### SURFACE WATER AND GROUNDWATER MONITORING PROGRAM FALL 2007 MONITORING REPORT

ARCH CHEMICALS
ROCHESTER PLANT SITE
ROCHESTER, NEW YORK

ARCH CHEMICALS, INC. CHARLESTON, TENNESSEE

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### SURFACE WATER AND GROUNDWATER MONITORING PROGRAM FALL 2007 MONITORING REPORT

### ARCH CHEMICALS ROCHESTER PLANT SITE ROCHESTER, NEW YORK

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#### **EXECUTIVE SUMMARY**

This monitoring report presents the results of an on-going groundwater and surface water monitoring program being conducted by Arch Chemicals, Inc., at its Rochester, New York, manufacturing facility. Results in this report include surface and groundwater samples collected in November 2007.

During this monitoring event, samples from a total of 28 groundwater monitoring or pumping wells and four locations associated with the Dolomite Products Quarry seep and outfall were collected and analyzed by TestAmerica in Amherst, New York.

As in prior reports, monitoring results were compared with previous average concentrations at each sampling location. Twenty of the 32 monitoring locations sampled for chloropyridines had contaminant concentrations that were at or below their respective 5-year prior averages. Twenty-one of the 27 monitoring locations sampled for volatile organic compounds had concentrations at or below their 5-year prior average. Contaminant contour plots are generally consistent with past observations.

Sampling locations associated with the quarry included the main quarry seep (QS-4), the quarry ditch where the quarry dewatering discharge enters the ditch (QD-1), the quarry ditch as it enters the Erie Barge Canal (QO-2), and the surface water in the canal approximately 100-feet downstream of the quarry ditch (QO-2S1). Sample locations QS-4, QO-2, and QO-2S1 were sampled on November 9, 2007, and were re-sampled (along with QD-1) on December 10, 2007, to accommodate a request by the NYSDEC. Chloropyridine concentrations in quarry seep QS-4 remain below the historical average for this location. QO-2 contained chloropyridines at an estimated 7  $\mu$ g/L in the November 9 sample, but was non-detect in the December 10 sample. The canal location had no detectable chloropyridines in the November 9 sample, while an estimated result of 2  $\mu$ g/L of 2-chloropyridine was reported in the December 10 sample.

During the period June 2007 through November 2007, the on-site groundwater extraction system pumped approximately 7 million gallons of groundwater to the on-site treatment system, containing an estimated 394 pounds of chloropyridines and 17 pounds of target volatile organic compounds.

Pump and/or meter repairs were required on wells BR-5A, BR-7A, BR-9, PW-11, and PW-13. Pump replacement was required in well PW-14.

Pumping well PW-10 is no longer operational, and Arch has installed a replacement well (PW-15) approximately 75 feet south of PW-10. A pump and controllers are currently being installed, and the new well will be activated by approximately February 1, 2008.

All accessible on-site monitoring wells were checked for the presence of dense non-aqueous phase liquids (DNAPL) and floating (or light) NAPL (LNAPL), using an interface probe. No DNAPL or LNAPL was observed in any of these wells, with the exception of pumping well PW-13. Arch has been tracking the accumulation of LNAPL in PW-13 since the well was installed in 2004. During this monitoring event, the measured thickness of LNAPL in PW-13 was 0.44 feet.

The next regular monitoring event will occur in May 2008 and will include groundwater, surface water, and seep sampling.

#### 1.0 INTRODUCTION

In accordance with the Order on Consent executed between Arch Chemicals, Inc., and the New York State Department of Environmental Conservation (NYSDEC), effective August 21, 2003, Arch is conducting a Remedial Action program at its facility on McKee Road in Rochester, New York. As part of this program, Arch conducts twice-yearly monitoring events consisting of sampling and chemical analysis of groundwater and surface water in the vicinity of the Rochester facility.

The Fall 2007 sampling event included the collection and analysis of a total of 32 groundwater, surface water, and seep samples from off-site and on-site locations. Samples were collected between November 9 and December 10, 2007, for analysis of selected chloropyridines and volatile organic compounds (VOCs).

This report presents the results of the Fall 2007 monitoring event.

#### 2.0 SAMPLE COLLECTION AND ANALYSIS

#### 2.1 GROUNDWATER

Groundwater samples were collected from off-site wells, on-site wells and piezometers for analysis of selected chloropyridines (2-chloropyridine, 2,6-dichloropyridine, 3-chloropyridine, 4-chloropyridine, pyridine, and p-fluoroaniline) and target compound list (TCL) VOCs. Samples were collected by TestAmerica (formerly Severn Trent Laboratories) and transported to their laboratory in Amherst, New York for analysis. Table 1 lists the wells that were sampled and the requested analyses. The off-site and on-site locations of these sampling points are shown in Figures 1 and 2, respectively. Groundwater sampling data sheets are provided in Appendix A.

Groundwater was collected with the low flow/low stress purging technique from most of the wells using bladder or peristaltic pumps. Samples from active pumping wells (BR-5A, BR-7A, BR-9, PW-11, PW-13, and PW-14) were collected from the discharge lines.

