL	11000	300
Lead	93.7	NA	139.0	15	NL	15
Volatile Organic Compounds (VOCs)						
1,1-Dichloroethane	140.0	<.5	<.5	NL	810	NL
1,2,4-Trimethylbenzene	16.3	<.5	10.4	NL	12	NL
1,2-Dichloroethane	4.84	<.5	<.5	5	0.12	5
1,3,5-Trimethylbenzene	5.62	<.5	2.15	NL	12	NL
1,4-Dichlorobenzene	4.41	<.5	5.29	75	0.5	75
1-Chlorobutane	59.1	<.5	<.5	NL	2400	NL
2-Butanone (MEK)	22,100	<2.5	8.84	NL	7000	NL
2-Hexanone	93.5	<1.0	<1.0	NL	NL	NL
4-Methyl-2-pentanone (MIBK)	<.5	<.5	1.34	NL	2000	NL
acetone	7,800	<10.0	<10.0	NL	5500	NL
Benzene	26.4	<.5	5.44	5	0.35	5
Bromochloromethane	188.0	<.5	<.5	NL	NL	90
Chlorobenzene	23.9	<.5	<.5	100	110	100
Dichlorodifluoromethane	61.8	<.5	<.5	NL	390	NL
Diethyl ether (Ethyl ether)	135.0	<10.0	<10.0	NL	1200	NL
Ethylbenzene	32.8	<.5	6.38	700	1300	700
Isopropylbenzene (Cumene)	5.46	<.5	2.82	NL	660	NL
Methyl tertiary-butyl ether (MTBE)	<.5	<.5	.93 (e)	NL	11	NL
n-Butylbenzene	<.5	<.5	1.48	NL	240	NL
Naphthalene	<2.5	<2.5	5.55	NL	6.2	20
p-Isopropyltoluene (p-Cymene)	1.67	<.5	<.5	NL	NL	NL
Styrene	21.2	<.5	<.5	100	1600	100
Tetrachloroethene (PCE)	2.31	<.5	<.5	5	0.1	5
Tetrahydrofuran	851.0	<2.5	23.2	NL	1.6	NL
Toluene	2,130	<.5	3.78	1000	720	1000
Trichloroethene (TCE)	1.68	<.5	<.5	5	0.028	5
Xylenes (Total)	88.7	<.5	63.2	10000	210	10000

[1] e - Estimated value, detected below PQL.

[2] SCDM - Superfund Chemical Data Matrix January 2004, Maximum Contaminant Level (MCL) for drinking water, and lowest of reference dose for groundwater/surface water pathway drinking water.

[4] EPA PRG - EPA Region 9 Preliminary Remedial Goals, October 2004, tap water

[5] MO WQS - Missouri Water Quality Standards, groundwater/drinking water use catagories, Missouri Code of State Regulations, 10 CSR 20-7.031, October 31, 1999.

Missouri Department of Natural Resources

Environmental Services Program

Order ID: 050708004 **Program, Contact:** HWP, Candy McGhee

Report Date: 8/17/2005 **LDPR:** QEOAK/NJ00OAKG

Order Comment:

Sample: 050708004-01 **Facility ID:** **Site:** Oak Grove Village

Customer # : 0502798 **County:** Franklin **Sample Reference ID:** **Collect Date:** 7/6/2005

Collector: Hugh Murrell **Affiliation:** ESP **Collect Time:** 8:00 AM

Matrix: Soils **Sample Comment:** Soil boring SB-1 @ 4'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	21300	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	10100	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	16700000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	9150	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	10.3		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,1-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,2-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloropropanone	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,3-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,3-Trichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,4-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,4-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3,5-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,4-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502798 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 8:00 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-1 @ 4'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1-Chorobutane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Butanone (MEK)	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Hexanone	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Nitropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	4-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	acetone	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Acrylonitrile	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Allyl Chloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Benzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromochloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromodichloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromoform	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromomethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	carbon disulfide	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Carbon Tetrachloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroacetonitrile	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroform	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloromethane	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	cis-1,2-dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	cis-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dibromochloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dibromomethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dichlorodifluoromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Diethyl ether	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Ethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Ethylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Hexachlorobutadiene	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Hexachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Iodomethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Isopropylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502798 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 8:00 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-1 @ 4'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	m&p-Xylenes	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methacrylonitrile	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methyl Acrylate	125	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methylene chloride	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methyl-t-butyl ether	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Naphthalene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	n-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Nitrobenzene	125	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	n-Propylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	o-Xylene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Pentachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	p-Isopropyltoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Propionitrile	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	sec-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Styrene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	tert-Butylbenzene	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Tetrachloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Tetrahydrofuran	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Toluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Total Xylenes	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,2-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Trichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Trichlorofluoromethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Vinyl Chloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0502799 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 9:40 AM

Matrix: Soils | Sample Comment: Soil boring SB-2 @ 5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	36100	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	12900	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	31000000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	32900	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	15.9		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502799 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:40 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-2 @ 5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502799 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:40 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-2 @ 5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502800 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:55 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-2 @ 10'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	21400	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	6910	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	21200000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	23400	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	16.7		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502800 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:55 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-2 @ 10'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0502800 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 9:55 AM

Matrix: Soils | Sample Comment: Soil boring SB-2 @ 10'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0502800 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 9:55 AM

Matrix: Soils | Sample Comment: Soil boring SB-2 @ 10'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-04 | Facility ID: | Site: Oak Grove Village

Customer # : 0502801 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 11:18 AM

Matrix: Soils | Sample Comment: Soil boring SB-3 @ 4-5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	25000	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	6810	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	16600000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	16800	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	13.8		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502801 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 11:18 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-3 @ 4-5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502801 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 11:18 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-3 @ 4-5'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-05 | Facility ID: | Site: Oak Grove Village

Customer # : 0502802 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:25 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	62.5	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	15500	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	7220	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	11600000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	13400	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	18.7		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed. 8/17/2005

Sample: 050708004-05 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502802 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/6/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 2:25 PM

Matrix: Soils | **Sample Comment:** Soil boring SB-9 @ 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-05 | Facility ID: | Site: Oak Grove Village

Customer # : 0502802 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2.25 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-06 | Facility ID: | Site: Oak Grove Village

Customer # : 0502803 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:35 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 9'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	7360	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	3040	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	4380000	17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	3290	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	8.24		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-06 | Facility ID: | Site: Oak Grove Village

Customer # : 0502803 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:35 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 9'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,2-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Acrylonitrile	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-06 | Facility ID: | Site: Oak Grove Village

Customer # : 0502803 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:35 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 9'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Carbon Tetrachloride	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromomethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	125	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	125	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Propylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-Isopropyltoluene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	250	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-06 | Facility ID: | Site: Oak Grove Village

Customer # : 0502803 | County: Franklin | Sample Reference ID: | Collect Date: 7/6/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:35 PM

Matrix: Soils | Sample Comment: Soil boring SB-9 @ 9'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Tetrahydrofuran	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	25.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	50.0	09, ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	12.5	09, ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-07 | Facility ID: | Site: Oak Grove Village

Customer # : 0502804 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 8:55 AM

Matrix: Soils | Sample Comment: Soil boring SB-15 @ 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	87.0	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	38800	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	5030	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	17400000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	9560	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	9.50		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-07 | Facility ID: | Site: Oak Grove Village

Customer # : 0502804 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 8:55 AM

Matrix: Soils | Sample Comment: Soil boring SB-15 @ 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed. 8/17/2005

