FPM group

FPM Group, Ltd.
FPM Engineering Group, P.C.
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VIA MAIL AND EMAIL

September 19, 2005

Mr. Joseph Jones
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233

Re: **Bi-annual Groundwater Monitoring and Status Report**
Arkwin Industries Site
NYSDEC Registry # 1-30-043D
FPM File No. 652-05-06

Dear Mr. Jones:

In accordance with the groundwater and remediation system monitoring schedule outlined in the November 2000 Groundwater Remediation Work Plan (GRWP) with addendums (January 2002) and the March 2003 Operation, Maintenance and Monitoring Plan (OMMP) for the above-referenced site, as approved by the New York State Department of Environmental Conservation (NYSDEC), the fifth round of bi-annual groundwater monitoring was performed by FPM Group (FPM) on March 30, 2005. Wells AIMW-10A, AIMW-10B, AIMW-11A, AIMW-11B, MW-4 and MW-7, situated hydraulically downgradient of the site, were sampled to evaluate the performance of the two air sparge/soil vapor extraction (AS/SVE) groundwater remediation systems, which were placed into operation in November 2002. In addition, seven upgradient monitoring wells, AIMW-8A, AIMW-8B, AIMW-9A, AIMW-9B, MW-1, MW-2 and MW-3, were sampled to monitor the contamination migrating onto the site from offsite sources. A site plan showing the well locations is included as Plate 1. This report also includes a discussion of the operation and maintenance activities performed on the AS/SVE systems.

Groundwater Monitoring Procedures

The wells to be sampled were purged of at least three but no more than five casing volumes of water using a low flow submersible pump. Following the removal of each casing volume of water, the parameters turbidity, pH, conductivity, and temperature were measured to determine if equilibrium had been reached. In general, all parameters except for turbidity had stabilized following the removal of three casing volumes of water. Turbidity was noted to exceed 50 nephelometric turbidity units (NTUs) in most of the wells following purging. Therefore, to reduce sample turbidity, the wells were allowed to stand undisturbed for approximately one hour prior to sampling. Well purging data were recorded on well sampling forms, which are included in Attachment A.

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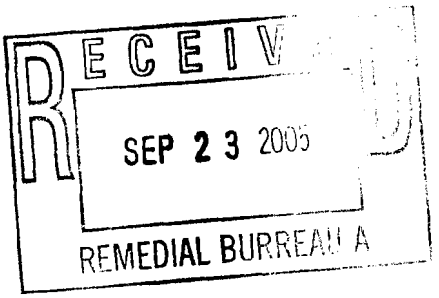

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Groundwater Monitoring Procedures

The wells to be sampled were purged of at least three but no more than five casing volumes of water using a low flow submersible pump. Following the removal of each casing volume of water, the parameters turbidity, pH, conductivity, and temperature were measured to determine if equilibrium had been reached. In general, all parameters except for turbidity had stabilized following the removal of three casing volumes of water. Turbidity was noted to exceed 50 nephelometric turbidity units (NTUs) in most of the wells following purging. Therefore, to reduce sample turbidity, the wells were allowed to stand undisturbed for approximately one hour prior to sampling. Well purging data were recorded on well sampling forms, which are included in Attachment A.

Following purging, each well was sampled using a disposable bailer. The retrieved samples were transferred into laboratory-supplied sample bottles and the filled sample bottles were labeled and placed in a cooler with ice to depress the sample temperature. A chain of custody form was completed and kept with the filled coolers to document the sequence of sample possession. The filled coolers were transmitted via overnight courier to Severn-Trent Laboratories, a New York State Department of Health NELAP-certified laboratory. All samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by NYSDEC ASP methods with Category B deliverables. The laboratory report is included in Attachment B.

Quality Assurance/Quality Control

Several types of quality assurance/quality control (QA/QC) samples were obtained during the groundwater sampling. One equipment blank sample was prepared by pouring laboratory-supplied deionized water through the sampling apparatus and capturing the liquid in the appropriate sample bottles. The equipment blank sample was tested for the same parameters as the associated primary environmental samples. The equipment blank sample results were evaluated to determine the potential for either laboratory or field contamination and attest to the quality of the equipment decontamination procedures.

Acetone was detected at a low estimated concentration and methylene chloride was detected and flagged as B-qualified in the equipment blank sample results (AIMW-11E). The B-qualification indicates that this compound was identified in an associated laboratory blank. This compound was detected at similar low concentrations in several of the primary samples and these detections are also B-qualified. Other than these detections, it does not appear that equipment or procedures utilized during sampling activities have affected the laboratory analytical results.

A blind duplicate sample was also collected and was analyzed for the same constituents as the associated parent sample. The results were utilized to evaluate the precision of the laboratory analysis. Blind duplicate sample results are summarized in Table 1 together with the results from the associated parent sample. The results from the blind duplicate sample (MW-12) and associated parent groundwater sample (MW-10A) are very similar and, therefore, the laboratory results are likely to be reasonably precise.

A trip blank sample was submitted with each cooler that contained samples for VOC analysis. The trip blank sample consists of two filled, preserved, and unopened vials of laboratory water which are kept with the unfilled sample bottles and transported to the laboratory with the filled sample bottles in the coolers. The purpose of the trip blank sample is to provide an indication of the potential for cross-contamination of the VOC samples within the coolers. The trip blank sample results (trip blank) are summarized in Table 1. Acetone was detected at a low estimated concentration, and methylene chloride was detected and noted to be B-qualified. The B-qualification indicates that this compound was identified in an associated laboratory blank. These compounds were detected at similar low concentrations in several of the primary samples and should be considered potential lab contaminants. Other than these two analytes, it does not appear that cross- contamination is a concern for the environmental samples.

Matrix spike/matrix spike duplicate (MS/MSD) samples consist of field samples spiked with known concentrations of the analytes of interest for the purpose of assessing the effect of the

matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. One MS/MSD sample was collected during this sampling event. The MS/MSD results are included in the chemical analytical data package in Attachment B. Based on information provided by the analytical laboratory, the MS/MSD results were within QC limits and, therefore, it appears that there are no matrix-related effects associated with the analytical results.

Other laboratory QA/QC samples include method blank samples. The method blank sample results are included in the chemical analytical data package in Attachment B. The results indicate that there were no detected compounds in the laboratory method blank samples with the exception of low estimated concentrations of methylene chloride, acetone and/or toluene. Detections of these compounds are B-qualified in the associated primary samples. Since none of these compounds are targeted at this site, these low-level detections do not appear to have affected the sample results.

Finally, the laboratory also utilized spiked laboratory control samples (LCSs) to evaluate accuracy of the laboratory results. A review of the LCS results included in Attachment B indicates that all of the surrogate compound recoveries were within their allowable recovery limits. Therefore, these results suggest that the laboratory results are accurate for the primary environmental samples.

In summary, based on the results of the QA/QC samples, the chemical analytical data from the groundwater samples collected during this sampling event may generally be relied upon and no significant field or laboratory contamination appears to be present.

Groundwater Monitoring Results

Depth-to-groundwater measurements were recorded at nine shallow-screened monitoring wells and incorporated with measured well top of casing elevations to develop a water table elevation contour map. The water table elevation and total site-specific target VOCs (as specified in the November 2000 GRWP) concentration for each well are shown on Plate 1. The groundwater flow direction is to the south-southwest, which is consistent with previous groundwater flow direction measurements.

The results of the March 2005 sampling, including total site-specific target VOC concentrations and total VOC concentrations, are summarized in Table 2 together with historical sampling results. The chemical analytical laboratory report is included in Attachment B.

Eastern System

VOCs that exceeded the NYSDEC Class GA Ambient Water Quality Standards (Standards) were noted at shallow-screened (0 to 10 feet below the water table) wells MW-2 and AIMW-8A, which are located upgradient of the eastern AS/SVE system. These data indicate that total VOCs at concentrations of up to 60.62 micrograms per liter (ug/l) continue to migrate onsite from offsite sources. It should be noted that the primary VOC noted in the two shallow upgradient wells is trichloroethylene (TCE), which is not a site-related contaminant. No VOCs exceeding NYSDEC Standards were noted at intermediate-level well AIMW-8B, which is also located upgradient of the eastern system.

Exceedances of NYSDEC Standards were noted at shallow-screened wells AIMW-11A and MW-4 located downgradient of the eastern AS/SVE system. It should be noted that one of the two VOCs detected in well MW-4 above NYSDEC Standards is TCE, which is not a site-related contaminant and is migrating onsite from an upgradient source. Tetrachloroethylene (PCE), which is a site-related contaminant, was noted to exceed its NYSDEC Standard in both well MW-4 and well AIMW-11A. The detected VOC concentrations have continued to decrease.

Western System

VOCs were not detected in shallow-screened wells AIMW-9A or MW-3, or intermediate-screened well AIMW-9B situated upgradient of the western AS/SVE system (with the exception of trace concentrations of suspected lab contaminants). These data indicate that no significant concentrations of VOCs are migrating onsite from offsite sources upgradient of the western AS/SVE system.

No VOCs were detected above NYSDEC Standards downgradient of the western AS/SVE system, except for 1,2-dichloroethylene (1,2-DCE), which is not a site-related contaminant. 1,2-DCE was detected at well AIMW-10A at 7.2 ug/l; 1,2-DCE has previously been detected in this well at similar concentrations. One targeted VOC, PCE, was detected at low estimated concentrations in both downgradient shallow screened wells (AIMW-10A and MW-7). Given these low detections, it appears that no significant concentrations of site-related target VOCs are migrating offsite.

Summary

In summary, VOC concentrations have continued to remain low or have decreased in wells situated downgradient of the former source areas. The 648 Main Street former source area (western system) has showed significant declines and significant VOC impacts no longer appear to be present downgradient or upgradient of this system.

VOC concentrations downgradient of the 66 Brooklyn Avenue former source area (eastern system) have also declined, although some site-related VOCs remain present at wells AIMW-11A and MW-4. The eastern system continues to be impacted by an upgradient offsite plume of TCE, which is not a site-related contaminant.

AS System Monitoring

In accordance with the OMMP and the recent NYSDEC approval to take System B (648 Main Street) offline, System A (66 Brooklyn Avenue) is checked on a monthly basis by FPM personnel to ensure proper operation and to perform routine maintenance tasks. In addition, Arkwin personnel perform weekly system checks to ensure system operation and to notify FPM of any system irregularities. The AS/SVE systems were in place and on line in November 2002 and have generally been in continuous operation since that time, with the exception of maintenance and down time for regular moisture removal (especially during the colder months).

Monitoring of the AS systems has been conducted by regularly monitoring air injection flow rates and injection pressures to ensure proper AS system operation, and by measuring the concentration of dissolved oxygen (DO) in monitoring wells within the radius of influence or in close proximity of the AS wells. In March 2005, the DO level for well MW-4 (situated in

proximity to System A) was noted to be 8.21 mg/l. DO levels collected prior to remediation system operation ranged from 7.1 to 7.5 mg/l in this well. DO monitoring was not performed for System B in March 2005 as the AS system was shut down at that time.

SVE System Monitoring

Two sets of effluent samples were collected from System A to evaluate emissions compliance during the first and second quarters of 2005. One sample was collected from System B during the first quarter. No sample was collected from System B in the second quarter as the system was offline. The samples were transmitted to a NELAP-approved laboratory for analysis of VOCs by EPA Method TO14. The laboratory reports are included in Attachment B.