Groundwater piezometric elevations were measured on November 9, 2007. Piezometric contour maps were constructed for each water-bearing zone (overburden, bedrock, and deep bedrock) and are presented in Figures 3, 4, and 5.

All accessible on-site monitoring wells were again checked for the presence of non-aqueous phase liquid (NAPL), using an interface probe. No dense NAPL (DNAPL) was observed in any of these wells. 0.44 feet of floating NAPL (LNAPL) was observed in pumping well PW-13, where it has been observed since the well's installation in 2004. The LNAPL has been previously analyzed as No. 2 fuel oil and there is no indication that it originates from the Arch facility. LNAPL was not observed in any of the other on-site wells.

#### 2.2 SURFACE WATER

Surface water and quarry seep samples were collected as part of the on-going monitoring program for the Arch Rochester site. The location of the quarry and its outfall in relation to the site is shown on Figure 6. Samples of the quarry seep (QS-4), the surface ditch that receives the quarry discharge (QO-2, at the point where the ditch flows into the canal), and

the Barge Canal (QO-2S1) were collected by TestAmerica on November 9, 2007. Shortly after those samples were collected, the NYSDEC requested that Arch also collect a sample from QD-1, which is located in the surface ditch immediately adjacent to where the quarry dewatering system discharges into the ditch. In order to have a complete contemporaneous set of data from the quarry area, the three previous sample locations (QS-4, QO-2, and QO-2S1) were re-sampled at the same time as QD-1, on December 10, 2007. Location QD-1 was not previously part of the routine monitoring schedule, but has now been added to the program at the request of the NYSDEC. All quarry-related samples were analyzed for the Arch suite of selected chloropyridines. The quarry locations sampled during the Fall 2007 event are shown on Figure 7.

#### 2.3 ANALYTICAL PROCEDURES

The analytical procedures, data review findings, and validated data for this groundwater and surface water monitoring event are discussed in the following paragraphs.

Samples were analyzed for the Arch suite of selected chloropyridines and TCL VOCs by USEPA SW-846 Methods 8270C and 8260B, respectively. The reporting limits for the chloropyridines and VOCs are approximately 10 micrograms per liter ( $\mu$ g/L) and 5 to 25  $\mu$ g/L, respectively, for undiluted samples.

#### 2.4 QUALITY CONTROL

All laboratory analytical results were reviewed and qualified following U.S. Environmental Protection Agency Contract Laboratory Program (USEPA CLP), "National Functional Guidelines For Organic Data Review", October, 1999, as modified by USEPA Region II, "SOP No. HW-6 Revision XII", March 2001. Analytical results were evaluated for the following parameters:

- Collection and Preservation
- \* Holding Times
- \* Surrogate Recoveries Blank Contamination
- \* Duplicates
- Laboratory Control Samples
- Matrix Spike/Matrix Spike Duplicates
   Miscellaneous

With the qualifications discussed below, results are determined to be usable as reported by the laboratory.

Blank Contamination. Blank contamination was reported in the method and trip blanks for carbon disulfide (0.83  $\mu$ g/L) and methylene chloride (0.81  $\mu$ g/L). An action level was calculated at ten times the highest detection reported in the blanks for methylene chloride and five times the blank concentration for carbon disulfide. The action level was then multiplied by the dilution factor if applicable. The results for carbon disulfide were less than the action level in samples E-1 and PZ-107 and were qualified as non-detect (U). The results for methylene chloride were less than the action level in samples PZ-105, PZ-107, S-3, E-1, PZ-106, PW-12, BR-9, and PW-10 and were also qualified as non-detect (U).

<sup>\* -</sup> all criteria were met for this parameter

<u>Miscellaneous</u>. Several samples required dilutions due to concentrations of the target analytes 2-chloropyridine, chloroform, and chlorobenzene that were greater than the instrument calibration range. These dilutions ranged from two to five thousand times. Results were reported from the lowest diluted analytical run that met validation criteria.

### 3.0 ANALYTICAL RESULTS

### 3.1 GROUNDWATER

The validated results from the Fall 2007 groundwater monitoring event are provided in Tables 2 and 3. Table 4 provides a comparison of the Fall 2007 analytical results for selected chloropyridines and VOCs in representative wells to mean concentrations of the prior five years (Fall 2002 through Spring 2007). Long term trends for both selected chloropyridines and VOCs are also presented as time-series plots for representative wells in Appendix B. A summary of the analytical findings is presented below by parameter class.

### 3.1.1 Chloropyridines

<u>On-Site.</u> Chloropyridines were detected above sample quantitation limits in all 18 on-site wells sampled in the Fall 2007 event. Concentrations of chloropyridines ranged from 15 micrograms per liter (μg/L) (sum of all chloropyridine and pyridine isomer concentrations) in monitoring well S-4 to 380,000 μg/L in new pumping well PW-15. Eleven of the on-site wells exhibited total chloropyridine concentrations that were below their respective means from monitoring events over the previous five years (see Table 4). Wells BR-7A, MW-127, PW-12, PW-13, PW-14, PZ-105 and PZ-106 contained chloropyridines at levels exceeding their prior 5-year means.