Sample: 050708004-07 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502804 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/7/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 8:55 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-15 @ 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-08 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502805 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/7/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:35 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-16 @ 7'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	117	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	43700	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	5180	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	24600000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	15800	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	8.41		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,1-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1,2-Trichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloropropanone	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,1-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,3-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,3-Trichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,4-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2,4-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3,5-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,3-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1,4-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	1-Chorobutane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Butanone (MEK)	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Hexanone	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	2-Nitropropane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	4-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	acetone	250	09, ND,17	ug/kg	Q50712-09VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-08 | Facility ID: | Site: Oak Grove Village

Customer # : 0502805 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 9:35 AM

Matrix: Soils | Sample Comment: Soil boring SB-16 @ 7'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Acrylonitrile	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Allyl Chloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Benzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromochloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromodichloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromoform	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Bromomethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	carbon disulfide	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Carbon Tetrachloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroacetonitrile	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chlorobenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloroform	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Chloromethane	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	cis-1,2-dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	cis-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dibromochloromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dibromomethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Dichlorodifluoromethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Diethyl ether	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Ethylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Ethylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Hexachlorobutadiene	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Hexachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Iodomethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Isopropylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	m&p-Xylenes	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methacrylonitrile	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methyl Acrylate	125	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methylene chloride	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methylmethacrylate	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Methyl-t-butyl ether	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Naphthalene	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	n-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Nitrobenzene	125	09, ND,17	ug/kg	Q50712-09VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-08 | Facility ID: | Site: Oak Grove Village

Customer # : 0502805 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 9:35 AM

Matrix: Soils | Sample Comment: Soil boring SB-16 @ 7'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	n-Propylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	o-Xylene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Pentachloroethane	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	p-Isopropyltoluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Propionitrile	250	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	sec-Butylbenzene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Styrene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	tert-Butylbenzene	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Tetrachloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Tetrahydrofuran	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Toluene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Total Xylenes	25.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,2-Dichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Trichloroethene	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Trichlorofluoromethane	50.0	09, ND,17	ug/kg	Q50712-09VOA	8260B
VOAs	Vinyl Chloride	12.5	09, ND,17	ug/kg	Q50712-09VOA	8260B

Sample: 050708004-09 | Facility ID: | Site: Oak Grove Village

Customer # : 0502806 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 10:10 AM

Matrix: Soils | Sample Comment: Soil boring SB-16 @ 28'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	283	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	23300	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	28700	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	14800000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	302000	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	32.4		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Sample: 050708004-09 | Facility ID: | Site: Oak Grove Village

Customer # : 0502806 | County: Franklin | Sample Reference ID: | Collect Date: 7/7/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 10:10 AM

Matrix: Soils | Sample Comment: Soil boring SB-16 @ 28'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-09 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502806 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/7/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 10.10 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-16 @ 28'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	p-isopropyltoluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050708004-09

Customer # : 0502806

Facility ID: | **Site:** Oak Grove Village

County: Franklin | **Sample Reference ID:** | **Collect Date:** 7/7/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 10:10 AM

Matrix: Soils | **Sample Comment:** Soil boring SB-16 @ 28'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50712-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50712-08VOA	8260B

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S. Environmental Protection Agency.

Qualifier Descriptions

01 Improper collection method	11 Estimated value, matrix interference
02 Improper preservation	12 Insufficient quantity
03 Exceeded holding time	13 Estimated value, true result is > reported value
04 Analyzed by Contract Laboratory	14 Estimated value, non-homogeneous sample
05 Estimated value, detected below PQL	15 No Result - Failed Quality Controls Requirements
06 Estimated value, QC data outside limits	16 Not analyzed - related analyte not detected
07 Estimated value, analyte outside calibration range	17 Results in dry weight
08 Analyte present in blank at > 1/2 reported value	18 Sample pH is outside the acceptable range
09 Sample was diluted during analysis	ND Not detected at reported value
10 Laboratory error	

Earl Pabst

Earl Pabst, Program Director
Environmental Services Program
Air and Land Protection Division

Date Printed: 8/17/2005

Missouri Department of Natural Resources

Environmental Services Program

Order ID: 050721008 **Program, Contact:** HWP, Candy McGhee

Report Date: 8/17/2005 **LDPR:** QEOAK/NJ00OAKG

Order Comment:

Sample: 050721008-01 **Facility ID:** **Site:** Oak Grove Village

Customer # : 0503884 **County:** Franklin **Sample Reference ID:** **Collect Date:** 7/15/2005

Collector: Hugh Murrell **Affiliation:** ESP **Collect Time:**

Matrix: Nonpotable Water **Sample Comment:** Trip Blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,1,2-Tetrachloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1,1-Trichloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1,2-Trichloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1-Dichloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1-Dichloroethene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1-Dichloropropanone	1.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,1-Dichloropropene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2,3-Trichlorobenzene	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2,3-Trichloropropane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2,4-Trichlorobenzene	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2,4-Trimethylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2-Dichlorobenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2-Dichloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,2-Dichloropropane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,3,5-Trimethylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,3-Dichlorobenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,3-Dichloropropane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1,4-Dichlorobenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	1-Chorobutane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	2,2-Dichloropropane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	2-Butanone (MEK)	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	2-Chlorotoluene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	2-Hexanone	1.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	2-Nitropropane	0.50	ND	ug/L	Q50729-07VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503884 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/15/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Nonpotable Water | **Sample Comment:** Trip Blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	4-Chlorotoluene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	acetone	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	Acrylonitrile	1.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	Allyl Chloride	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Benzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Bromobenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Bromochloromethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Bromodichloromethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Bromoform	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Bromomethane	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	carbon disulfide	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Carbon Tetrachloride	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Chloroacetonitrile	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	Chlorobenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Chloroethane	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Chloroform	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Chloromethane	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	cis-1,2-dichloroethene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	cis-1,3-Dichloropropene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Dibromochloromethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Dibromomethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Dichlorodifluoromethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Diethyl ether	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	Ethylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Ethylmethacrylate	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Hexachlorobutadiene	1.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	Hexachloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Iodomethane	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Isopropylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	m&p-Xylenes	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Methacrylonitrile	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Methyl Acrylate	5.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	Methylene chloride	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	Methylmethacrylate	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Methyl-t-butyl ether	0.50	ND	ug/L	Q50729-07VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-01 | Facility ID: | Site: Oak Grove Village

Customer # : 0503884 | County: Franklin | Sample Reference ID: | Collect Date: 7/15/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time:

Matrix: Nonpotable Water | Sample Comment: Trip Blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Naphthalene	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	n-Butylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Nitrobenzene	5.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	n-Propylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	o-Xylene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Pentachloroethane	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	p-Isopropyltoluene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Propionitrile	10.0	ND	ug/L	Q50729-07VOA	8260B
VOAs	sec-Butylbenzene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Styrene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	tert-Butylbenzene	1.00	ND	ug/L	Q50729-07VOA	8260B
VOAs	Tetrachloroethene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Tetrahydrofuran	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Toluene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Total Xylenes	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	trans-1,2-Dichloroethene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	trans-1,3-Dichloropropene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Trichloroethene	0.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Trichlorofluoromethane	2.50	ND	ug/L	Q50729-07VOA	8260B
VOAs	Vinyl Chloride	0.50	ND	ug/L	Q50729-07VOA	8260B

Sample: 050721008-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0503875 | County: Franklin | Sample Reference ID: | Collect Date: 7/19/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 10:25 AM

Matrix: Soils | Sample Comment: SB-28, soil boring depth 8-9'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	158	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	37500	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	10700	17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	15100	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	15.1		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0503875 | County: Franklin | Sample Reference ID: | Collect Date: 7/19/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 10:25 AM

Matrix: Soils | Sample Comment: SB-28, soil boring depth 8-9'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	45.6	17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	64.9	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503875 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/19/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 10:25 AM

Matrix: Soils | **Sample Comment:** SB-28, soil boring depth 8-9'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	5.43	17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	9.95	17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	5.24	17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	8.05	17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	3.45	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503875 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/19/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 10:25 AM

Matrix: Soils | **Sample Comment:** SB-28, soil boring depth 8-9'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	5.43	17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	9.95	17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	5.24	17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	8.05	17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	3.45	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0503876 | County: Franklin | Sample Reference ID: | Collect Date: 7/19/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:15 PM

Matrix: Soils | Sample Comment: SB-28, soil boring depth 7-8'..