The results are summarized on Table 3 and indicate that effluent total chlorinated VOC concentrations generally decreased throughout this monitoring period in System A (eastern system), from 353 parts per billion per volume (ppbv) in March 2005 to 187 ppbv in June 2005. The decrease in VOC concentrations is consistent with the system's downward trend in mass removal.

Effluent concentrations in System B were noted to be 711 ppbv in March 2005 prior to system shutdown. Groundwater concentrations remained low in the vicinity of the western system during this period.

To ensure compliance with effluent guidelines, FPM previously calculated the various air impacts and compared them to the applicable annual guideline concentration (AGC) and short-term guideline concentration (SGC) for each compound identified as a site concern, as specified in NYSDEC's DAR-1 Guidelines for the Control of Toxic and Ambient Air Contaminants. These calculations were presented in the OMMP prepared in March 2003 and indicated that following startup, slight exceedances were noted, but upon resampling the levels had dropped to below each compound's respective AGC and SGC. The concentrations detected in the March and June 2005 SVE effluent samples remained below the AGCs and SGCs. Based upon compliance with the AGCs and SGCs, no effluent treatment is required at this time. FPM will continue to sample the SVE effluent from System A on a quarterly basis to ensure compliance with the applicable guidelines. System B effluent monitoring will no longer be conducted, in accordance with the NYSDEC approval to take System B offline.

Total VOC Mass Removal Estimate

An estimate of the total pounds of VOCs removed for each SVE system was calculated and indicates that since startup, estimated totals of approximately 356.25 pounds and approximately 383.90 pounds of VOCs have been removed by Systems A and B, respectively, as shown in Table 3. The removed mass of each compound is calculated is as follows:

VOC removed in pounds/day = (flow rate in cfm) (1440 mins/day)
(laboratory VOC concentration in ppb) (1/volume of 1 mole VOC at 35°C)
(total VOC molecular weight in grams/mole) (various unit conversions)

For example, for the VOC tetrachloroethylene, the calculation for June 2005 in System A is as follows:

tetrachloroethylene removed (pounds per day) = (105 ft^3/min) (1440 mins/day) (19 ppb) (1 mole/25.27 liters) (165.83 g/mole) (2.203 pounds/1,000 g) (28.32 l/ft^3) (1/10^9)

tetrachloroethylene removed (pounds per day) = 0.003291 lbs/day = 3.3 * 10^{-3} lbs/day

Once the estimated daily loading rate is computed, it is then multiplied by the number of operating days to yield an estimated total mass removed for the specific compound. Similar calculations are performed for each additional VOC of concern and then a cumulative total is calculated to yield an estimated mass removed, as shown in Table 3.

The data for VOC mass removal rates indicate that the majority of the VOC mass was removed following system startup and that removal rates are decreasing over time, as expected. The total mass of VOCs removed from Systems A and B in the first half of 2005 was only 2.40 pounds and 3.30 pounds, respectively. Figure 1 shows graphically the total VOC mass removed over time for each system.

Summary and Recommendations

Based on the current groundwater chemical analytical data in the vicinity of the 66 Brooklyn Avenue system (System A, Eastern System), groundwater VOC contamination remains present in the shallow groundwater downgradient of the formerly-impacted leaching pools, although the concentrations are decreasing. No impacts are noted in intermediate-level groundwater. Impacted groundwater containing TCE, which is not a site-related VOC, is also migrating onsite in this area from upgradient sources.

Groundwater chemical analytical data in the vicinity and downgradient of the 648 Main Street system (System B, Western System) continues to show non-detect or low estimated concentrations for all site-related targeted compounds. Intermediate-level groundwater remains unimpacted. Shallow groundwater upgradient of the western system no longer contains detectable concentrations of VOCs.

The following recommendations are made for the site:

- Based on the March 2005 chemical analytical results, FPM recommends that the remediation system situated at 648 Main Street (System B, western system) remain offline as the shut-down closure criteria specified in the NYSDEC-approved November 2000 GRWP have been achieved. Bi-annual monitoring will be continued for 2005 to confirm that groundwater quality remains acceptable.

- At this time no changes are recommended for the operation of the 66 Brooklyn Avenue system (System A, Eastern System). System operation and groundwater monitoring will be continued in accordance with the November 2000 GRWP.

Should you have any questions, please do not hesitate to call us at (631) 737-6200.

Very truly yours,

Ben T. Cancemi
Senior Hydrogeologist

Stephanie O. Davis
Department Manager
Senior Hydrogeologist

SOD/BTC:tac
Attachments

cc: Guy Bobersky - NYSDEC
Stephen Holbreich, Esq. – Arkwin Industries
Thomas Molloy – Arkwin Industries
Gary Litwin – NYSDOH (two copies)
Peter A. Scully – NYSDEC Region 1

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TABLE 1
QUALITY ASSURANCE/QUALITY CONTROL SAMPLE RESULTS
ARKWIN INDUSTRIES SITE WESTBURY, NEW YORK

Sample Type	Equipment Blank Sample	Blind Duplicate Sample		Trip Blank
Sample No.	**AIMW-11E**	**AIMW-10A (Primary)**	**MW-12 (Duplicate)**	**Trip Blank**
Sample Date	**3/30/05**	**3/30/05**	**3/30/05**	**3/30/05**
Target Compound List Volatile Organic Compounds in micrograms per liter				
Acetone	6.2 J	ND	ND	6.2 J
Methylene chloride	5.2 B	ND B	ND B	5.7 B
1,2-Dichloroethylene	ND	7.2	6.6	ND
Trichloroethene	ND	1.5 J	1.5 J	ND
Toluene	ND B	0.39 JB	0.36 JB	ND B
Tetrachloroethene	ND	2.9 J	3.1 J	ND

Notes:

Only analytes detected in one or more samples are included in this table.
ND = Not detected at or above instrument detection limit.
J = Estimated concentration less than the quantitation limit but greater than zero.
B = Analyte was detected in an associated blank.

TABLE 2
GROUNDWATER VOLATILE ORGANIC COMPOUND DATA
ARKWIN INDUSTRIES SITE
WESTBURY, NEW YORK

SHALLOW WELLS
(0 to 10 feet below water table)

Well Location	Upgradient Wells																																			NYSDEC Class GA Ambient Water Quality Standards*
Well No.	AIMW-9A							MW-3							MW-2							AIMW-8A							MW-1							
Sample Date	10/98	1/21/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/24/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/21/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	
Volatile Organic Compounds in ug/l																																				
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	5
Carbon Disulfide	NA	NA	ND	ND	ND	ND	ND	NA	NA	7	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	5
1,1-Dichloroethylene**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8 J**	NA	5 J	5 J	4 J	3.3 J	4.4 J	ND	2 J	2 J	3 J	2 J	1.1 J	1.9 J	2 J	ND	0.9 J	ND	ND	ND	ND	5
1,1-Dichloroethane**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 J	NA	**7**	5	7	3.0 J	4.3 J	1 J	5 J	5	**11**	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9 J**	NA	2 J	2 J	1 J	1.5 J	2.3 J	3 J	2 J	ND	ND	ND	ND	**5.8**	ND	ND	ND	ND	ND	ND	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99 J	ND	ND	ND	ND	ND	ND	ND	7
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2 J**	NA	ND	ND	ND	0.91 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane**	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6 J**	NA	**10**	**6**	**10**	2.6 J	3.8 J	4 J	**12**	**9**	**22**	**7**	ND	ND	**7 J**	4 J	3 J	ND	ND	ND	ND	5
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	**120**	NA	**17**	**18**	**11**	**16**	**26**	**39**	**30**	**8**	4 J	4 J	**9.9**	**51**	ND	1 J	ND	0.8 J	1 J	ND	1.2 J	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Tetrachloroethylene**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	NA	1 J	1 J	0.5 J	0.80 J	1.0 J	ND	ND	0.5 J	0.7 J	ND	ND	ND	ND	3 J	2 J	2 JB	2 J	ND	1.4 J	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Methylene Chloride	ND	2 JB	ND B	ND B	ND	ND	ND B	ND	**6 JB**	ND B	ND B	ND	ND	0.51 JB	ND	NA	ND B	ND B	ND	ND	0.46 JB	ND	**13 B**	ND B	ND B	ND	ND	ND B	ND	**13 B**	ND B	ND B	ND	ND	ND B	5
Toluene	ND	ND	ND	ND	ND	ND	ND B	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	0.93 J	ND	ND	ND	ND	ND	ND	ND	5
Total Volatile Organic Compounds	2	ND	ND	ND	ND	ND	ND	ND	ND	8.7	ND	ND	ND	0.51	148	NA	42	37	33.5	28.11	42.26	47	51	24.5	40.7	16	12.1	60.62	9	8	5.9	2.8	3	ND	2.6	-
Targeted Volatile Organic Compounds	2	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND	17	NA	23	17	21.5	9.7	13.5	5	19	16.5	36.7	12	1.1	1.9	9	7	5.9	2	2	ND	1.4	-

Notes:

Only analytes detected in one or more samples are included in this table.
ND = Not Detected.
NA = Not Available
B = Analyte was detected in associated blank and may result from contamination.
D = Diluted sample result.
J = An estimated value.
ug/l = micrograms per liter
- = No NYSDEC Class GA Ambient Water Quality Standard established.
Bold values exceed the NYSDEC Class GA Ambient Water Quality Standard.
** = Targeted (site specific) compound as specified NYSDEC approverd Groundwater Remediation Work Plan (November 2000 with amendments)

TABLE 2 (CONTINUED)
GROUNDWATER VOLATILE ORGANIC COMPOUND DATA
ARKWIN INDUSTRIES SITE
WESTBURY, NEW YORK

INTERMEDIATE WELLS
(25 to 35 feet below water table)

Well Location	Upgradient Wells														Downgradient Wells														NYSDEC Class GA Ambient Water Quality Standards*
Well No.	AIMW-9B							AIMW-8B							AIMW-10B							AIMW-11B							
Sample Date	10/98	1/21/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/21/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/21/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	
Volatile Organic Compounds in ug/l																													
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethylene**	**20**	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND	ND	5 J	5 J	2 J	5 J	4 J	ND	ND	5
1,1-Dichloroethane**	**8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4 J	**9 J**	2 J	5 J	3 J	ND	ND	5
1,2-Dichloroethylene	ND	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 J	1 J	1 J	ND	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	0.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane**	**180**	**7 J**	ND	ND	ND	1.9 J	ND	1J	ND	ND	ND	ND	ND	ND	ND	1 J	2 J	ND	ND	ND	ND	**17**	**16**	4 J	**7**	4 J	ND	ND	5
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	5 J	2 J	4 J	1 J	2 J	2.6 J	2.5 J	ND	ND	ND	ND	ND	ND	ND	**6 J**	**9 J**	**12**	**11**	**6**	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Tetrachloroethylene**	3 J	ND	ND	ND	ND	ND	ND	ND	1 J	ND	0.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 J	2 J	5 J	4 JB	3 J	ND	ND	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Methylene Chloride	ND	3 JB	ND B	ND B	ND	ND	ND B	ND	2 JB	ND B	ND B	ND	ND	ND B	ND	3 JB	ND B	ND B	ND	ND	ND B	ND	2 JB	ND B	ND B	ND	ND	ND B	5
Toluene	ND	ND	ND	ND	ND	ND	1.0 JB	ND	ND	ND	ND	ND	0.63 J	0.80 J	ND	ND	ND	ND	ND	ND	0.68 JB	ND	ND	ND	ND	ND	ND	4.1 JB	
Total Volatile Organic Compounds	211	9	ND	ND	ND	4	1.0	6	3	5.7	2.5	2	3.23	3.30	3	1	2	ND	ND	ND	0.68	35	41	26	33	21	ND	4.1	-
Targeted Volatile Organic Compounds	211	9	ND	ND	ND	1.9	ND	1	1	ND	0.8	ND	ND	ND	3	1	2	ND	ND	ND	ND	29	32	13	21	14	ND	ND	-