<u>Off-Site.</u> Chloropyridines were detected above sample quantitation limits in all 10 off-site wells that were sampled. Concentrations of total selected chloropyridines ranged from 12 μg/L (in MW-16 on the former General Circuits property) to 34,000 μg/L (in well PZ-103 on the west side of McKee Road). Six of the 10 off-site wells contained total chloropyridine concentrations that were below their respective 5-year prior means, while wells BR-106, MW-106, PZ-102, and PZ-103 exceeded their prior 5-year means.

<u>Concentration Contours</u>. Chloropyridine distribution in groundwater is shown as a set of concentration contours on Figure 8. The contours were developed using data from both overburden and bedrock monitoring wells. Contours are approximated (shown as dashed lines) where they are based on data from previous sampling rounds.

### 3.1.2 Selected VOCs.

<u>On-Site.</u> Selected VOCs were detected in 16 of the 18 on-site wells sampled in the Fall 2007 event. Total concentrations of selected VOCs ranged from non-detect (in wells MW-127 and S-4) to 150,000 μg/L in PZ-106 for the sum of the principal site-related contaminants (carbon tetrachloride, chloroform, methylene chloride, tetrachloroethene, and trichloroethene). Only four of the 22 on-site wells (BR-127, BR-7A, E-1, and PW-13) contained concentrations of total VOCs above their 5-year prior means. In addition to the selected VOCs, other notable constituents detected in on-site wells include chlorobenzene

(in 14 out of 18 wells), toluene (13 of 18), benzene (11 of 18), vinyl chloride (11 of 18), 1,2-dichloroethene (11 of 18), carbon disulfide (8 of 18), ethylbenzene (5 of 18), and 1,1-dichloroethane (5 of 18).

<u>Off-Site.</u> Selected VOCs were detected in 4 of the 9 off-site wells sampled for VOCs in the Fall 2007 event. Total concentrations of selected VOCs ranged from non-detect (in MW-106, BR-106, BR-126, PZ-101, and PZ-104) to 12  $\mu$ g/L (in PZ-103). Only one of the 9 off-site wells (PZ-102) had selected VOC concentrations above its prior 5-year mean. In addition to the selected VOCs, other notable constituents detected in off-site wells include benzene (in 9 out of 9 wells), chlorobenzene (8 of 9), 1,2-dichloroethene (7 of 9), carbon disulfide (5 of 9), toluene (4 of 9), 1,2-dichloroethane (3 of 9), and ethyl benzene (3 of 9).

<u>Concentration Contours</u>. The distribution of selected VOCs in groundwater is shown as a set of concentration contours on Figure 9. These contours were developed using both overburden and bedrock groundwater data, and are dashed where approximated using data from previous sampling rounds.

#### 3.2 SURFACE WATER

Results from the Fall 2007 canal and quarry monitoring event are presented in Table 5, and summarized below.

### **3.2.1 Quarry**

One quarry seep was sampled in the Fall 2007 monitoring event. Quarry seep QS-4 was sampled twice (November 9 and December 10, 2007), and contained 231  $\mu$ g/L and 241  $\mu$ g/L total chloropyridines, respectively. These concentrations remain at or below historical averages.

### 3.2.2 Quarry Discharge Ditch

Two locations within the quarry discharge ditch were sampled and analyzed for chloropyridines. QD-1 was sampled once, at the point where the quarry's dewatering discharge enters the ditch. QO-2 was sampled twice, at the location where the ditch discharges to the canal. Total chloropyridines were detected in the sample from QD-1 at an estimated concentration of 2  $\mu$ g/L. Chloropyridines were detected in the November 9 sample at QO-2 at an estimated concentration of 7  $\mu$ g/L, but were not detected in the December 10 sample collected at this location.

### 3.2.3 Barge Canal

Two samples were collected from the Erie Barge Canal location (QO-2S1, approximately 100 feet downstream of QO-2). Chloropyridines were not detected in the November 9 sample; however, an estimated value of 2  $\mu$ g/L of 2-chloropyridine was reported in the surface water sample collected on December 10. Chloropyridines are not typically detected at this sampling point. At this low level (well below the normal laboratory reporting limit), the December 10 result should be viewed with some uncertainty.

#### 4.0 EXTRACTION SYSTEM PERFORMANCE AND MAINTENANCE

Table 6 is a summary of the system flow measurements for the on-site extraction wells from June 2007 through November 2007. The total volume pumped during the six-month period is approximately 7 million gallons.

Meter repairs were required on wells BR-5A, BR-7A, BR-9, PW-11, and PW-13. Pump replacement was required in well PW-14.

In November 2006, pumping well PW-10 partially collapsed while Arch was attempting to remove the pump for service. This well is no longer operational, and Arch has installed a replacement well (PW-15) approximately 75 feet south of PW-10. A pump and controllers are currently being installed, and the new well is expected to be activated by approximately February 1, 2008.

Table 7 provides a calculation of mass removal rates since the previous groundwater monitoring event (i.e., from June 2007 through November 2007). Arch estimates that approximately 17 pounds of target VOCs and 394 pounds of chloropyridine compounds were removed by the groundwater extraction system and treated by the plant's activated carbon adsorption units over that time period.