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	68.5	17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	112	17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	4.62	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503876 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/19/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 2:15 PM

Matrix: Soils | **Sample Comment:** SB-28, soil boring depth 7-8'..

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-isopropyltoluene	41.3	17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	6.27	17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503876 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/19/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 2:15 PM

Matrix: Soils | **Sample Comment:** SB-28, soil boring depth 7-8'..

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050721008-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503877 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/20/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:40 AM

Matrix: Soils | **Sample Comment:** SB-34, soil boring depth 7-8'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	171	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	32400	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	5730	17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	21700	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	15.2		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	4.08	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050721008-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503877 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/20/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:40 AM

Matrix: Soils | **Sample Comment:** SB-34, soil boring depth 7-8'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1-Chorobutane	6.26	17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	2.89	05,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

Sample: 050721008-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503877 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/20/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:40 AM

Matrix: Soils | **Sample Comment:** SB-34, soil boring depth 7-8'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	m&p-Xylenes	3.51	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	5.87	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/17/2005

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S. Environmental Protection Agency.

Qualifier Descriptions

01	Improper collection method	11	Estimated value, matrix interference
02	Improper preservation	12	Insufficient quantity
03	Exceeded holding time	13	Estimated value, true result is > reported value
04	Analyzed by Contract Laboratory	14	Estimated value, non-homogeneous sample
05	Estimated value, detected below PQL	15	No Result - Failed Quality Controls Requirements
06	Estimated value, QC data outside limits	16	Not analyzed - related analyte not detected
07	Estimated value, analyte outside calibration range	17	Results in dry weight
08	Analyte present in blank at > 1/2 reported value	18	Sample pH is outside the acceptable range
09	Sample was diluted during analysis	ND	Not detected at reported value
10	Laboratory error		

Earl Pabst

Earl Pabst, Program Director
Environmental Services Program
Air and Land Protection Division

Date Printed: 8/17/2005

Missouri Department of Natural Resources

Environmental Services Program

Order ID: 050719002 **Program, Contact:** HWP, Candy McGhee

Report Date: 8/30/2005 **LDPR:** QEOAK/NJ00OAKG

Order Comment:

Sample: 050719002-01 **Facility ID:** **Site:** Oak Grove Village

Customer # : 0502809 **County:** Franklin **Sample Reference ID:** **Collect Date:** 7/18/2005

Collector: Hugh Murrell **Affiliation:** ESP **Collect Time:** 1:15 PM

Matrix: Soils **Sample Comment:** SB-18, soil boring 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	233	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	38600	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	14900	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	22200000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	59000	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	28.7		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2-Trichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502809 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 1:15 PM

Matrix: Soils | **Sample Comment:** SB-18, soil boring 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1-Chorobutane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	8.81	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed. 8/30/2005

Sample: 050719002-01

Customer # : 0502809

Facility ID:		**Site:**	Oak Grove Village
County:	Franklin	**Sample Reference ID:**	
Collector:	Hugh Murrell	**Affiliation:**	ESP

Collect Date: 7/18/2005

Collect Time: 1:15 PM

Matrix: Soils

Sample Comment: SB-18, soil boring 7-8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	m&p-Xylenes	5.94	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	50.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	50.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-isopropyltoluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrahydrofuran	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	10.2	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502807 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 12:45 PM

Matrix: Soils | **Sample Comment:** SB-19 soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	121	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	56200	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	19400	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	23400000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	63900	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	23.5		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,1-Trichloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,2-Trichloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloroethene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloropropanone	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloropropene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,3-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,3-Trichloropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,4-Trichlorobenzene	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,4-Trimethylbenzene	25.8	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3,5-Trimethylbenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3-Dichloropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,4-Dichlorobenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1-Chorobutane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2,2-Dichloropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Butanone (MEK)	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Hexanone	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Nitropropane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	4-Chlorotoluene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	acetone	250	09, ND,17	ug/kg	Q50729-04VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0502807 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12:45 PM

Matrix: Soils | Sample Comment: SB-19 soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Acrylonitrile	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Allyl Chloride	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Benzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromobenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromochloromethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromodichloromethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromoform	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromomethane	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	carbon disulfide	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Carbon Tetrachloride	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroacetonitrile	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chlorobenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroethane	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroform	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloromethane	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	cis-1,2-dichloroethene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	cis-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Dibromochloromethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Dibromomethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Dichlorodifluoromethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Diethyl ether	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Ethylbenzene	45.9	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Ethylmethacrylate	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Hexachlorobutadiene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Hexachloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Iodomethane	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Isopropylbenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	m&p-Xylenes	34.8	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methacrylonitrile	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methyl Acrylate	125	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methylene chloride	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methylmethacrylate	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methyl-t-butyl ether	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Naphthalene	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	n-Butylbenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Nitrobenzene	125	09, ND,17	ug/kg	Q50729-04VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0502807 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12 45 PM

Matrix: Soils | Sample Comment: SB-19 soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	n-Propylbenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	o-Xylene	13.2	09, 05,17	ug/kg	Q50729-04VOA	8260B
VOAs	Pentachloroethane	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	p-Isopropyltoluene	1180	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Propionitrile	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	sec-Butylbenzene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Styrene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	tert-Butylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Tetrachloroethene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Tetrahydrofuran	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Toluene	25.5	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Total Xylenes	48.0	09, 05,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,2-Dichloroethene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,3-Dichloropropene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Trichloroethene	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Trichlorofluoromethane	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Vinyl Chloride	12.5	09, ND,17	ug/kg	Q50729-04VOA	8260B

Sample: 050719002-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0502808 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12:50 PM

Matrix: Soils | Sample Comment: SB-19, soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	215	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	192000	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	13700	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	23100000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	59300	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	26.4		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050719002-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0502808 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12:50 PM

Matrix: Soils | Sample Comment: SB-19, soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,2-Trichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	10.7	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	23.5	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	101	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0502808 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 12:50 PM

Matrix: Soils | **Sample Comment:** SB-19, soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Carbon Tetrachloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	19.0	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	11.8	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	50.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	50.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	7.73	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	107	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	100	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	10.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0502808 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12:50 PM

Matrix: Soils | Sample Comment: SB-19, soil boring 8'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Tetrahydrofuran	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	5.23	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	15.9	09, 05,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	20.0	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	5.00	09, ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050719002-04 | Facility ID: | Site: Oak Grove Village