Notes:

Only analytes detected in one or more samples are included in this table.
ND = Not Detected.
NA = Not Available
B = Analyte was detected in associated blank and may result from contamination.
D = Diluted sample result.
J = An estimated value.
ug/l = micrograms per liter
- = No NYSDEC Class GA Ambient Water Quality Standard established.
Bold values exceed the NYSDEC Class GA Ambient Water Quality Standard.
** = Targeted (site specific) compound as specified NYSDEC approverd Groundwater Remediation Work Plan (November 2000 with amendments)

TABLE 2 (CONTINUED)
GROUNDWATER VOLATILE ORGANIC COMPOUND DATA
ARKWIN INDUSTRIES SITE
WESTBURY, NEW YORK

SHALLOW WELLS
(0 to 10 feet below water table)

Well Location	Downgradient Wells																												NYSDEC Class GA Ambient Water Quality Standards*
Well No.	AIMW-10A							MW-7							AIMW-11A							MW-4							
Sample Date	10/98	1/21/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/6/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	10/98	1/22/02	3/4/03	9/25/03	3/24/04	10/13/04	3/30/05	
Volatile Organic Compounds in ug/l																													
Acetone	ND	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	NA	0.7 J	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	5
Carbon Disulfide	ND	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	5
1,1-Dichloroethylene**	**32 DJ**	**28**	**10**	1 J	ND	ND	ND	**54**	4 J	ND	ND	ND	ND	ND	**27**	**15**	**11**	5	8	**19**	4.0 J	**20**	4 J	ND	ND	ND	ND	ND	5
1,1-Dichloroethane**	**59 D**	**73**	**23**	5 J	ND	ND	ND	**180 D**	**6 J**	ND	ND	ND	ND	ND	12	**12**	**16**	5	5	**8.2**	ND	**12**	**18**	**10**	ND	ND	ND	ND	5
1,2-Dichloroethylene	5 J	2 J	**6**	**8**	**19**	2.0 J	**7.2**	**7 J**	ND	ND	ND	ND	ND	3.0 J	ND	**18**	**26**	**27**	**12**	**15**	3.9 J	**13**	**39**	**36**	2 J	3 J	2.3 J	3.0 J	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1,1-Trichloroethane**	ND	**220 D**	**61**	**10**	ND	ND	ND	**560 D**	**30**	ND	ND	ND	ND	ND	**400 D**	**79**	**73**	**13**	**14**	**20**	4.6 J	**200 D**	**86**	**26**	ND	ND	ND	ND	5
Trichloroethylene	**7 J**	**6 J**	4 J	1 J	1 J	ND	1.5 J	**16**	1 J	ND	ND	ND	ND	ND	**17**	**33**	**39**	**24**	**22**	**49**	**9.2**	**24**	**50**	**26**	1 J	1 J	ND	1.2 J	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	**2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Tetrachloroethylene**	**14**	**20**	**12**	3 J	3 J	ND	2.9 J	**45**	5 J	ND	0.8 J	ND	ND	0.98 J	**57**	**80**	**85**	**18 B**	**26**	**47**	**16**	**120**	**92**	**55**	4 J	**22**	**18**	**16**	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Methylene Chloride	ND	**9 JB**	ND B	ND B	ND	ND	ND B	ND	2 JB	ND B	ND B	ND	ND	0.46 JB	ND	**1 JB**	ND B	ND B	ND	ND	ND B	ND	3 JB	ND B	ND B	ND	ND	0.56 JB	5
Toluene	ND	ND	ND	ND	ND	ND	0.39 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 JB	ND	ND	ND	ND	ND	ND	ND	5
Total Volatile Organic Compounds	117	349	116.7	61	23	2	11.99	866	46	ND	0.8	ND	ND	6.54	513	237	250	92	87	158.2	39.0	389	289	153	7	26	20.3	20.76	-
Targeted Volatile Organic Compounds	105	341	106	19	3	ND	2.9	839	45	ND	0.8	ND	ND	0.98	496	186	185	41	53	94.2	24.6	352	200	91	4	22	18.0	16	-

Notes:

Only analytes detected in one or more samples are included in this table.
ND = Not Detected.
NA = Not Available
B = Analyte was detected in associated blank and may result from contamination.
D = Diluted sample result.
J = An estimated value.
ug/l = micrograms per liter
- = No NYSDEC Class GA Ambient Water Quality Standard established.
Bold values exceed the NYSDEC Class GA Ambient Water Quality Standard.
** = Targeted (site specific) compound as specified NYSDEC approverd Groundwater Remediation Work Plan (November 2000 with amendments)

FPM

TABLE 3
SOIL VAPOR EXTRACTION SYSTEMS EFFLUENT CHEMICAL ANALYTICAL DATA
ARKWIN INDUSTRIES SITE
WESTBURY, NEW YORK

SYSTEM A (Eastern System)								
Compound	Flow Rate	Concentration	Daily Loading	Flow Rate	Concentration	Daily Loading	Total Mass Removed First and Second Quarter 2005	Total Mass Removed to Date
	March 30, 2005			June 14, 2005				
	SCFM	ppbv	lbs/day	SCFM	ppbv	lbs/day	lbs	lbs
1,1-dichloroethene	105	ND	0.000000	105	ND	0.000000	0.00	9.77
trans-1,2-dichloroethene	105	ND	0.000000	105	ND	0.000000	0.00	0
1,1-dichloroethane	105	27.0	0.000980	105	11.0	0.000408	0.13	14.96
cis-1,2-dichloroethene	105	56.0	0.002033	105	20.0	0.000726	0.26	31.03
1,1,1-trichloroethane	105	180.0	0.008991	105	100.0	0.004995	1.27	115.28
trichloroethene	105	37.0	0.001820	105	20.0	0.000984	0.25	42.60
tetrachloroethene	105	53.0	0.003291	105	36.0	0.002235	0.50	142.62
	Total VOCs	353.0		Total VOCs	187.0	Totals	2.40	356.25

SYSTEM B (Western System)								
Compound	Flow Rate	Concentration	Daily Loading	Flow Rate	Concentration	Daily Loading	Total Mass Removed First Quarter 2005	Total Mass Removed to Date
	March 30, 2005			June 14, 2005				
	SCFM	ppbv	lbs/day	SCFM	ppbv	lbs/day	lbs	lbs
1,1-dichloroethene	105	13.0	0.000482	0	NS	0.000000	0.05	17.77
1,2-dichloroethene	105	ND	0.000000	0	NS	0.000000	0.00	0.50
1,1-dichloroethane	105	90.0	0.003335	0	NS	0.000000	0.33	24.33
cis-1,2-dichloroethene	105	120.0	0.004356	0	NS	0.000000	0.43	56.88
1,1,1-trichloroethane	105	370.0	0.018483	0	NS	0.000000	1.83	126.08
trichloroethene	105	52.0	0.002558	0	NS	0.000000	0.25	73.23
tetrachloroethene	105	66.0	0.004098	0	NS	0.000000	0.41	85.11
	Total VOCs	711.0		Total VOCs	0.0	Totals	3.30	383.90

Notes:

SCFM = Standard Cubic Feet Per Minute
ppbv = Parts Per Billion Per Volume
lbs = Pounds
lbs/day = Pounds per day
ND = Not Detected
VOCs = Volatile Organic Compounds
NS = Not Sampled

FPM

ATTACHMENT A

WELL SAMPLING DATA FORMS

FPM

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 657-05-06

Location: NCTA

Well No.: MW-7 Well Diameter: 4"

Date: 3/30/05 Start Time:

Weather: SUNNY Finish Time:

Sampled By: BC MS

Depth to Bottom of Well: 61.5 Feet.

Depth to Water: 54.38 Feet.

Height of Water Column: 7.12 Feet.

Water Volume in Casing: 4.63 Gallons.

Water Volume to be Purged: 13.88 Gallons.

Water Volume Actually Purged: 14 Gallons.

Purge Method: DEP

Physical Appearance/Comments:

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	4.5	5.47	294	62.7	204
	9.5	5.50	294	61.2	106
	14	5.36	295	60.0	72

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1415
1430

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652 05-06

Location: NCIA

Well No.: AI MW-10A Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: BC MS

Depth to Bottom of Well: 62.2 Feet.

Depth to Water: 53.0 Feet.

Height of Water Column: 9.2 Feet.

Water Volume in Casing: 1.47 Gallons.

Water Volume to be Purged: 4.42 Gallons.

Water Volume Actually Purged: 4.5 Gallons.

Purge Method: pump

Physical Appearance/Comments: Duplicate MW-~~10~~ 12

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	1.5	5.10	420	61.0	>1000
	3	5.20	419	61.2	>1000
	4.5	5.18	420	59.3	962

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1345
1400 (MW-12)

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKCOM

Project No.: 652-05-06

Location: NCIA

Well No.: AIMW-10B Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: B.C./MS

Depth to Bottom of Well: 90. Feet.

Depth to Water: 52.84 Feet.

Height of Water Column: 37.16 Feet.

Water Volume in Casing: 5.95 Gallons.

Water Volume to be Purged: 17.84 Gallons.

Water Volume Actually Purged: 18 Gallons.

Purge Method: pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	6	5.19	68	61.8	96
	12	5.21	72	60.8	72
	18	5.20	69	61.2	53

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1330

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652-05-06

Location: NUCIA

Well No.: MW-4 Well Diameter: 4"

Date: 3/30/05 Start Time:

Weather: SUNNY Finish Time:

Sampled By: BC MS

Depth to Bottom of Well: 62.5 Feet.

Depth to Water: 54.73 Feet.

Height of Water Column: 7.77 Feet.

Water Volume in Casing: 5.05 Gallons.

Water Volume to be Purged: 15.15 Gallons.

Water Volume Actually Purged: 15.5 Gallons.

DO = 8.21

Purge Method: PUMP

Physical Appearance/Comments:

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	5	5.71	249	63.5	852
	10	5.82	250	62.1	802
	15.5	5.73	249	60.3	630

Sampling and Analytical Methods:

VOC's

Laboratory Name and Location: STL

1315

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652-05-06

Location: NCI4 ARMW-11A

Well No.: ↓ Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: Sunny Finish Time: _____

Sampled By: BC/MS

Depth to Bottom of Well: 63. Feet.

Depth to Water: 53.97 Feet.

Height of Water Column: 9.03 Feet.

Water Volume in Casing: 1.44 Gallons.

Water Volume to be Purged: 4.33 Gallons.

Water Volume Actually Purged: 5 Gallons.

Purge Method: Pump

Physical Appearance/Comments: (MS, MSD)

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	1.5	4.81	470	62.9	>1000
	3	4.86	468	60.1	>1000
	5	4.81	469	60.2	848

Samplingand Analytical Methods: VOCs

Laboratory Name and Location: STL

1300

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKEMA

Project No.: 652-05-06

Location: NCIA

Well No.: AIMW-11B Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: Sunny Finish Time: _____

Sampled By: BC/MS

Depth to Bottom of Well: 89.00 Feet.