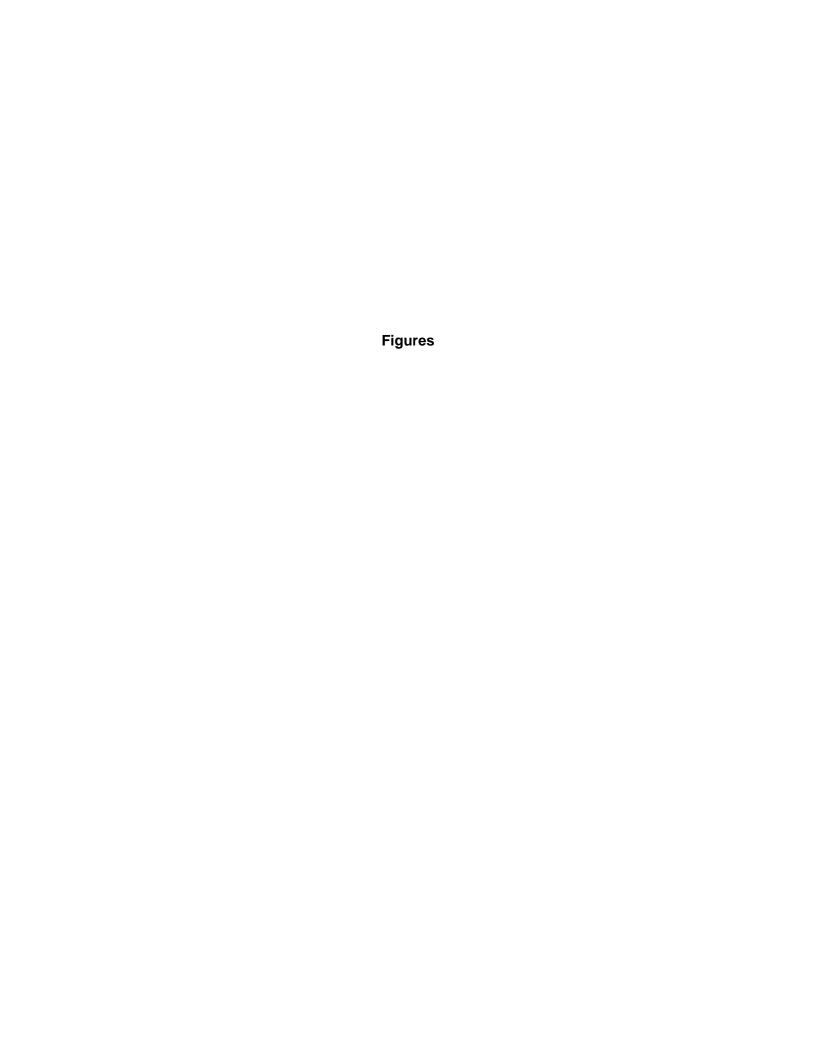
#### 5.0 OTHER ISSUES

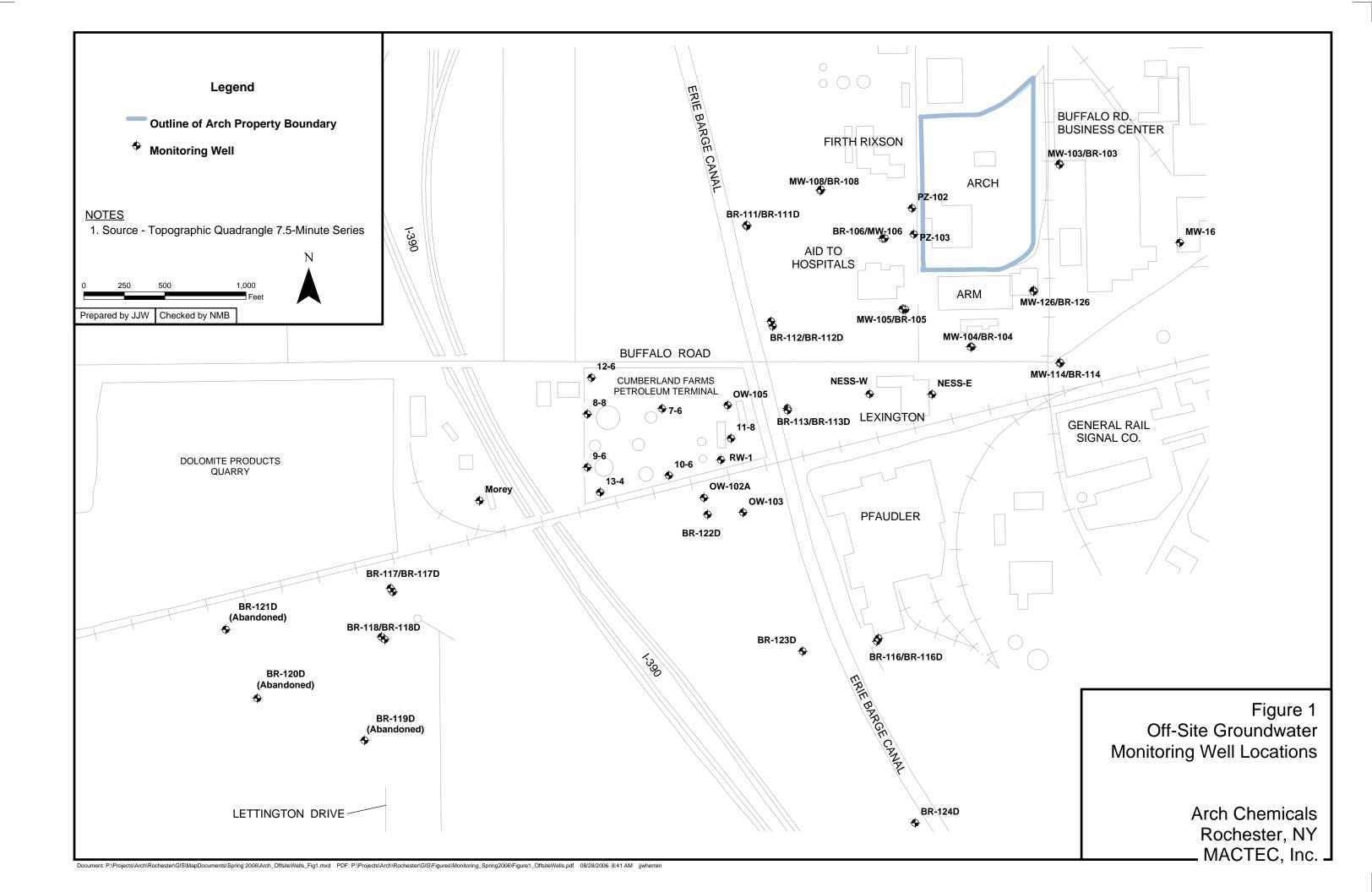
For other issues related to the remedial action program at the Arch Rochester Plant Site, please see the monthly progress reports, which commenced in February 2005.