Customer # : 0504039 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 2:00 PM

Matrix: Soils | Sample Comment: SB-21, soil boring 12-13'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	323	17	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	24100	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	11700	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	14600000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	80000	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	16.3		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,1-Trichloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1,2-Trichloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloroethene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloropropanone	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,1-Dichloropropene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,3-Trichlorobenzene	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,3-Trichloropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,4-Trichlorobenzene	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2,4-Trimethylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B

Sample: 050719002-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504039 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 2:00 PM

Matrix: Soils | **Sample Comment:** SB-21, soil boring 12-13'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,2-Dibromo-3-chloropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichlorobenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,2-Dichloropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3,5-Trimethylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3-Dichlorobenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,3-Dichloropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1,4-Dichlorobenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	1-Chorobutane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2,2-Dichloropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Butanone (MEK)	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Chlorotoluene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Hexanone	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	2-Nitropropane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	4-Chlorotoluene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	acetone	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Acrylonitrile	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Allyl Chloride	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Benzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromobenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromochloromethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromodichloromethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromoform	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Bromomethane	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	carbon disulfide	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Carbon Tetrachloride	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroacetonitrile	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chlorobenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroethane	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloroform	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Chloromethane	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	cis-1,2-dichloroethene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	cis-1,3-Dichloropropene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Dibromochloromethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-04 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504039 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 2:00 PM

Matrix: Soils | **Sample Comment:** SB-21, soil boring 12-13'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Dibromomethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Dichlorodifluoromethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Diethyl ether	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Ethylbenzene	287	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Ethylmethacrylate	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Hexachlorobutadiene	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Hexachloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Iodomethane	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Isopropylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	m&p-Xylenes	87.3	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methacrylonitrile	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methyl Acrylate	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methylene chloride	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methylmethacrylate	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Methyl-t-butyl ether	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Naphthalene	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	n-Butylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Nitrobenzene	250	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	n-Propylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	o-Xylene	43.6	09, 05,17	ug/kg	Q50729-04VOA	8260B
VOAs	Pentachloroethane	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	p-Isopropyltoluene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Propionitrile	500	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	sec-Butylbenzene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Styrene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	tert-Butylbenzene	50.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Tetrachloroethene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Tetrahydrofuran	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Toluene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Total Xylenes	131	09,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,2-Dichloroethene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,3-Dichloropropene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Trichloroethene	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Trichlorofluoromethane	100	09, ND,17	ug/kg	Q50729-04VOA	8260B
VOAs	Vinyl Chloride	25.0	09, ND,17	ug/kg	Q50729-04VOA	8260B

Sample: 050719002-05 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503871 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 4:35 PM

Matrix: Soils | **Sample Comment:** SB-22, soil boring 12-13'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	34700	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	10100	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	27500000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	5580	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	8.00		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	4.17	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	1290	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	27.4	17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	500	09, ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-05 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503871 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 4:35 PM

Matrix: Soils | **Sample Comment:** SB-22, soil boring 12-13'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	18.7	17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.87	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	11.1	17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	15.0	17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-05 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503871 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 4:35 PM

Matrix: Soils | **Sample Comment:** SB-22, soil boring 12-13'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	7.98	17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2 50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	36.1	17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	59.1	09,17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	23.0	17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	6 43	17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	21.1	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050719002-06 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503872 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 5:35 PM

Matrix: Soils | **Sample Comment:** SB-23, soil boring 12-14'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	24800	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	11400	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	19300000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	15500	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	20.1		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050719002-06 | Facility ID: | Site: Oak Grove Village

Customer # : 0503872 | County: Franklin | Sample Reference ID: | Collect Date: 7/18/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 5:35 PM

Matrix: Soils | Sample Comment: SB-23, soil boring 12-14'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-06 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503872 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 5.35 PM

Matrix: Soils | **Sample Comment:** SB-23, soil boring 12-14'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	3.22	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	187	17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-06 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503872 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 5:35 PM

Matrix: Soils | **Sample Comment:** SB-23, soil boring 12-14'

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Sample: 050719002-07 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503873 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Soils | **Sample Comment:** Blind duplicate

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total	Cadmium	25.0	17, ND	ug/kg		SW 846 6010B (ICP)
Chromium-Total	Chromium	25600	17	ug/kg		SW 846 6010B (ICP)
Copper-Total	Copper	11500	17	ug/kg		SW 846 6010B (ICP)
Iron-Total	Iron	22600000	09, 17	ug/kg		SW 846 6010B (ICP)
Lead-Total	Lead	9690	17	ug/kg		SW 846 6010B (ICP)
Percent Moisture	Percent Moisture	10.7		%		Not Applicable
VOAs	1,1,1,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,1-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1,2-Trichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,1-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,3-Trichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trichlorobenzene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2,4-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-07 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503873 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Soils | **Sample Comment:** Blind duplicate

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,2-Dibromo-3-chloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,3-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1,4-Dichlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	1-Chorobutane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2,2-Dichloropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Butanone (MEK)	12.3	05,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Hexanone	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	2-Nitropropane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Chlorotoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	acetone	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Acrylonitrile	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Allyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Benzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromodichloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromoform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Bromomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	carbon disulfide	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Carbon Tetrachloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroacetonitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chlorobenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloroform	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Chloromethane	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,2-dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	cis-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dibromochloromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-07 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503873 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Soils | **Sample Comment:** Blind duplicate

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Dibromomethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Dichlorodifluoromethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Diethyl ether	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Ethylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachlorobutadiene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Hexachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Iodomethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Isopropylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	m&p-Xylenes	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methacrylonitrile	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl Acrylate	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylene chloride	500	09, ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methylmethacrylate	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Methyl-t-butyl ether	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Naphthalene	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Nitrobenzene	25.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	n-Propylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	o-Xylene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Pentachloroethane	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	p-Isopropyltoluene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Propionitrile	50.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	sec-Butylbenzene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Styrene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	tert-Butylbenzene	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrachloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Tetrahydrofuran	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Toluene	5.87	17	ug/kg	Q50729-08VOA	8260B
VOAs	Total Xylenes	5.00	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,2-Dichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,3-Dichloropropene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichloroethene	2.50	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Trichlorofluoromethane	10.0	ND,17	ug/kg	Q50729-08VOA	8260B
VOAs	Vinyl Chloride	2.50	ND,17	ug/kg	Q50729-08VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-08 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503874 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 6:50 PM