Depth to Water: 53.70 Feet.

Height of Water Column: 35.3 Feet.

Water Volume in Casing: 5.65 Gallons.

Water Volume to be Purged: 16.94 Gallons.

Water Volume Actually Purged: 17 Gallons.

Purge Method: pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	6.5	5.10	163	63.3	482
	13	5.17	182	60.1	233
	17	5.06	183	60.4	96

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1245

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652-05-06

Location: NOIA

Well No.: MW-3 Well Diameter: 4"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: BG MS.

Depth to Bottom of Well: 61.3 Feet.

Depth to Water: 54.92 Feet.

Height of Water Column: 6.38 Feet.

Water Volume in Casing: 4.15 Gallons.

Water Volume to be Purged: 12.4 Gallons.

Water Volume Actually Purged: 125 Gallons.

Purge Method: pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	4	5.94	488	61.0	515
	8	5.92	486	60.5	262
	12.5	5.90	486	60.7	104

Samplingand Analytical Methods:
VOCs

Laboratory Name and Location: STL

1230

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652-05-06

Location: NCIN

Well No.: AIMW-9A Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: BC MS

Depth to Bottom of Well: 62.7 Feet.

Depth to Water: 54.80 Feet.

Height of Water Column: 7.9 Feet.

Water Volume in Casing: 1.26 Gallons.

Water Volume to be Purged: 3.79 Gallons.

Water Volume Actually Purged: 4 Gallons.

Purge Method: PUMP

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	1.5	4.89	113	53.8	>1000
	3	4.92	115	57.4	838
	4	4.87	115	58.1	642

Samplingand Analytical Methods: VOC

Laboratory Name and Location: STL

1200

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: G52-05-06

Location: NCIA

Well No.: AIMW-5B Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: BC/MS

Depth to Bottom of Well: 89.61 Feet.

Depth to Water: 54.90 Feet.

Height of Water Column: 34.71 Feet.

Water Volume in Casing: 5.55 Gallons.

Water Volume to be Purged: 16.65 Gallons.

Water Volume Actually Purged: 17 Gallons.

Purge Method: Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	5.5	5.36	195	58.1	71000
	11	5.28	192	57.4	718
	17	5.31	208	57.9	242

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1215

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKWIN

Project No.: 652-05-06

Location: NCIA

Well No.: MW-1 Well Diameter: 4"

Date: 3/30/05 Start Time: _____

Weather: Sunny Finish Time: _____

Sampled By: BC MS

Depth to Bottom of Well: 61 Feet.

Depth to Water: 54.55 Feet.

Height of Water Column: 6.45 Feet.

Water Volume in Casing: 4.19 Gallons.

Water Volume to be Purged: 12.58 Gallons.

Water Volume Actually Purged: 18 Gallons.

Purge Method: pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	4.5	5.32	489	61.5	802
	9	5.24	488	60.9	659
	13	5.24	489	62.4	186

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1145

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: AR ECWIN

Project No.: GSJ-05-06

Location: NCIA

Well No.: MW-2 Well Diameter: 4"

Date: 3/30/05 Start Time:

Weather: SUNNY Finish Time:

Sampled By: BC MS

Depth to Bottom of Well: 62 Feet.

Depth to Water: 55.34 Feet.

Height of Water Column: 6.66 Feet.

Water Volume in Casing: 4.33 Gallons.

Water Volume to be Purged: 13.0 Gallons.

Water Volume Actually Purged: 13 Gallons.

Purge Method: pump

Physical Appearance/Comments:

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	4.5	5.12	178	59.4	71000
	9	5.14	181	58.7	830
	13	5.21	179	59.C	372

Samplingand Analytical Methods: DOCS

Laboratory Name and Location: ~~DOC~~ STL

1130

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKwin

Project No.: GS2-05-06

Location: NCIA

Well No.: ARMW 8A Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: Sunny Finish Time: _____

Sampled By: BC MS

Depth to Bottom of Well: 69.4 Feet.

Depth to Water: 54.57 Feet.

Height of Water Column: 14.83 Feet.

Water Volume in Casing: 2.37 Gallons.

Water Volume to be Purged: 7.12 Gallons.

Water Volume Actually Purged: 7.25 Gallons.

Purge Method: Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	2.5	5.28	138	61.3	71000
	5	5.37	131	60.4	786
	7.25	5.41	131	59.6	208

Samplingand Analytical Methods: VOC's

Laboratory Name and Location: STL

1115

FPM group
Engineering and Environmental Science

WELL SAMPLING DATA FORM

Client: ARKEMA

Project No.: GSJ-05-06

Location: NCIA

Well No.: AIMW-8B Well Diameter: 2"

Date: 3/30/05 Start Time: _____

Weather: SUNNY Finish Time: _____

Sampled By: M.S. B.C

Depth to Bottom of Well: 90.1 Feet.

Depth to Water: 54.72 Feet.

Height of Water Column: 35.38 Feet.

Water Volume in Casing: 5.66 Gallons.

Water Volume to be Purged: 16.98 Gallons.

Water Volume Actually Purged: 17 Gallons.

Purge Method: pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS

Time	Volume (gal)	pH	Conductivity (uS)	Temperature (°F)	Turbidity (FTU)
	5.5	5.06	239	60.7	>1000
	12	5.18	239	59.2	831
	17	5.11	244	59.8	584

Samplingand Analytical Methods: VOCs

Laboratory Name and Location: STL

1100

ATTACHMENT B

LABORATORY CHEMICAL ANALYTICAL REPORTS

FPM

ANALYTICAL REPORT

JOB NUMBER: 209161

Prepared For:

FANNING, PHILLIPS AND MOLNAR
909 Marconi Avenue
Ronkonkoma, NY 11779

Project: ARKWIN INDUSTRIES

Attention: Ben Cancemi

Date: 04/13/2005

Jill M. Pfister
Signature

04/14/05
Date

Name: Jill M. Pfister

Title: Project Manager

E-Mail: jpfister@stl-inc.com

STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

This Report Contains (269) Pages

SEVERN TRENT STL

STL Report : 209161
FANNING, PHILLIPS AND MOLNAR

Case Narrative

Sample Receipt – All samples were received in good condition and at the proper temperature.

Volatile Organics – Volatile organics were determined by purge and trap GC/MS using guidance provided in Method 5030B/8260B.

The spike compound percent recoveries were within the laboratory generated guidelines in the independent source quality control samples.

Sample Calculation:

Sample ID-MW-1
Compound- Trichloroethene

$$\frac{(8243 \text{ area})(125\text{ng})(1)}{(312339 \text{ area})(.529 \text{ area/ng})(5\text{ml})} = 1.24 = 1.2 \text{ ug/L.}$$

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative.

SAMPLE INFORMATION
Date: 04/13/2005

Job Number.: 209161
Customer...: FANNING, PHILLIPS AND MOLNAR
Attn.....: Ben Cancemi

Project Number.....: 20000435
Customer Project ID....: ARKWIN INDUSTRIES
Project Description....: Arkwin Industries

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
209161-1	MW-1	Groundwater	03/30/2005	11:45	03/31/2005	09:30
209161-2	MW-2	Groundwater	03/30/2005	11:30	03/31/2005	09:30
209161-3	MW-3	Groundwater	03/30/2005	12:30	03/31/2005	09:30
209161-4	MW-4	Groundwater	03/30/2005	13:15	03/31/2005	09:30
209161-5	MW-7	Groundwater	03/30/2005	14:15	03/31/2005	09:30
209161-6	A1MW-8A	Groundwater	03/30/2005	11:15	03/31/2005	09:30
209161-7	A1MW-8B	Groundwater	03/30/2005	11:00	03/31/2005	09:30
209161-8	A1MW-9A	Groundwater	03/30/2005	12:00	03/31/2005	09:30
209161-9	A1MW-9B	Groundwater	03/30/2005	12:15	03/31/2005	09:30
209161-10	A1MW-10A	Groundwater	03/30/2005	13:45	03/31/2005	09:30
209161-11	A1MW-10B	Groundwater	03/30/2005	13:30	03/31/2005	09:30
209161-12	A1MW-11A	Groundwater	03/30/2005	13:00	03/31/2005	09:30
209161-13	MW-12	Groundwater	03/30/2005	14:00	03/31/2005	09:30
209161-14	A1MW-11B	Groundwater	03/30/2005	12:45	03/31/2005	09:30
209161-15	A1MW-11E	Groundwater	03/30/2005	14:30	03/31/2005	09:30
209161-16	TRIP BLANK	Groundwater	03/30/2005	00:00	03/31/2005	09:30

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-1
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-1
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0447	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0447	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Trichloroethene	1.2	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0447	pam
	Toluene	ND	U		0.30	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Tetrachloroethene	1.4	J		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0447	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-1
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-1
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0447	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0447	pam

P0000000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-2
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-2
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,1-Dichloroethene	4.4	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0511	pam
	Methylene chloride	0.46	J	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,1-Dichloroethane	4.3	J		0.60	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	cis-1,2-Dichloroethene	2.3	J		0.60	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0511	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,1,1-Trichloroethane	3.8	J		0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Trichloroethene	26			0.70	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0511	pam
	Toluene	ND	U		0.30	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Tetrachloroethene	1.0	J		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0511	pam

* In Description = Dry Wgt.

Job Number: 209161

LABORATORY TEST RESULTS

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-2
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-2
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0511	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0511	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-3
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-3
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0535	pam
	Methylene chloride	0.51	J	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0535	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0535	pam
	Toluene	ND	U		0.30	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0535	pam

2000000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-3
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-3
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0535	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0535	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR

PROJECT: ARKWIN INDUSTRIES

ATTN: Ben Cancemi

Customer Sample ID: MW-4
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-4
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0559	pam
	Methylene chloride	0.56	J	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	cis-1,2-Dichloroethene	3.0	J		0.60	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0559	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Trichloroethene	1.2	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0559	pam
	Toluene	ND	U		0.30	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Tetrachloroethene	16			0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0559	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-4
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-4
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0559	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0559	pam

0700010

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-7
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-5
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Acetone	2.1	J		1.4	10	1.00000	ug/L	47064		04/10/05 0623	pam
	Methylene chloride	0.46	J	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	cis-1,2-Dichloroethene	3.0	J		0.60	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0623	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0623	pam
	Toluene	ND	U		0.30	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Tetrachloroethene	0.98	J		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0623	pam

0000147

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-7
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-5
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0623	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0623	pam

2100000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-8A
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-6
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,1-Dichloroethene	1.9	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0647	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	cis-1,2-Dichloroethene	5.8			0.60	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0647	pam
	Chloroform	0.99	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Trichloroethene	51			0.70	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0647	pam
	Toluene	0.93	J		0.30	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0647	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-8A
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-6
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0647	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0647	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-8B
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-7
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47064		04/10/05 0711	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47064		04/10/05 0711	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Trichloroethene	2.5	J		0.70	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47064		04/10/05 0711	pam
	Toluene	0.80	J		0.30	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47064		04/10/05 0711	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-8B
Date Sampled.....: 03/30/2005
Time Sampled.....: 11:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-7
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47064		04/10/05 0711	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47064		04/10/05 0711	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-9A
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-8
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1806	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1806	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1806	pam
	Toluene	ND	U	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1806	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-9A
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-8
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1806	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1806	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-9B
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-9
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1830	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1830	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1830	pam
	Toluene	1.0	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1830	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-9B
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:15
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-9
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1830	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1830	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-10A
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-10
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1854	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	cis-1,2-Dichloroethene	7.2			0.60	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1854	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Trichloroethene	1.5	J		0.70	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1854	pam
	Toluene	0.39	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Tetrachloroethene	2.9	J		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1854	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-10A
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-10
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1854	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1854	pam