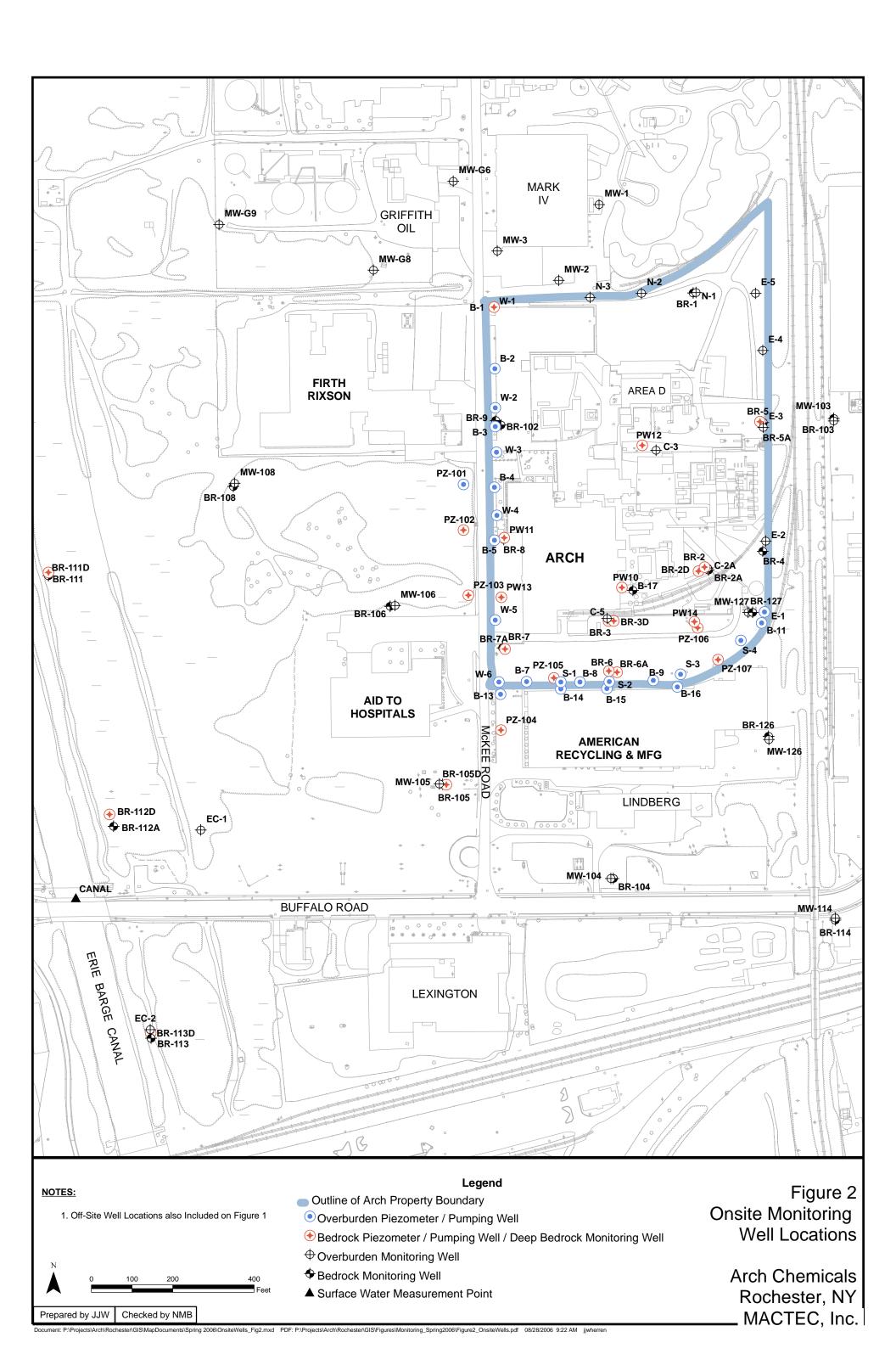
### 6.0 NEXT MONITORING EVENT

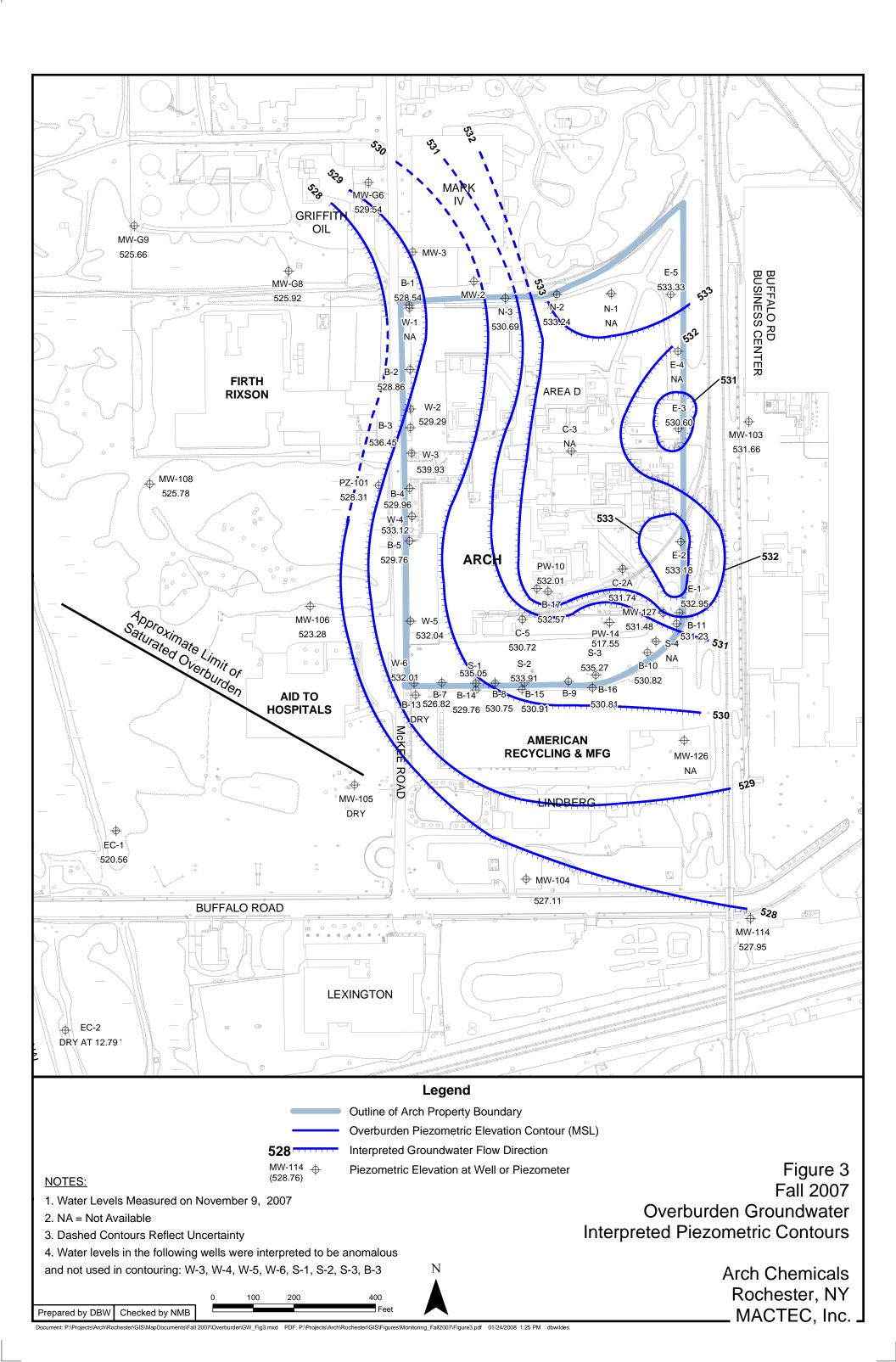
The next regular monitoring event will occur in May 2008 and will include groundwater, surface water, and seep sampling.