Matrix: Nonpotable Water | **Sample Comment:** Liquids from SB-24 at 12'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Calcium-Total in Water	Calcium	1600	09	mg/L		SW 846 6020 (ICP-MS)
Chromium-Total in Water	Chromium	73.3	09	ug/L		SW 846 6020 (ICP-MS)
Copper-Total in Water	Copper	20.2	09	ug/L		SW 846 6020 (ICP-MS)
Iron-Total in Water	Iron	4090000	09	ug/L		SW 846 6020 (ICP-MS)
Lead-Total in Water	Lead	265	09	ug/L		SW 846 6020 (ICP-MS)
VOAs	1,1,1,2-Tetrachloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1,1-Trichloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1,2-Trichloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1-Dichloroethane	109		ug/L	Q50729-05VOA	8260B
VOAs	1,1-Dichloroethene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1-Dichloropropanone	1.00	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,1-Dichloropropene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2,3-Trichlorobenzene	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2,3-Trichloropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2,4-Trichlorobenzene	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2,4-Trimethylbenzene	34.7		ug/L	Q50729-05VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2-Dichlorobenzene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,2-Dichloroethane	4.47		ug/L	Q50729-05VOA	8260B
VOAs	1,2-Dichloropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,3,5-Trimethylbenzene	9.80		ug/L	Q50729-05VOA	8260B
VOAs	1,3-Dichlorobenzene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,3-Dichloropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	1,4-Dichlorobenzene	5.63		ug/L	Q50729-05VOA	8260B
VOAs	1-Chorobutane	7.91		ug/L	Q50729-05VOA	8260B
VOAs	2,2-Dichloropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	2-Butanone (MEK)	219000	09	ug/L	Q50729-05VOA	8260B
VOAs	2-Chlorotoluene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	2-Hexanone	126		ug/L	Q50729-05VOA	8260B
VOAs	2-Nitropropane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	4-Chlorotoluene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	192		ug/L	Q50729-05VOA	8260B
VOAs	acetone	8800	09	ug/L	Q50729-05VOA	8260B
VOAs	Acrylonitrile	1.00	ND	ug/L	Q50729-05VOA	8260B

Date Printed. 8/30/2005

Sample: 050719002-08 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503874 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 6:50 PM

Matrix: Nonpotable Water | **Sample Comment:** Liquids from SB-24 at 12'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Allyl Chloride	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Benzene	16.7		ug/L	Q50729-05VOA	8260B
VOAs	Bromobenzene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Bromochloromethane	284	09	ug/L	Q50729-05VOA	8260B
VOAs	Bromodichloromethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Bromoform	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Bromomethane	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	carbon disulfide	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Carbon Tetrachloride	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Chloroacetonitrile	10.0	ND	ug/L	Q50729-05VOA	8260B
VOAs	Chlorobenzene	2.64		ug/L	Q50729-05VOA	8260B
VOAs	Chloroethane	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Chloroform	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Chloromethane	10.0	ND	ug/L	Q50729-05VOA	8260B
VOAs	cis-1,2-dichloroethene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	cis-1,3-Dichloropropene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Dibromochloromethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Dibromomethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Dichlorodifluoromethane	13.0		ug/L	Q50729-05VOA	8260B
VOAs	Diethyl ether	154		ug/L	Q50729-05VOA	8260B
VOAs	Ethylbenzene	42.8		ug/L	Q50729-05VOA	8260B
VOAs	Ethylmethacrylate	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Hexachlorobutadiene	1.00	ND	ug/L	Q50729-05VOA	8260B
VOAs	Hexachloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Iodomethane	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Isopropylbenzene	6.93		ug/L	Q50729-05VOA	8260B
VOAs	m&p-Xylenes	60.0		ug/L	Q50729-05VOA	8260B
VOAs	Methacrylonitrile	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Methyl Acrylate	5.00	ND	ug/L	Q50729-05VOA	8260B
VOAs	Methylene chloride	10.0	ND	ug/L	Q50729-05VOA	8260B
VOAs	Methylmethacrylate	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Methyl-t-butyl ether	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Naphthalene	3.90	05	ug/L	Q50729-05VOA	8260B
VOAs	n-Butylbenzene	2.42		ug/L	Q50729-05VOA	8260B
VOAs	Nitrobenzene	5.00	ND	ug/L	Q50729-05VOA	8260B
VOAs	n-Propylbenzene	0.50	ND	ug/L	Q50729-05VOA	8260B

Date Printed: 8/30/2005

Sample: 050719002-08 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0503874 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 7/18/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 6:50 PM

Matrix: Nonpotable Water | **Sample Comment:** Liquids from SB-24 at 12'.

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	o-Xylene	41.2		ug/L	Q50729-05VOA	8260B
VOAs	Pentachloroethane	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	p-Isopropyltoluene	1.00		ug/L	Q50729-05VOA	8260B
VOAs	Propionitrile	10.0	ND	ug/L	Q50729-05VOA	8260B
VOAs	sec-Butylbenzene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Styrene	12.8		ug/L	Q50729-05VOA	8260B
VOAs	tert-Butylbenzene	1.00	ND	ug/L	Q50729-05VOA	8260B
VOAs	Tetrachloroethene	3.87		ug/L	Q50729-05VOA	8260B
VOAs	Tetrahydrofuran	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Toluene	3420	09	ug/L	Q50729-05VOA	8260B
VOAs	Total Xylenes	101		ug/L	Q50729-05VOA	8260B
VOAs	trans-1,2-Dichloroethene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	trans-1,3-Dichloropropene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	0.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Trichloroethene	1.92		ug/L	Q50729-05VOA	8260B
VOAs	Trichlorofluoromethane	2.50	ND	ug/L	Q50729-05VOA	8260B
VOAs	Vinyl Chloride	2.77		ug/L	Q50729-05VOA	8260B

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S. Environmental Protection Agency.

Qualifier Descriptions

01 Improper collection method	11 Estimated value, matrix interference
02 Improper preservation	12 Insufficient quantity
03 Exceeded holding time	13 Estimated value, true result is > reported value
04 Analyzed by Contract Laboratory	14 Estimated value, non-homogeneous sample
05 Estimated value, detected below PQL	15 No Result - Failed Quality Controls Requirements
06 Estimated value, QC data outside limits	16 Not analyzed - related analyte not detected
07 Estimated value, analyte outside calibration range	17 Results in dry weight
08 Analyte present in blank at > 1/2 reported value	18 Sample pH is outside the acceptable range
09 Sample was diluted during analysis	ND Not detected at reported value
10 Laboratory error	

Connie Giesing

Connie Giesing, Interim Program Director
Environmental Services Program
Field Services Division

Date Printed: 8/30/2005

Missouri Department of Natural Resources

Environmental Services Program

Order ID: 050830001 **Program, Contact:** HWP, Candy McGhee

Report Date: 10/14/2005 **LDPR:** QEOAK/NJ00OAKG

Order Comment:

Sample: 050830001-01 **Facility ID:** **Site:** Oak Grove Village

Customer # : 0504371 **County:** Franklin **Sample Reference ID:** **Collect Date:** 8/29/2005

Collector: Hugh Murrell **Affiliation:** ESP **Collect Time:** 9:55 AM

Matrix: Nonpotable Water **Sample Comment:** SB - 24C

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total in Water	Cadmium	0.25	ND	ug/L		SW 846 6010B (ICP)
Chemical Oxygen Demand	Chemical Oxygen Demand	24000	02,09	mg/L	Q50923-03cod	SM 5220-D
Chloride	Chloride	906	09	mg/L	Q50914-04cl	SM 4500-Cl–E
Chromium-Total in Water	Chromium	98.5	09	ug/L		SW 846 6020 (ICP-MS)
Copper-Total in Water	Copper	55.8	09	ug/L		SW 846 6020 (ICP-MS)
Iron-Total in Water	Iron	3700000	09	ug/L		SW 846 6010B (ICP)
Lead-Total in Water	Lead	93.7	09	ug/L		SW 846 6020 (ICP-MS)
Sulfate	Sulfate	29.5		mg/L	Q50923-15	EPA 375.2
VOAs	1,1,1,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,1-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethane	140		ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloropropanone	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trimethylbenzene	16.3		ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloroethane	4.84		ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3,5-Trimethylbenzene	5.62		ug/L	Q50831-04VOA	8260B
VOAs	1,3-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504371 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:55 AM