0000022

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-10B
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-11
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1918	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1918	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1918	pam
	Toluene	0.68	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1918	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR

PROJECT: ARKWIN INDUSTRIES

ATTN: Ben Cancemi

Customer Sample ID: A1MW-10B
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-11
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1918	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1918	pam

4200000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11A
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-12
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,1-Dichloroethene	4.0	J		0.70	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1606	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	cis-1,2-Dichloroethene	3.9	J		0.60	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1606	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,1,1-Trichloroethane	4.6	J		0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Trichloroethene	9.2			0.70	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1606	pam
	Toluene	1.3	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Tetrachloroethene	16			0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1606	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11A
Date Sampled.....: 03/30/2005
Time Sampled.....: 13:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-12
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1606	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1606	pam

9200000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-12
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-13
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 1942	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	cis-1,2-Dichloroethene	6.6			0.60	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1942	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Trichloroethene	1.5	J		0.70	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1942	pam
	Toluene	0.36	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Tetrachloroethene	3.1	J		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1942	pam

Z000007

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: MW-12
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-13
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1942	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1942	pam

0200025

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11B
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-14
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Acetone	ND	U		1.4	10	1.00000	ug/L	47065		04/11/05 2006	pam
	Methylene chloride	ND	U	B	0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 2006	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 2006	pam
	Toluene	4.1	J	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 2006	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11B
Date Sampled.....: 03/30/2005
Time Sampled.....: 12:45
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-14
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2006	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2006	pam

0000030

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11E
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-15
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Acetone	6.2	J		1.4	10	1.00000	ug/L	47065		04/11/05 2030	pam
	Methylene chloride	5.2		B	0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 2030	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 2030	pam
	Toluene	ND	U	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 2030	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: A1MW-11E
Date Sampled.....: 03/30/2005
Time Sampled.....: 14:30
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-15
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 2030	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 2030	pam

2300000

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: TRIP BLANK
Date Sampled.....: 03/30/2005
Time Sampled.....: 00:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-16
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics (5mL Purge)											
	Chloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Vinyl chloride	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Bromomethane	ND	U		1.2	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Chloroethane	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,1-Dichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Carbon disulfide	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Acetone	6.2	J		1.4	10	1.00000	ug/L	47065		04/11/05 1541	pam
	Methylene chloride	5.7		B	0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	trans-1,2-Dichloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,1-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Vinyl acetate	ND	U		0.20	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	cis-1,2-Dichloroethene	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	2-Butanone (MEK)	ND	U	B	1.2	10	1.00000	ug/L	47065		04/11/05 1541	pam
	Chloroform	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,1,1-Trichloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Carbon tetrachloride	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Benzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,2-Dichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Trichloroethene	ND	U		0.70	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,2-Dichloropropane	ND	U		0.90	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Bromodichloromethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	cis-1,3-Dichloropropene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	4-Methyl-2-pentanone (MIBK)	ND	U		0.70	10	1.00000	ug/L	47065		04/11/05 1541	pam
	Toluene	ND	U	B	0.30	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	trans-1,3-Dichloropropene	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,1,2-Trichloroethane	ND	U		0.60	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Tetrachloroethene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	2-Hexanone	ND	U		0.80	10	1.00000	ug/L	47065		04/11/05 1541	pam

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 209161

Date:04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR | PROJECT: ARKWIN INDUSTRIES | ATTN: Ben Cancemi

Customer Sample ID: TRIP BLANK
Date Sampled.....: 03/30/2005
Time Sampled.....: 00:00
Sample Matrix.....: Groundwater

Laboratory Sample ID: 209161-16
Date Received.....: 03/31/2005
Time Received.....: 09:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dibromochloromethane	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Chlorobenzene	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Ethylbenzene	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Styrene	ND	U		0.50	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Bromoform	ND	U		0.80	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	1,1,2,2-Tetrachloroethane	ND	U		0.40	5.0	1.00000	ug/L	47065		04/11/05 1541	pam
	Xylenes (total)	ND	U		1.0	5.0	1.00000	ug/L	47065		04/11/05 1541	pam

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 209161 — Date: 04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR — PROJECT: ARKWIN INDUSTRIES — ATTN: Ben Cancemi

Lab ID: 209161-1 Client ID: MW-1 — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0447	1.00000

Lab ID: 209161-2 Client ID: MW-2 — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0511	1.00000

Lab ID: 209161-3 Client ID: MW-3 — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0535	1.00000

Lab ID: 209161-4 Client ID: MW-4 — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0559	1.00000

Lab ID: 209161-5 Client ID: MW-7 — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0623	1.00000

Lab ID: 209161-6 Client ID: A1MW-8A — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0647	1.00000

Lab ID: 209161-7 Client ID: A1MW-8B — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	46982			
8260B	Volatile Organics (5mL Purge)	1	47064	46982	04/10/2005 0711	1.00000

Lab ID: 209161-8 Client ID: A1MW-9A — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	47060			
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005 1806	1.00000

Lab ID: 209161-9 Client ID: A1MW-9B — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	47060			
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005 1830	1.00000

Lab ID: 209161-10 Client ID: A1MW-10A — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	47060			
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005 1854	1.00000

Lab ID: 209161-11 Client ID: A1MW-10B — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	47060			
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005 1918	1.00000

Lab ID: 209161-12 Client ID: A1MW-11A — Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
5030A	5030 5 mL Purge Prep	1	47060			

L A B O R A T O R Y C H R O N I C L E

Job Number: 209161 Date: 04/13/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

Lab ID: 209161-12 Client ID: A1MW-11A Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005	1606	1.00000

Lab ID: 209161-13 Client ID: MW-12 Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	47060				
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005	1942	1.00000

Lab ID: 209161-14 Client ID: A1MW-11B Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	47060				
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005	2006	1.00000

Lab ID: 209161-15 Client ID: A1MW-11E Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	47060				
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005	2030	1.00000

Lab ID: 209161-16 Client ID: TRIP BLANK Date Recvd: 03/31/2005 Sample Date: 03/30/2005

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
5030A	5030 5 mL Purge Prep	1	47060				
8260B	Volatile Organics (5mL Purge)	1	47065	47060	04/11/2005	1541	1.00000

SURROGATE RECOVERIES REPORT

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

Method.....: Volatile Organics (5mL Purge) Method Code...: 8260.5 Prep Batch....: 46982
Batch(s).....: 47064 Test Matrix...: Water Equipment Code: MSL

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-46982-2			04/09/2005	95	81	101	82
MB-46982-1			04/09/2005	96	80	95	84
209161- 1		MW-1	04/10/2005	88	73	89	79
209161- 2		MW-2	04/10/2005	93	75	96	82
209161- 3		MW-3	04/10/2005	92	77	94	81
209161- 4		MW-4	04/10/2005	95	75	100	78
209161- 5		MW-7	04/10/2005	90	72	96	79
209161- 6		A1MW-8A	04/10/2005	88	78	94	79
209161- 7		A1MW-8B	04/10/2005	90	73	93	78

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	70 - 130
BRFLBE	4-Bromofluorobenzene (surr)	70 - 130
DBRFLM	Dibromofluoromethane (surr)	70 - 130
TOLD8	Toluene-d8 (surr)	70 - 130

Method.....: Volatile Organics (5mL Purge) Method Code...: 8260.5 Prep Batch....: 47060
Batch(s).....: 47065 Test Matrix...: Water Equipment Code: MSL

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS-47060-2			04/11/2005	72	96	74	88
MB-47060-1			04/11/2005	76	96	80	95
209161- 8		A1MW-9A	04/11/2005	77	103	76	95
209161- 9		A1MW-9B	04/11/2005	73	105	79	93
209161- 10		A1MW-10A	04/11/2005	75	111	77	96
209161- 11		A1MW-10B	04/11/2005	79	108	82	100
209161- 12		A1MW-11A	04/11/2005	76	104	76	97
209161- 12	MS	A1MW-11A	04/11/2005	75	97	81	95
209161- 12	MSB	A1MW-11A	04/11/2005	74	104	78	99
209161- 12	MSD	A1MW-11A	04/11/2005	74	100	71	93
209161- 13		MW-12	04/11/2005	76	108	75	95
209161- 14		A1MW-11B	04/11/2005	78	107	79	105
209161- 15		A1MW-11E	04/11/2005	70	102	75	93
209161- 16		TRIP BLANK	04/11/2005	77	104	80	93

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	70 - 130
BRFLBE	4-Bromofluorobenzene (surr)	70 - 130
DBRFLM	Dibromofluoromethane (surr)	70 - 130
TOLD8	Toluene-d8 (surr)	70 - 130

QUALITY CONTROL RESULTS

Job Number.: 209161 — Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR — PROJECT: ARKWIN INDUSTRIES — ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8260B — Equipment Code....: MSL — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 47065

MS	Matrix Spike	V05WRK003	209161-12		04/11/2005	2054

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	45.780		50.000	0.500	U 92		43-134	
Vinyl chloride	ug/L	49.325		50.000	0.800	U 99		51-139	
Bromomethane	ug/L	41.660		50.000	1.200	U 83		27-171	
Chloroethane	ug/L	44.524		50.000	0.800	U 89		53-167	
1,1-Dichloroethene	ug/L	50.516		50.000	3.959	J 93		57-137	
Carbon disulfide	ug/L	45.611		50.000	0.900	U 91		44-142	
Acetone	ug/L	37.670		50.000	1.400	U 75		18-263	
Methylene chloride	ug/L	41.332		50.000	0.400	U 83		61-129	
trans-1,2-Dichloroethene	ug/L	43.915		50.000	0.500	U 88		57-129	
1,1-Dichloroethane	ug/L	45.628		50.000	0.600	U 91		67-121	
cis-1,2-Dichloroethene	ug/L	48.343		50.000	3.886	J 89		65-120	
2-Butanone (MEK)	ug/L	43.544		50.000	1.200	U 87		30-222	
Chloroform	ug/L	43.142		50.000	0.700	U 86		70-124	
1,1,1-Trichloroethane	ug/L	49.022		50.000	4.616	J 89		60-128	
Carbon tetrachloride	ug/L	41.473		50.000	1.000	U 83		56-131	
Benzene	ug/L	42.829		50.000	0.400	U 86		68-126	
1,2-Dichloroethane	ug/L	44.991		50.000	0.600	U 90		68-124	
Trichloroethene	ug/L	53.098		50.000	9.169	88		58-125	
1,2-Dichloropropane	ug/L	46.126		50.000	0.900	U 92		69-122	
Bromodichloromethane	ug/L	43.669		50.000	0.400	U 87		67-118	
cis-1,3-Dichloropropene	ug/L	43.244		50.000	0.500	U 86		60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	54.351		50.000	0.700	U 109		61-140	
Toluene	ug/L	51.370		50.000	1.305	J 100		70-116	
trans-1,3-Dichloropropene	ug/L	43.131		50.000	0.800	U 86		55-126	
1,1,2-Trichloroethane	ug/L	43.490		50.000	0.600	U 87		70-119	
Tetrachloroethene	ug/L	65.330		50.000	15.635	99		62-118	
2-Hexanone	ug/L	54.626		50.000	0.800	U 109		54-179	
Dibromochloromethane	ug/L	52.458		50.000	0.500	U 105		65-114	
Chlorobenzene	ug/L	50.710		50.000	0.400	U 101		71-114	
Ethylbenzene	ug/L	49.790		50.000	1.000	U 100		71-115	
Styrene	ug/L	50.212		50.000	0.500	U 100		69-112	
Bromoform	ug/L	51.198		50.000	0.800	U 102		63-115	
1,1,2,2-Tetrachloroethane	ug/L	55.469		50.000	0.400	U 111		66-129	
Xylenes (total)	ug/L	153.177		150.000	1.000	U 102		66-118	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 — Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR — PROJECT: ARKWIN INDUSTRIES — ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	V05DWRK003	209161-12		04/11/2005	2118