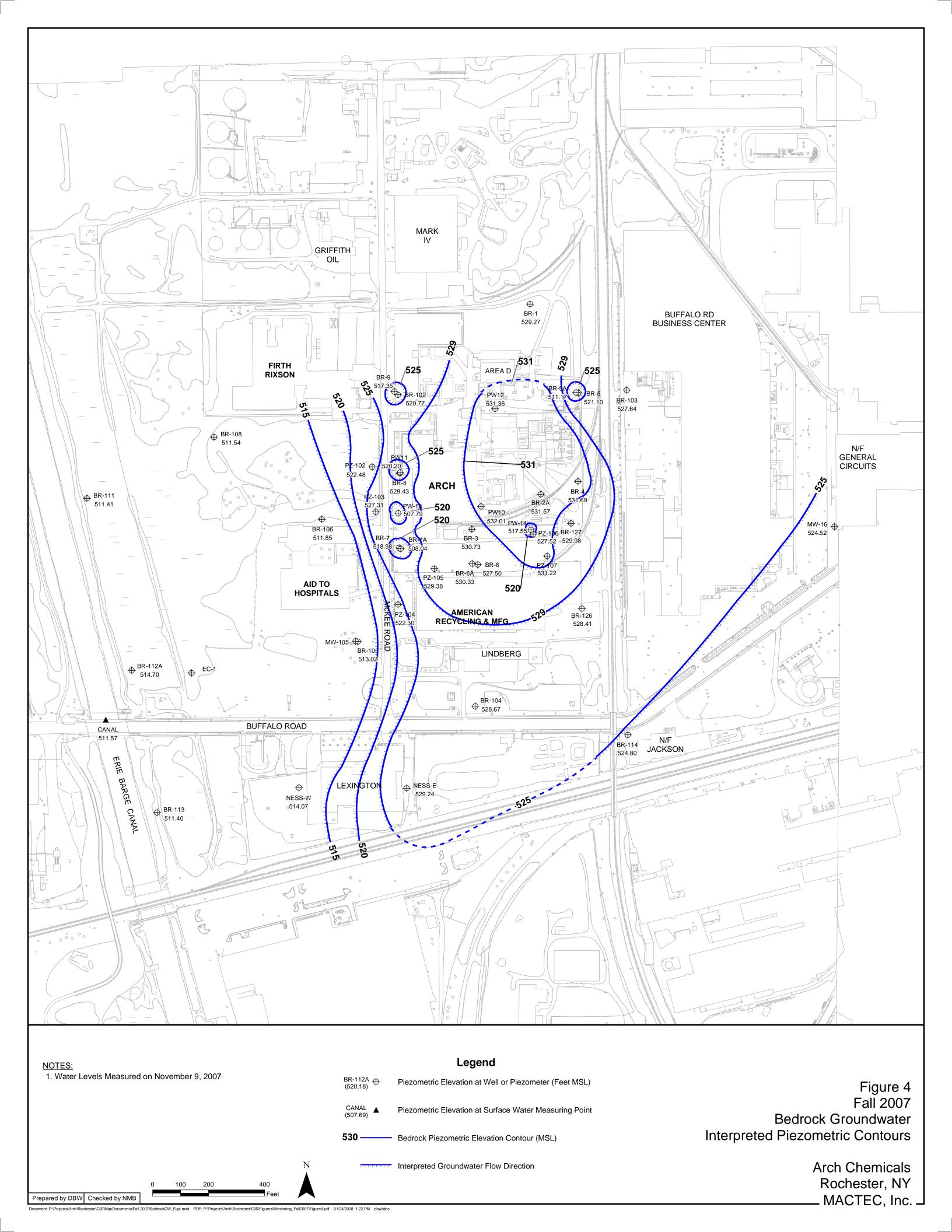
Table 8 shows the current monitoring program for the Arch Rochester site.