Matrix: Nonpotable Water | **Sample Comment:** SB - 24C

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,3-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,4-Dichlorobenzene	4.41		ug/L	Q50831-04VOA	8260B
VOAs	1-Chorobutane	59.1		ug/L	Q50831-04VOA	8260B
VOAs	2,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Butanone (MEK)	22100	09	ug/L	Q50831-04VOA	8260B
VOAs	2-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Hexanone	93.5		ug/L	Q50831-04VOA	8260B
VOAs	2-Nitropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	acetone	7800	09	ug/L	Q50831-04VOA	8260B
VOAs	Acrylonitrile	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Allyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Benzene	26.4		ug/L	Q50831-04VOA	8260B
VOAs	Bromobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromochloromethane	188		ug/L	Q50831-04VOA	8260B
VOAs	Bromodichloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromoform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	carbon disulfide	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Carbon Tetrachloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroacetonitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chlorobenzene	23.9		ug/L	Q50831-04VOA	8260B
VOAs	Chloroethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloromethane	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,2-dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromochloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromomethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dichlorodifluoromethane	61.8		ug/L	Q50831-04VOA	8260B
VOAs	Diethyl ether	135		ug/L	Q50831-04VOA	8260B
VOAs	Ethylbenzene	32.8		ug/L	Q50831-04VOA	8260B
VOAs	Ethylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachlorobutadiene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-01 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504371 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 9:55 AM

Matrix: Nonpotable Water | **Sample Comment:** SB - 24C

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Iodomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Isopropylbenzene	5.46		ug/L	Q50831-04VOA	8260B
VOAs	m&p-Xylenes	53.2		ug/L	Q50831-04VOA	8260B
VOAs	Methacrylonitrile	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl Acrylate	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylene chloride	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl-t-butyl ether	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Naphthalene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	n-Butylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Nitrobenzene	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	n-Propylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	o-Xylene	35.6		ug/L	Q50831-04VOA	8260B
VOAs	Pentachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	p-Isopropyltoluene	1.67		ug/L	Q50831-04VOA	8260B
VOAs	Propionitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	sec-Butylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Styrene	21.2		ug/L	Q50831-04VOA	8260B
VOAs	tert-Butylbenzene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Tetrachloroethene	2.31		ug/L	Q50831-04VOA	8260B
VOAs	Tetrahydrofuran	851	09	ug/L	Q50831-04VOA	8260B
VOAs	Toluene	2130	09	ug/L	Q50831-04VOA	8260B
VOAs	Total Xylenes	88.7		ug/L	Q50831-04VOA	8260B
VOAs	trans-1,2-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Trichloroethene	1.68		ug/L	Q50831-04VOA	8260B
VOAs	Trichlorofluoromethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Vinyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504372 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Nonpotable Water | **Sample Comment:** Trip blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1,1,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,1-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloropropanone	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trimethylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3,5-Trimethylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,4-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1-Chorobutane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Butanone (MEK)	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Hexanone	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Nitropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	acetone	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Acrylonitrile	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Allyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Benzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromochloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromodichloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-02 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504372 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:**

Matrix: Nonpotable Water | **Sample Comment:** Trip blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Bromoform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	carbon disulfide	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Carbon Tetrachloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroacetonitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloromethane	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,2-dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromochloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromomethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dichlorodifluoromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Diethyl ether	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Ethylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Ethylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachlorobutadiene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Iodomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Isopropylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	m&p-Xylenes	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methacrylonitrile	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl Acrylate	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylene chloride	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl-t-butyl ether	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Naphthalene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	n-Butylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Nitrobenzene	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	n-Propylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	o-Xylene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Pentachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	p-Isopropyltoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Propionitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	sec-Butylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-02 | Facility ID: | Site: Oak Grove Village

Customer # : 0504372 | County: Franklin | Sample Reference ID: | Collect Date: 8/29/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time:

Matrix: Nonpotable Water | Sample Comment: Trip blank

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Styrene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	tert-Butylbenzene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Tetrachloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Tetrahydrofuran	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Toluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Total Xylenes	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,2-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Trichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Trichlorofluoromethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Vinyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B

Sample: 050830001-03 | Facility ID: | Site: Oak Grove Village

Customer # : 0504376 | County: Franklin | Sample Reference ID: | Collect Date: 8/29/2005

Collector: Hugh Murrell | Affiliation: ESP | Collect Time: 12:25 PM

Matrix: Nonpotable Water | Sample Comment: SB - 21B

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
Cadmium-Total in Water	Cadmium	0.81	05	ug/L		SW 846 6010B (ICP)
Chemical Oxygen Demand	Chemical Oxygen Demand	170	09	mg/L	Q50923-03cod	SM 5220-D
Chloride	Chloride	68.3		mg/L	Q50914-04cl	SM 4500-Cl--E
Chromium-Total in Water	Chromium	11.3	09	ug/L		SW 846 6020 (ICP-MS)
Copper-Total in Water	Copper	14.2	09	ug/L		SW 846 6020 (ICP-MS)
Iron-Total in Water	Iron	44000		ug/L		SW 846 6010B (ICP)
Lead-Total in Water	Lead	139	09	ug/L		SW 846 6020 (ICP-MS)
Sulfate	Sulfate	12.2		mg/L	Q50923-15	EPA 375.2
VOAs	1,1,1,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,1-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2,2-Tetrachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1,2-Trichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,1-Dichloropropanone	1.00	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504376 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 12:25 PM

Matrix: Nonpotable Water | **Sample Comment:** SB - 21B

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	1,1-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,3-Trichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trichlorobenzene	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2,4-Trimethylbenzene	10.4		ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromo-3-chloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dibromoethane (EDB)	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3,5-Trimethylbenzene	2.15		ug/L	Q50831-04VOA	8260B
VOAs	1,3-Dichlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,3-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	1,4-Dichlorobenzene	5.29		ug/L	Q50831-04VOA	8260B
VOAs	1-Chorobutane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2,2-Dichloropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Butanone (MEK)	8.84		ug/L	Q50831-04VOA	8260B
VOAs	2-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Hexanone	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	2-Nitropropane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Chlorotoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	4-Methyl-2-pentanone(MIBK)	1.34		ug/L	Q50831-04VOA	8260B
VOAs	acetone	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Acrylonitrile	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Allyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Benzene	5.44		ug/L	Q50831-04VOA	8260B
VOAs	Bromobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromochloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromodichloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromoform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Bromomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	carbon disulfide	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Carbon Tetrachloride	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroacetonitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chlorobenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloroethane	2.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504376 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 12:25 PM

Matrix: Nonpotable Water | **Sample Comment:** SB - 21B

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	Chloroform	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Chloromethane	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,2-dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	cis-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromochloromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dibromomethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Dichlorodifluoromethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Diethyl ether	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Ethylbenzene	6.38		ug/L	Q50831-04VOA	8260B
VOAs	Ethylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachlorobutadiene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Hexachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Iodomethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Isopropylbenzene	2.82		ug/L	Q50831-04VOA	8260B
VOAs	m&p-Xylenes	58.1		ug/L	Q50831-04VOA	8260B
VOAs	Methacrylonitrile	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl Acrylate	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylene chloride	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methylmethacrylate	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Methyl-t-butyl ether	0.93	05	ug/L	Q50831-04VOA	8260B
VOAs	Naphthalene	5.55		ug/L	Q50831-04VOA	8260B
VOAs	n-Butylbenzene	1.48		ug/L	Q50831-04VOA	8260B
VOAs	Nitrobenzene	5.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	n-Propylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	o-Xylene	5.09		ug/L	Q50831-04VOA	8260B
VOAs	Pentachloroethane	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	p-isopropyltoluene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Propionitrile	10.0	ND	ug/L	Q50831-04VOA	8260B
VOAs	sec-Butylbenzene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Styrene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	tert-Butylbenzene	1.00	ND	ug/L	Q50831-04VOA	8260B
VOAs	Tetrachloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Tetrahydrofuran	23.2		ug/L	Q50831-04VOA	8260B
VOAs	Toluene	3.78		ug/L	Q50831-04VOA	8260B
VOAs	Total Xylenes	63.2		ug/L	Q50831-04VOA	8260B
VOAs	trans-1,2-Dichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B