Test Method.....: 8260B — Equipment Code....: MSL — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 47065

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Chloromethane	ug/L	46.522	45.780	50.000	0.500	U	93	2	43-134	20
Vinyl chloride	ug/L	48.585	49.325	50.000	0.800	U	97	2	51-139	20
Bromomethane	ug/L	43.731	41.660	50.000	1.200	U	87	5	27-171	20
Chloroethane	ug/L	45.406	44.524	50.000	0.800	U	91	2	53-167	20
1,1-Dichloroethene	ug/L	49.759	50.516	50.000	3.959	J	92	2	57-137	20
Carbon disulfide	ug/L	44.561	45.611	50.000	0.900	U	89	2	44-142	20
Acetone	ug/L	37.624	37.670	50.000	1.400	U	75	0	18-263	20
Methylene chloride	ug/L	40.249	41.332	50.000	0.400	U	80	3	61-129	20
trans-1,2-Dichloroethene	ug/L	44.868	43.915	50.000	0.500	U	90	2	57-129	20
1,1-Dichloroethane	ug/L	44.729	45.628	50.000	0.600	U	89	2	67-121	20
cis-1,2-Dichloroethene	ug/L	47.788	48.343	50.000	3.886	J	88	1	65-120	20
2-Butanone (MEK)	ug/L	40.100	43.544	50.000	1.200	U	80	8	30-222	20
Chloroform	ug/L	41.722	43.142	50.000	0.700	U	83	3	70-124	20
1,1,1-Trichloroethane	ug/L	48.974	49.022	50.000	4.616	J	89	0	60-128	20
Carbon tetrachloride	ug/L	42.806	41.473	50.000	1.000	U	86	3	56-131	20
Benzene	ug/L	42.068	42.829	50.000	0.400	U	84	2	68-126	20
1,2-Dichloroethane	ug/L	42.959	44.991	50.000	0.600	U	86	5	68-124	20
Trichloroethene	ug/L	52.103	53.098	50.000	9.169		86	2	58-125	20
1,2-Dichloropropane	ug/L	42.488	46.126	50.000	0.900	U	85	8	69-122	20
Bromodichloromethane	ug/L	41.327	43.669	50.000	0.400	U	83	6	67-118	20
cis-1,3-Dichloropropene	ug/L	41.216	43.244	50.000	0.500	U	82	5	60-122	20
4-Methyl-2-pentanone (MIBK)	ug/L	54.400	54.351	50.000	0.700	U	109	0	61-140	20
Toluene	ug/L	52.397	51.370	50.000	1.305	J	102	2	70-116	20
trans-1,3-Dichloropropene	ug/L	41.702	43.131	50.000	0.800	U	83	3	55-126	20
1,1,2-Trichloroethane	ug/L	43.741	43.490	50.000	0.600	U	87	1	70-119	20

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	WD5DWRK003	209161-12		04/11/2005	2118

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Tetrachloroethene	ug/L	64.186	65.330	50.000	15.635		97 2		62-118 20	
2-Hexanone	ug/L	55.838	54.626	50.000	0.800	U	112 2		54-179 20	
Dibromochloromethane	ug/L	53.084	52.458	50.000	0.500	U	106 1		65-114 20	
Chlorobenzene	ug/L	50.681	50.710	50.000	0.400	U	101 0		71-114 20	
Ethylbenzene	ug/L	51.538	49.790	50.000	1.000	U	103 3		71-115 20	
Styrene	ug/L	51.154	50.212	50.000	0.500	U	102 2		69-112 20	
Bromoform	ug/L	52.159	51.198	50.000	0.800	U	104 2		63-115 20	
1,1,2,2-Tetrachloroethane	ug/L	55.576	55.469	50.000	0.400	U	111 0		66-129 20	
Xylenes (total)	ug/L	152.662	153.177	150.000	1.000	U	102 0		66-118 20	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSB	Matrix Spike Blank	V05DWRK003	209161-12		04/11/2005	2142

Test Method.....: 8260B Equipment Code....: MSL Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 47065

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	48.421		50.000	0.500 U	97		43-134	
Vinyl chloride	ug/L	52.483		50.000	0.800 U	105		51-139	
Bromomethane	ug/L	43.910		50.000	1.200 U	88		27-171	
Chloroethane	ug/L	49.148		50.000	0.800 U	98		53-167	
1,1-Dichloroethene	ug/L	49.559		50.000	0.700 U	99		57-137	
Carbon disulfide	ug/L	47.117		50.000	0.900 U	94		44-142	
Acetone	ug/L	36.878		50.000	1.400 U	74		18-263	
Methylene chloride	ug/L	45.120		50.000	0.971 J	88		61-129	
trans-1,2-Dichloroethene	ug/L	46.269		50.000	0.500 U	93		57-129	
1,1-Dichloroethane	ug/L	46.392		50.000	0.600 U	93		67-121	
cis-1,2-Dichloroethene	ug/L	45.596		50.000	0.600 U	91		65-120	
2-Butanone (MEK)	ug/L	41.472		50.000	2.218 J	79		30-222	
Chloroform	ug/L	45.764		50.000	0.700 U	92		70-124	
1,1,1-Trichloroethane	ug/L	45.215		50.000	0.400 U	90		60-128	
Carbon tetrachloride	ug/L	51.977		50.000	1.000 U	104		56-131	
Benzene	ug/L	45.046		50.000	0.400 U	90		68-126	
1,2-Dichloroethane	ug/L	45.305		50.000	0.600 U	91		68-124	
Trichloroethene	ug/L	46.497		50.000	0.700 U	93		58-125	
1,2-Dichloropropane	ug/L	44.437		50.000	0.900 U	89		69-122	
Bromodichloromethane	ug/L	45.275		50.000	0.400 U	91		67-118	
cis-1,3-Dichloropropene	ug/L	44.654		50.000	0.500 U	89		60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	53.790		50.000	0.700 U	108		61-140	
Toluene	ug/L	54.256		50.000	0.316 J	108		70-116	
trans-1,3-Dichloropropene	ug/L	44.862		50.000	0.800 U	90		55-126	
1,1,2-Trichloroethane	ug/L	45.833		50.000	0.600 U	92		70-119	
Tetrachloroethene	ug/L	53.055		50.000	0.500 U	106		62-118	
2-Hexanone	ug/L	54.779		50.000	0.800 U	110		54-179	
Dibromochloromethane	ug/L	54.644		50.000	0.500 U	109		65-114	
Chlorobenzene	ug/L	54.193		50.000	0.400 U	108		71-114	
Ethylbenzene	ug/L	55.155		50.000	1.000 U	110		71-115	
Styrene	ug/L	54.119		50.000	0.500 U	108		69-112	
Bromoform	ug/L	53.437		50.000	0.800 U	107		63-115	
1,1,2,2-Tetrachloroethane	ug/L	58.476		50.000	0.400 U	117		66-129	
Xylenes (total)	ug/L	164.841		150.000	1.000 U	110		66-118	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		47060 -001		04/11/2005	1328

Test Method.....: 8260B Equipment Code....: MSL Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 47065

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	0.500	U							
Vinyl chloride	ug/L	0.800	U							
Bromomethane	ug/L	1.200	U							
Chloroethane	ug/L	0.800	U							
1,1-Dichloroethene	ug/L	0.700	U							
Carbon disulfide	ug/L	0.900	U							
Acetone	ug/L	1.400	U							
Methylene chloride	ug/L	0.971	J							B
trans-1,2-Dichloroethene	ug/L	0.500	U							
1,1-Dichloroethane	ug/L	0.600	U							
Vinyl acetate	ug/L	0.200	U							
cis-1,2-Dichloroethene	ug/L	0.600	U							
2-Butanone (MEK)	ug/L	2.218	J							B
Chloroform	ug/L	0.700	U							
1,1,1-Trichloroethane	ug/L	0.400	U							
Carbon tetrachloride	ug/L	1.000	U							
Benzene	ug/L	0.400	U							
1,2-Dichloroethane	ug/L	0.600	U							
Trichloroethene	ug/L	0.700	U							
1,2-Dichloropropane	ug/L	0.900	U							
Bromodichloromethane	ug/L	0.400	U							
cis-1,3-Dichloropropene	ug/L	0.500	U							
4-Methyl-2-pentanone (MIBK)	ug/L	0.700	U							
Toluene	ug/L	0.316	J							B
trans-1,3-Dichloropropene	ug/L	0.800	U							
1,1,2-Trichloroethane	ug/L	0.600	U							
Tetrachloroethene	ug/L	0.500	U							
2-Hexanone	ug/L	0.800	U							
Dibromochloromethane	ug/L	0.500	U							
Chlorobenzene	ug/L	0.400	U							
Ethylbenzene	ug/L	1.000	U							
Styrene	ug/L	0.500	U							
Bromoform	ug/L	0.800	U							
1,1,2,2-Tetrachloroethane	ug/L	0.400	U							
Xylenes (total)	ug/L	1.000	U							

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		46982 -001		04/09/2005	2210

Test Method.....: 8260B Equipment Code....: MSL Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 47064

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	0.500	U							
Vinyl chloride	ug/L	0.800	U							
Bromomethane	ug/L	1.200	U							
Chloroethane	ug/L	0.800	U							
1,1-Dichloroethene	ug/L	0.700	U							
Carbon disulfide	ug/L	0.900	U							
Acetone	ug/L	1.400	U							
Methylene chloride	ug/L	1.015	J							B
trans-1,2-Dichloroethene	ug/L	0.500	U							
1,1-Dichloroethane	ug/L	0.600	U							
Vinyl acetate	ug/L	0.200	U							
cis-1,2-Dichloroethene	ug/L	0.600	U							
2-Butanone (MEK)	ug/L	2.505	J							B
Chloroform	ug/L	0.700	U							
1,1,1-Trichloroethane	ug/L	0.400	U							
Carbon tetrachloride	ug/L	1.000	U							
Benzene	ug/L	0.400	U							
1,2-Dichloroethane	ug/L	0.600	U							
Trichloroethene	ug/L	0.700	U							
1,2-Dichloropropane	ug/L	0.900	U							
Bromodichloromethane	ug/L	0.400	U							
cis-1,3-Dichloropropene	ug/L	0.500	U							
4-Methyl-2-pentanone (MIBK)	ug/L	0.700	U							
Toluene	ug/L	0.300	U							
trans-1,3-Dichloropropene	ug/L	0.800	U							
1,1,2-Trichloroethane	ug/L	0.600	U							
Tetrachloroethene	ug/L	0.500	U							
2-Hexanone	ug/L	0.800	U							
Dibromochloromethane	ug/L	0.500	U							
Chlorobenzene	ug/L	0.400	U							
Ethylbenzene	ug/L	1.000	U							
Styrene	ug/L	0.500	U							
Bromoform	ug/L	0.800	U							
1,1,2,2-Tetrachloroethane	ug/L	0.400	U							
Xylenes (total)	ug/L	1.000	U							