Date Printed: 10/14/2005

Sample: 050830001-03 | **Facility ID:** | **Site:** Oak Grove Village

Customer # : 0504376 | **County:** Franklin | **Sample Reference ID:** | **Collect Date:** 8/29/2005

Collector: Hugh Murrell | **Affiliation:** ESP | **Collect Time:** 12:25 PM

Matrix: Nonpotable Water | **Sample Comment:** SB - 21B

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
VOAs	trans-1,3-Dichloropropene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	trans-1,4-Dichloro-2-butene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Trichloroethene	0.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Trichlorofluoromethane	2.50	ND	ug/L	Q50831-04VOA	8260B
VOAs	Vinyl Chloride	0.50	ND	ug/L	Q50831-04VOA	8260B

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S. Environmental Protection Agency.

for

Connie Giesing, Interim Program Director
Environmental Services Program
Field Services Division

Qualifier Descriptions

01 Improper collection method	11 Estimated value, matrix interference
02 Improper preservation	12 Insufficient quantity
03 Exceeded holding time	13 Estimated value, true result is > reported value
04 Analyzed by Contract Laboratory	14 Estimated value, non-homogeneous sample
05 Estimated value, detected below PQL	15 No Result - Failed Quality Controls Requirements
06 Estimated value, QC data outside limits	16 Not analyzed - related analyte not detected
07 Estimated value, analyte outside calibration range	17 Results in dry weight
08 Analyte present in blank at > 1/2 reported value	18 Sample pH is outside the acceptable range
09 Sample was diluted during analysis	ND Not detected at reported value
10 Laboratory error	

Date Printed: 10/14/2005

6/2/05 I PASS PAH TEST!

Kingdom City report turned in w/ conclusions

6/10/05 Baldwin Park report turned in to Earl.

6/20 Potosi sampling

6/30 " " 12 hrs

7/1 " " 13.5 hrs

7/5 Oak Grove MIP Geoprobing 12 hrs
Arrived on site @ 3:30 pm
200 ft. centers around landfill

QA/QC R1 49 sec, resp trip set 200 µg/50 mL
SUL1 done @ 1800
R2 51 sec

GPS SUL1: N 38° 14' 12.4"
W 91° 07' 55.7"

7/6/05 5:30 - 5:30 11 hrs

SOIL BORING SUL1 7:30 am
SB-1 metals
VOAs

#0502798 ⇒ SB-1 @ 0800
sample @ 4' refusal @ 6'

7/6/05 8:48 am
SUL1 RSP1: Time 59 sec Peak: 38000

SUL2 refusal @ ~10 ft. Peak:
#32 GPS SUL2: 38° 14' 14.0"
91° 07' 54.8"

SB-2 # 0502799 ⇒ SB-2 @ 0940
sample @ 5'
0502800 ⇒ SB-2 @ 0955
sample @ 10'

SB-3 # 0502801 @ 1118
sample @ 4-5'
#33 GPS 38° 14' 15.3"
91° 07' 55.4"

SB-4 # ~~2502802~~ 0502802 @ ⇒ No sample (refusal) @ 4'
sample @
#34 GPS 38° 14' 16.8"
91° 08' 00.0"

RECEIVED
DEC 11 2006
Hazardous Waste Program
MO Dept. of Natural Resources

7-6-05

SB-5 => No Sample
↳ refusal @ 4'
#35 GPS 38° 14' 17.5" N
91° 08' 02.2" W

SB-6 => No Sample
↳ refusal @ 4'
#36 GPS 38° 14' 15.5" N
91° 08' 11.3" W

SB-7 => No Sample
↳ refusal @ 4'
#37 GPS 38° 14' 14.5" N
91° 08' 11.5" W

SB-8 => No sample
400' from SB-7 ↳ Refusal @ 6'
#38 GPS 38° 14' 11.0" N
91° 08' 11.9" W

→ (2 samples)
SB-9 => # 0502802 @ 1425
Sample @ 8'
#39 GPS 38° 14' 07.3" N
91° 08' 11.9" W

7-6-05 (cont.)
~~SB-9~~ = # 0502803 @ 1435
Sample @ 9'
↳ Same GPS

SB-10 => No sample
↳ Refusal @ 2'
#40 GPS 38° 14' 04.5" N
91° 08' 09.3" W

SB-11 => No Sample
↳ Refusal @ 6'
#41 GPS 38° 14' 05.0" N
91° 08' 04.5" W

SB-12 => No Sample
↳ Refusal @ 3.5 ft
#42 GPS 38° 14' 07.0" N
91° 08' 01.7" W

SB-13 => No Sample
↳ Refusal @ 1.0 ft.
#43 GPS 38° 14' 10.7" N
91° 08' 00.5" W

11.5

7/7/05 07:00 → 6:30

SUL14 in field S of landfill
Rsp peak 109,000
Baseline 29 000
trip time 43 sec
SUL15 (Rsp tst)
Baseline 38,000
Rsp. peak 58,000
trip time 52 sec

SB-14 => No sample
↳ Refusal @ 8 ft.
#44 GPS 38° 14' 03.3" N
91° 08' 12.3" W

SB-15 => # 0502804 @ 0855
↳ sample @ 7-8 ft.
#45 GPS 38° 14' 02.5" N
91° 08' 10.1" W

↳ 2 samples
SB-16 => # 0502805 @ 0935
↳ sample @ 7 ft.
#46 GPS 38° 14' 03.5" N
91° 08' 08.5" W

→ # 0502806 @ 1010
↳ sample @ 28 ft.
same GPS

SUL17 SINKHOLE 11:15 am
Rsp peak 61,000 Baseline: ~~50,000~~ 48,000
trip time 53 sec

SUL-
~~SB-17~~ MIP refusal @ 9.5 ft.
Lots of peaks noted.
SUL17R2
peak: 58,000 baseline: ~~48,000~~ 58,000
trip time 45 sec

SB-17 => No sample (frost in sinkhole)
↳ refusal at 9.5 ft
#47 GPS 38° 14' 11.0" N
91° 08' 09.5" W

(13 hrs)

7/18/05 SULLIVAN LANDFILL
HM, RS, SR, MF read and signed HSP.

Arrived on site 10:15 am

RS will GPR the sinkhole prior to placing MIP.

SUL18 - MIP
SB-18 - Soil boring → refusal @ 7-8'
#48 GPS: N 38° 14' 11.2" #0502809
W 91° 08' 11.0" @1315
@7-8'

10 ppm TCE reference standard
SULPRE (Resp. test)

Baseline 13,000 PID
18,000 peak

Refusal SUL18 @ 7'

SUL19 Refusal @ 10.7'
SB19
GPS: N 38° 14' 11.6"
W 91° 08' 10.4"

metals, VOAs
#0502807 SB19 @ 8' @ 1245

#0502808 Lab QC sample @ 1250
same depth

trash level between 6.5 + 8.9'

SB-20 done @ 1321 petrol smell
↓ refusal @ 11.5'
GPS: N 38° 14' 11.0" NO SAMPLE COLLECTED
W 91° 08' 10.3"

SB-21 done @ 1354
refusal @ 9'
#0504039 @ 1400 @ 12-13
GPS: N 38° 14' 11.5"
W 91° 08' 09.6"

SB-22
SUL22 Baseline: 29,000 µV Peak: 63,000 µV
Trip time: 47
GPS: N 38° 14' 17.5"
W 91° 08' 09.4"

SB-22 #0503871 @ 1655
12-13'

→

SVL 23 with MIP refusal @ 14.5'

SB-23

GPS: N38° 14' 16.2"
W 91° 08' 07.1"

→ NO SAMPLE FROM 8-10', MACROCORE WAS JAMMED.

SB-23 sample # 0503872 @ 1735 12-14'
Blind duplicate # 0503873 @ 1745 12-14'

SB-24

GPS N38 14' 16.2"
W 91 08' 04.8"

refusal @ 12' #0503874 @ 1850
liquid encountered @ 12' 2 VOAS
1 cubic-metals

7/19/05. Arrived 7:10 am (11 hrs)
ES will take 7/18 samples back with him.

SB-25 Refusal @ 10.5'
GPS: N38° 14' 16.3"
W 91° 08' 02.1" No sample taken

SB-26 Refusal @ 15'
GPS: N 38° 14' 15.6"
W 91° 07' 59.8" NO SAMPLE TAKEN

SB-27 Refusal @ 12.5'
GPS: N38° 14' 14.8"
W 91° 07' 57.6" NO SAMPLE TAKEN

SB-28

GPS: N38° 14' 14.4"
W 91 07' 56.5"
#0503875 @ 1025 from 8-9'

SB-29 Start: 1320
GPS: N 38° 14' 13.9"
W 91° 07' 59.2"
Refusal @ 12', Attempted to solid point down further - Refusal @ 13' with solid point.

SB-30 refusal @ 10'
GPS: N38° 14' 12.5"
W 91° 08' 00.9" #0503876 @ 1415
~~#0503877~~ @ 7-8'

SB-31 refusal @ 17'
GPS: N 38° 14' 12.2"
W 91° 08' 03.2"

Rain & lightning @ 3:00pm

7/20/05 Arrived 7:15am

SB-32 Refusal @ 17'
GPS: N 38° 14' 11.7"
W 91° 08' 05.2"
NO SAMPLE TAKEN

MIP'd start 8:25am

SB-33 refusal @ 8'
GPS: N 38° 14' 10.3" NO SAMPLE TAKEN
W 91° 08' 07.3"

SB-34
GPS: N 38° 14' 05.8"
W 91° 08' 08.6"

#0503877 @ 0940 7-8'

An attempt was made to redrill SB-24 to try and retrieve more liquid sample. It was unsuccessful.

11:15 Started mixing grout.
14:10 Finished holes

HR, LT
8/1 FREDRICKTOWN 8/1
12.5 hrs.

Arrived ~2:30pm
We went to the Madison County Health Dept. first. We decided to start on the inset map first. The land is owned by Lyndall Sykes, an ~900 acre farm.

The topo map provided will be used to mark locations.
For example, SD-1 and SW-1 were both taken on the ~~[illegible]~~ St. Francis river, at the confluence with the main St. Francis river.

GPS: N 38° 54' 20.4"
W -91° 42' 19.5"

3 Diesel ASTs
4 USTS No sheen on USTS sumps
(cell → 417 770 1616 slight sheen
David Miltonberger 573 761 4855 on fill pnts

Repairs have been made to premium unleaded tank.

Seep has been stopped with absorbent pads. Did not advance past tel pole

Very slow seep, 3 trenches were covered since they (EW1) will mobilize on Mon
Jim Fels Scott Hesse
Shawn Fester

Env. Works will mobilize with a geoprobe

EW1 recovered ~150 gallons of water/oil mixture. maybe 1 gal of product.
Booms and pads were recovered.
- No inv. controls available at the time of the incident.
David Miltonberger was not available on cell phone

QEEJE OT PET 2 050827-1830-LJT

I told the contractor and PSTIF rep that additional SC is warranted. Oil globules appeared in 2 of the 3 trenches. Amount is < 1 gal.

EW1 will dig additional trenches and possibly geoprobe on Mon or Tue (8/29, 8/30)
A new R # and claim will most likely be needed. There are various oil stains around Diesel island. Due to amount of rainfall and apparent perched GW, no additional trenches were dug. The seep is very small and the waterways were not affected.

Jim Fels (573) 426-3700

8/29 MON OAK GROVE 6:30 → 4:30
10 hrs

Arrived 8:30 am
with GPS, located SB-24 location.

New boring SB-24b Refusal @ 11 ft,
GPS: N 38° 14' 16.3" no methane
WP#3 W 91° 08' 04.3"
will move to flag of SB-24

wpt. #4

SB-24C GPS: N 38° 14' 16.2"
W 91° 08' 04.6"

Refusal @ 16'
No CH_4 readings on meters.

#0504370 will be summa sample #1
@ 0938 summa was opened for
10 sec.

pH meter # 100491 calibrated with
buffers of 7 + 10.

pH of SB-24C = 6.04 temp 21.9°C

Chloride, nonH sulfate and COD H_2SO_4 → metals sample HNO3
#0504371 @ 0955

Borehole collapsed

SB-24D was drilled to collect VOAS ~ 6 in
right of hole

#0504372 Trip Blank
@ 1530 8/26/05

A set of non-HCl preserved VOAS
were sampled for Candice McGhee
for a lab in Rolla. These will
be transported under COC by her.

#0504373
@ 1057 2 voas filled from the
unpreserved cubic of #0504371

2 VOAS w/HCl were collected from the
same unpreserved cubic #0504371
@ 1120

~~SB-25~~
SB-19B GPS N 38° 14' 11.7" wpt #5
(N part of sinkhole W 91° 08' 10.3"
Refusal @ 11' No liquid, septic odor noted.

The vacuum line was cleared by pulling
~ 1/2 atm through the line with Geoprobe
pump.

* Summa #2 is 0504374 @ 1200

wpt #6

GPS N 38° 14' 11.5"
W 91° 08' 09.4"

SB-21B
Refusal @ 9.5'
Summa Canister #3 → 0504375 @ 1215

Liquid sample #0504376 @ 1225

2 VOAs (non-HCl) taken for candy @ 1230
#0504377

pH: 6.17 temp 22.0°C

wpt #7

SB-20B GPS: N 38° 14' 09.3"
Refusal @ 11' W 91° 08' 05.4"

Summa #4 → #0504378 @ 1300

wpt #8

N 38° 14' 07.1"
SB-35 GPS: W 91 08' 07.4'
Summa #5 → 0504379 @ 1320

OAK GROVE VILLAGE REPORT TURNED IN!

↳ 9/2/05

map done 9/1

MADISON COUNTY MINES TURNED IN!

July August 2006

N

Legend

- Lechate/Volitles Samples
- Soil Samples

Missouri Department of Natural Resources
Division of Environmental Quality
Hazardous Waste Program
Created by Candice McGhee July 12, 2006

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