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR PROJECT: ARKWIN INDUSTRIES ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V05DWRK003	46982-002	1	04/09/2005	2118

Test Method.....: 8260B Equipment Code....: MSL Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) Batch.....: 47064

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	24.708		20.000		124	%	43-134	
Vinyl chloride	ug/L	25.024		20.000		125	%	51-139	
Bromomethane	ug/L	20.233		20.000		101	%	27-171	
Chloroethane	ug/L	22.923		20.000		115	%	53-167	
1,1-Dichloroethene	ug/L	24.227		20.000		121	%	57-137	
Carbon disulfide	ug/L	18.617		20.000		93	%	44-142	
Acetone	ug/L	20.510		20.000		103	%	18-263	
Methylene chloride	ug/L	22.538		20.000		113	%	61-129	
trans-1,2-Dichloroethene	ug/L	22.162		20.000		111	%	57-129	
1,1-Dichloroethane	ug/L	23.471		20.000		117	%	67-121	
cis-1,2-Dichloroethene	ug/L	22.442		20.000		112	%	65-120	
2-Butanone (MEK)	ug/L	23.995		20.000		120	%	30-222	
Chloroform	ug/L	23.081		20.000		115	%	70-124	
1,1,1-Trichloroethane	ug/L	22.261		20.000		111	%	60-128	
Carbon tetrachloride	ug/L	21.768		20.000		109	%	56-131	
Benzene	ug/L	22.152		20.000		111	%	68-126	
1,2-Dichloroethane	ug/L	22.845		20.000		114	%	68-124	
Trichloroethene	ug/L	21.632		20.000		108	%	58-125	
1,2-Dichloropropane	ug/L	22.891		20.000		114	%	69-122	
Bromodichloromethane	ug/L	22.979		20.000		115	%	67-118	
cis-1,3-Dichloropropene	ug/L	21.991		20.000		110	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	18.418		20.000		92	%	61-140	
Toluene	ug/L	17.136		20.000		86	%	70-116	
trans-1,3-Dichloropropene	ug/L	22.037		20.000		110	%	55-126	
1,1,2-Trichloroethane	ug/L	22.781		20.000		114	%	70-119	
Tetrachloroethene	ug/L	16.483		20.000		82	%	62-118	
2-Hexanone	ug/L	18.674		20.000		93	%	54-179	
Dibromochloromethane	ug/L	17.856		20.000		89	%	65-114	
Chlorobenzene	ug/L	17.202		20.000		86	%	71-114	
Ethylbenzene	ug/L	17.144		20.000		86	%	71-115	
Styrene	ug/L	17.131		20.000		86	%	69-112	
Bromoform	ug/L	18.202		20.000		91	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	18.314		20.000		92	%	66-129	
Xylenes (total)	ug/L	50.409		60.000		84	%	66-118	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 209161 — Report Date.: 04/12/2005

CUSTOMER: FANNING, PHILLIPS AND MOLNAR — PROJECT: ARKWIN INDUSTRIES — ATTN: Ben Cancemi

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8260B — Equipment Code....: MSL — Analyst...: pam
Method Description.: Volatile Organics (5mL Purge) — Batch.....: 47065

LCS	Laboratory Control Sample	V05DWRK003	47060 -002		04/11/2005 1148

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chloromethane	ug/L	11.810		20.000		59	%	43-134	
Vinyl chloride	ug/L	13.362		20.000		67	%	51-139	
Bromomethane	ug/L	12.963		20.000		65	%	27-171	
Chloroethane	ug/L	14.992		20.000		75	%	53-167	
1,1-Dichloroethene	ug/L	15.968		20.000		80	%	57-137	
Carbon disulfide	ug/L	11.308		20.000		57	%	44-142	
Acetone	ug/L	18.636		20.000		93	%	18-263	
Methylene chloride	ug/L	15.578		20.000		78	%	61-129	
trans-1,2-Dichloroethene	ug/L	14.691		20.000		73	%	57-129	
1,1-Dichloroethane	ug/L	15.974		20.000		80	%	67-121	
cis-1,2-Dichloroethene	ug/L	16.185		20.000		81	%	65-120	
2-Butanone (MEK)	ug/L	20.765		20.000		104	%	30-222	
Chloroform	ug/L	16.826		20.000		84	%	70-124	
1,1,1-Trichloroethane	ug/L	16.497		20.000		82	%	60-128	
Carbon tetrachloride	ug/L	16.108		20.000		81	%	56-131	
Benzene	ug/L	15.978		20.000		80	%	68-126	
1,2-Dichloroethane	ug/L	15.618		20.000		78	%	68-124	
Trichloroethene	ug/L	15.673		20.000		78	%	58-125	
1,2-Dichloropropane	ug/L	16.123		20.000		81	%	69-122	
Bromodichloromethane	ug/L	16.388		20.000		82	%	67-118	
cis-1,3-Dichloropropene	ug/L	15.895		20.000		79	%	60-122	
4-Methyl-2-pentanone (MIBK)	ug/L	20.220		20.000		101	%	61-140	
Toluene	ug/L	18.325		20.000		92	%	70-116	
trans-1,3-Dichloropropene	ug/L	16.127		20.000		81	%	55-126	
1,1,2-Trichloroethane	ug/L	15.758		20.000		79	%	70-119	
Tetrachloroethene	ug/L	18.371		20.000		92	%	62-118	
2-Hexanone	ug/L	21.014		20.000		105	%	54-179	
Dibromochloromethane	ug/L	19.190		20.000		96	%	65-114	
Chlorobenzene	ug/L	18.974		20.000		95	%	71-114	
Ethylbenzene	ug/L	19.219		20.000		96	%	71-115	
Styrene	ug/L	19.648		20.000		98	%	69-112	
Bromoform	ug/L	18.540		20.000		93	%	63-115	
1,1,2,2-Tetrachloroethane	ug/L	21.433		20.000		107	%	66-129	
Xylenes (total)	ug/L	57.148		60.000		95	%	66-118	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 10604

5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviation

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the reporting limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.

Inorganic Flags (Flag Column)

^	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed th upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	PS: Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the reporting limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.

Organic Flags (Flags Column)

^	MB,EB, MLE: Batch QC is greater than reporting limit.
*	LCS, LCD, CCV, MS, MSD, Surrogate, RS:Batch QC exceeds the upper or lower control limits.
A	Concentration exceeds the instrument calibration range or below the reporting limit.
B	Compound was found in the blank.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation Analysis
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
Dil Fac	Dilution Factor
DL	Secondary dilution and analysis
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB	Extraction Blank
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A
ISB	Interference Check Sample B
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
Lab ID	An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PACK	Packed Column
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PS	Post Spike
PSD	Post Spike Duplicate
RA	Re-analysis
RE	Re-extraction and analysis
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RS	Reference Standard
RT	Retention Time
RTW	Retention Time Window
SampleID	A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution
UCB	Unseeded Control Blank

One or a combination of these data qualifiers and abbreviations may appear in the analytical report.

STL-Connecticut
Certification Summary (as of October 2004)

The laboratory identification numbers for the STL-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

State	Responsible Agency	Certification	Expiration Date	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	12/31/04	PH-0497
Maine	Department of Health and Environmental Services	Drinking Water, Wastewater/Solid, Hazardous Waste	04/18/06	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	06/30/05	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	08/29/05	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	06/30/05	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste **NELAC**	04/01/05	10602
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	12/30/04	A43
Utah	Department of Health	RCRA	05/31/05	2032614458

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Report Date: 4/7/2005
Re: Client Project ID: Arkwin/G52-05-06
York Project No.: 05030925

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 4/7/2005
Client Project ID: Arkwin/G52-05-06
York Project No.: 05030925

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/31/05. The project was identifed as your project "Arkwin/G52-05-06 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			System A Effluent		System B Effluent	
York Sample ID			05030925-01		05030925-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles(TO-14 list)	EPA TO-14A	ppbv	---	---	---	---
1,1,1-Trichloroethane			180	1.0	370	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0	Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0	Not detected	1.0
1,1-Dichloroethane			27	1.0	90	1.0
1,1-Dichloroethylene			Not detected	1.0	13	1.0
1,2,4-Trichlorobenzene			Not detected	1.0	Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,2-Dibromoethane			Not detected	1.0	Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,2-Dichloroethane			Not detected	1.0	Not detected	1.0
1,2-Dichloropropane			Not detected	1.0	Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0	Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0	Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0	Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0	Not detected	1.0
3-Chloropropene			Not detected	1.0	Not detected	1.0

YORK

Client Sample ID			System A Effluent		System B Effluent	
York Sample ID			05030925-01		05030925-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Ethyltoluene			Not detected	1.0	Not detected	1.0
Benzene			Not detected	1.0	Not detected	1.0
Benzyl Chloride			Not detected	1.0	Not detected	1.0
Bromomethane			Not detected	1.0	Not detected	1.0
Carbon Tetrachloride			Not detected	1.0	Not detected	1.0
Chlorobenzene			Not detected	1.0	Not detected	1.0
Chloroethane			Not detected	1.0	Not detected	1.0
Chloroform			Not detected	1.0	Not detected	1.0
Chloromethane			Not detected	1.0	Not detected	1.0
cis-1,2-Dichloroethylene			56	1.0	120	1.0
cis-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0	Not detected	1.0
Ethylbenzene			Not detected	1.0	Not detected	1.0
Freon-113			33	1.0	Not detected	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0	Not detected	1.0
Methylene Chloride			Not detected	1.0	Not detected	1.0
o-Xylene			Not detected	1.0	Not detected	1.0
p- & m-Xylenes			Not detected	1.0	Not detected	1.0
Styrene			Not detected	1.0	Not detected	1.0
Tetrachloroethylene			53	1.0	66	1.0
Toluene			Not detected	1.0	1.0	1.0
trans-1,3-Dichloropropylene			Not detected	1.0	Not detected	1.0
Trichloroethylene			37	1.0	52	1.0
Trichlorofluoromethane			Not detected	1.0	Not detected	1.0
Vinyl Chloride			Not detected	1.0	Not detected	1.0
Volatile Organics, TO14 List	EPA TO14A	ug/cu.m.	---	---	---	---
1,1,1-Trichloroethane			999	5.55	2050	5.55
1,1,2,2-tetrachloroethane			Not detected	7.00	Not detected	7.00
1,1,2-Trichloroethane			Not detected	5.55	Not detected	5.55
1,1-Dichloroethane			111	4.10	370	4.10
1,1-Dichloroethylene			Not detected	4.05	52.4	4.05
1,2,4-Trichlorobenzene			Not detected	8.30	Not detected	8.30
1,2,4-Trimethylbenzene			Not detected	5.00	Not detected	5.00
1,2-Dibromoethane			Not detected	7.80	Not detected	7.80
1,2-Dichlorobenzene			Not detected	6.00	Not detected	6.00
1,2-Dichloroethane			Not detected	4.10	Not detected	4.10
1,2-Dichloropropane			Not detected	4.70	Not detected	4.70
1,2-Dichlorotetrafluoroethane			Not detected	5.00	Not detected	5.00
1,3,5-Trimethylbenzene			Not detected	5.00	Not detected	5.00
1,3-Dichlorobenzene			Not detected	6.10	Not detected	6.10
1,4-Dichlorobenzene			Not detected	6.05	Not detected	6.05
3-Chloropropene			Not detected	7.50	Not detected	7.50
4-Ethyltoluene			Not detected	5.05	Not detected	5.05
Benzene			202	3.25	Not detected	3.25
Benzyl Chloride			Not detected	5.75	Not detected	5.75
Bromomethane			Not detected	3.95	Not detected	3.95
Carbon Tetrachloride			Not detected	6.40	Not detected	6.40
Chlorobenzene			Not detected	4.70	Not detected	4.70
Chloroethane			Not detected	2.70	Not detected	2.70
Chloroform			Not detected	4.95	Not detected	4.95
Chloromethane			Not detected	2.10	Not detected	2.10

YORK

Client Sample ID			System A Effluent		System B Effluent	
York Sample ID			05030925-01		05030925-02	
Matrix			AIR		AIR	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,2-Dichloroethylene			226	4.05	484	4.05
cis-1,3-Dichloropropylene			Not detected	4.95	Not detected	4.95
Dichlorodifluoromethane			Not detected	5.05	Not detected	5.05
Ethylbenzene			Not detected	4.40	Not detected	4.40
Freon-113			257	7.80	Not detected	7.80
Hexachloro-1,3-Butadiene			Not detected	7.10	Not detected	7.10
Methylene Chloride			Not detected	3.55	Not detected	3.55
o-Xylene			Not detected	4.40	Not detected	4.40
p- & m-Xylenes			Not detected	4.40	Not detected	4.40
Styrene			Not detected	4.35	Not detected	4.35
Tetrachloroethylene			366	6.90	455	6.90
Toluene			Not detected	3.85	3.85	3.85
trans-1,3-Dichloropropylene			Not detected	5.05	Not detected	5.05
Trichloroethylene			Not detected	5.45	284	5.45
Trichlorofluoromethane			Not detected	5.70	Not detected	5.70
Vinyl Chloride			Not detected	2.60	Not detected	2.60

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 05030925

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 4/7/2005

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

0503095

Company Name	Report To:	Invoice To:	Project ID/No.	
FPM Group	Buscaweni	FPM	ARKWIW/GSJ-05-06	Samples Collected By (Signature) / Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	System A Effluent	3/30/05 1300			X		VOC's via TO14	1-Tedlar
	System B Effluent	3/30/05 1500			X		↓	↓

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time		
Bottles Received in Field by	Date/Time		
		Sample Relinquished by	3/30/04 Date/Time
		Sample Relinquished by	Date/Time
		Sample Received by	3/31 9:30AM Date/Time
		Sample Received in LAB by	Date/Time

Comments/Special Instructions

Turn-Around Time
X Standard ____ RUSH(define)____

YORK
ANALYTICAL LABORATORIES, INC.

CC BC

Technical Report

prepared for

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Report Date: 6/23/2005
Re: Client Project ID: Arkwin/GS2-05-06
York Project No.: 05060477

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 6/23/2005
Client Project ID: Arkwin/GS2-05-06
York Project No.: 05060477

FPM Group
909 Marconi Avenue
Ronkonkoma, New York 11779
Attention: Ben Cancemi

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/15/05. The project was identifed as your project "Arkwin/GS2-05-06 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Effluent System A	
York Sample ID			05060477-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
Volatiles(TO-14 list)	EPA TO-14A	ppbv	---	---
1,1,1-Trichloroethane			100	1.0
1,1,2,2-tetrachloroethane			Not detected	1.0
1,1,2-Trichloroethane			Not detected	1.0
1,1-Dichloroethane			11	1.0
1,1-Dichloroethylene			Not detected	1.0
1,2,4-Trichlorobenzene			Not detected	1.0
1,2,4-Trimethylbenzene			Not detected	1.0
1,2-Dibromoethane			Not detected	1.0
1,2-Dichlorobenzene			Not detected	1.0
1,2-Dichloroethane			Not detected	1.0
1,2-Dichloropropane			Not detected	1.0
1,2-Dichlorotetrafluoroethane			Not detected	1.0
1,3,5-Trimethylbenzene			Not detected	1.0
1,3-Dichlorobenzene			Not detected	1.0
1,4-Dichlorobenzene			Not detected	1.0
3-Chloropropene			Not detected	1.0

YORK

Client Sample ID			Effluent System A	
York Sample ID			05060477-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
4-Ethyltoluene			Not detected	1.0
Benzene			Not detected	1.0
Benzyl Chloride			Not detected	1.0
Bromomethane			Not detected	1.0
Carbon Tetrachloride			Not detected	1.0
Chlorobenzene			Not detected	1.0
Chloroethane			Not detected	1.0
Chloroform			Not detected	1.0
Chloromethane			Not detected	1.0
cis-1,2-Dichloroethylene			20	1.0
cis-1,3-Dichloropropylene			Not detected	1.0
Dichlorodifluoromethane			Not detected	1.0
Ethylbenzene			Not detected	1.0
Freon-113			32	1.0
Hexachloro-1,3-Butadiene			Not detected	1.0
Methylene Chloride			Not detected	1.0
o-Xylene			Not detected	1.0
p- & m-Xylenes			Not detected	1.0
Styrene			Not detected	1.0
Tetrachloroethylene			36	1.0
Toluene			Not detected	1.0
trans-1,3-Dichloropropylene			Not detected	1.0
Trichloroethylene			20	1.0
Trichlorofluoromethane			Not detected	1.0
Vinyl Chloride			Not detected	1.0
Volatile Organics, TO14 List	EPA TO14A	ug/cu.m.	---	---
1,1,1-Trichloroethane			555	5.55
1,1,2,2-tetrachloroethane			Not detected	7.00
1,1,2-Trichloroethane			Not detected	5.55
1,1-Dichloroethane			45.3	4.10
1,1-Dichloroethylene			Not detected	4.05
1,2,4-Trichlorobenzene			Not detected	8.30
1,2,4-Trimethylbenzene			Not detected	5.00
1,2-Dibromoethane			Not detected	7.80
1,2-Dichlorobenzene			Not detected	6.00
1,2-Dichloroethane			Not detected	4.10
1,2-Dichloropropane			Not detected	4.70
1,2-Dichlorotetrafluoroethane			Not detected	5.00
1,3,5-Trimethylbenzene			Not detected	5.00
1,3-Dichlorobenzene			Not detected	6.10
1,4-Dichlorobenzene			Not detected	6.05
3-Chloropropene			Not detected	7.50
4-Ethyltoluene			Not detected	5.05
Benzene			Not detected	3.25
Benzyl Chloride			Not detected	5.75
Bromomethane			Not detected	3.95
Carbon Tetrachloride			Not detected	6.40
Chlorobenzene			Not detected	4.70
Chloroethane			Not detected	2.70
Chloroform			Not detected	4.95
Chloromethane			Not detected	2.10

YORK

Client Sample ID			Effluent System A	
York Sample ID			05060477-01	
Matrix			AIR	
Parameter	Method	Units	Results	MDL
cis-1,2-Dichloroethylene			80.7	4.05
cis-1,3-Dichloropropylene			Not detected	4.95
Dichlorodifluoromethane			Not detected	5.05
Ethylbenzene			Not detected	4.40
Freon-113			249	7.80
Hexachloro-1,3-Butadiene			Not detected	7.10
Methylene Chloride			Not detected	3.55
o-Xylene			Not detected	4.40
p- & m-Xylenes			Not detected	4.40
Styrene			Not detected	4.35
Tetrachloroethylene			248	6.90
Toluene			Not detected	3.85
trans-1,3-Dichloropropylene			Not detected	5.05
Trichloroethylene			109	5.45
Trichlorofluoromethane			Not detected	5.70
Vinyl Chloride			Not detected	2.60

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 05060477

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/23/2005

YORK

YORK

ANALYTICAL LABORATORIES, INC.

QA/QC Summary Report

Associated Samples: AC58972 — 23-Jun-05

Client: FPM Group

Analysis Name: *Volatiles(TO-14 list) QA ONLY* **Batch Name:** $TO14_-17263 **QA Sample #:** AC58972

Unit of Measure: ppbv **York's Sample ID:** 05060477-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
1,2-Dichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Benzyl Chloride	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Benzene	4.6	Not detected	Not detected	5.0	4.6	**92.0**	Not detected		
4-Ethyltoluene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
3-Chloropropene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,4-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,3-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,3,5-Trimethylbenze	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,1,1-Trichloroethane	6.4	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,2-Dichloropropane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Chlorobenzene	4.7	Not detected	Not detected	5.0	5.3	**106.0**	Not detected		
1,2-Dichlorobenzene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,2-Dibromoethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,2,4-Trimethylbenze	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,2,4-Trichlorobenze	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,1-Dichloroethylene	5.7	Not detected	Not detected	5.0	4.3	**86.0**	Not detected		
1,1-Dichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,1,2-Trichloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,1,2,2-tetrachloroet	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
1,2-Dichlorotetrafluor	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Freon-113	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Trichlorofluorometha	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Trichloroethylene	5.1	Not detected	Not detected	5.0	5.1	**102.0**	Not detected		
trans-1,3-Dichloropro	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Toluene	4.5	59	Not detected	5.0	4.6	**92.0**	56		**5.2**
Tetrachloroethylene	4.9	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		
Styrene	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected		

YORK

YORK

ANALYTICAL LABORATORIES, INC.

QA/QC Summary Report

p- & m-Xylenes	Not detected	89	Not detected	Not detected	Not detected	**Not detected**	91	**2.2**
o-Xylene	Not detected	10	Not detected	Not detected	Not detected	**Not detected**	11	**9.5**
Bromomethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Hexachloro-1,3-Buta	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Carbon Tetrachloride	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Ethylbenzene	4.9	67	Not detected	Not detected	Not detected	**Not detected**	72	7.2
Dichlorodifluorometh	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
cis-1,3-Dichloroprop	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
cis-1,2-Dichloroethyl	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Chloromethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Chloroform	5.9	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Chloroethane	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Vinyl Chloride	4.7	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	
Methylene Chloride	Not detected	Not detected	Not detected	Not detected	Not detected	**Not detected**	Not detected	

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ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

05060077

Company Name	Report To:	Invoice To:	Project ID/No.	
FPM Group	Ben Cancemi	FPM	ARKWIN/GSJ-05-06	Samples Collected By (Signature)
				Ben T. Cancemi Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	Effluent System A	6/14/05 1300			X		VOC's by TO14	1-Tedlar

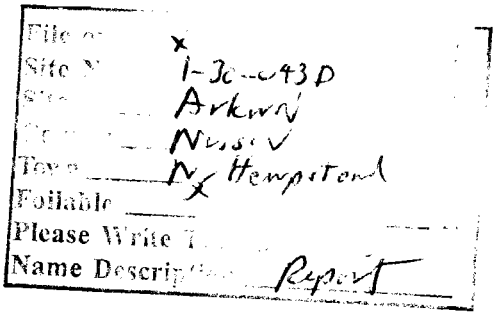
Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				# 6/15 8pm	

Comments/Special Instructions

Turn-Around Time

X Standard ___ RUSH(define)_____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