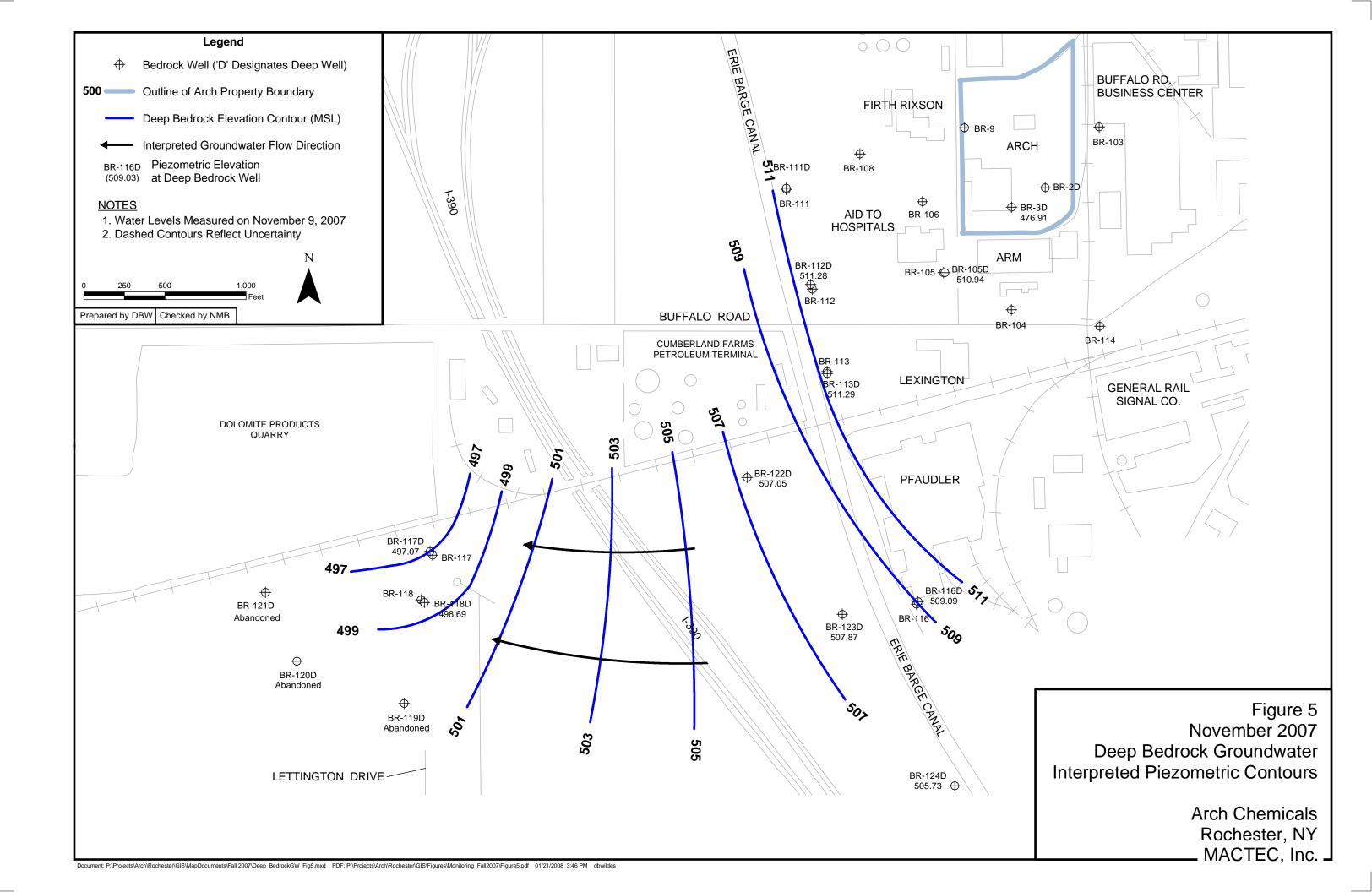


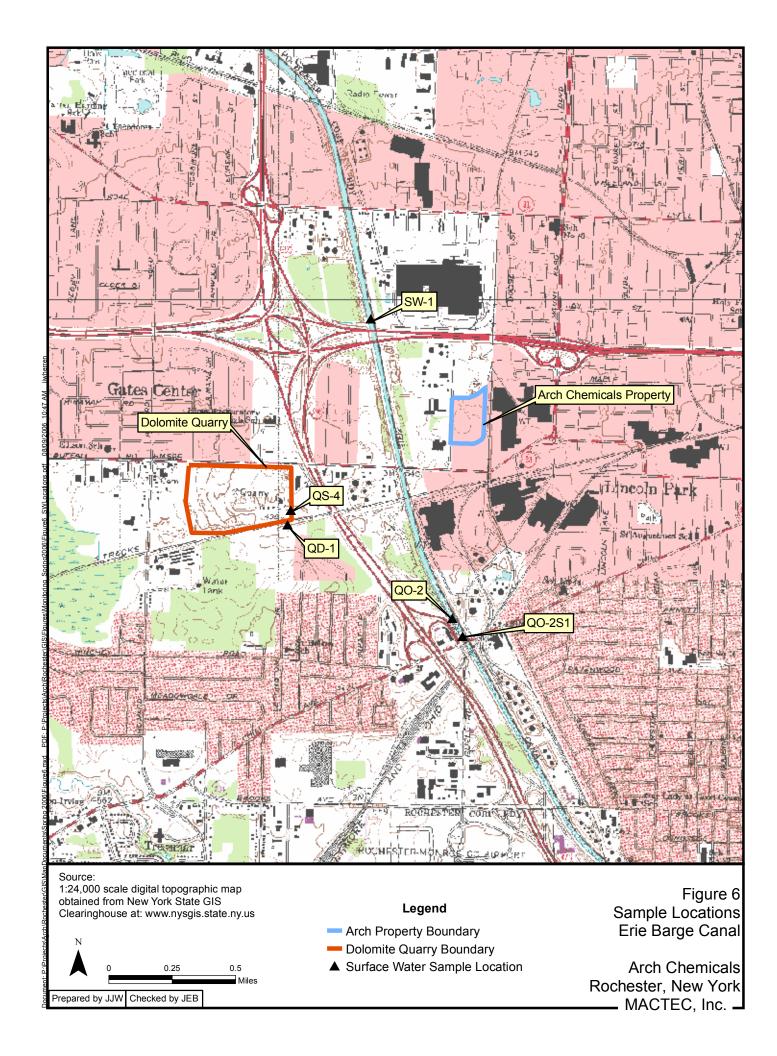


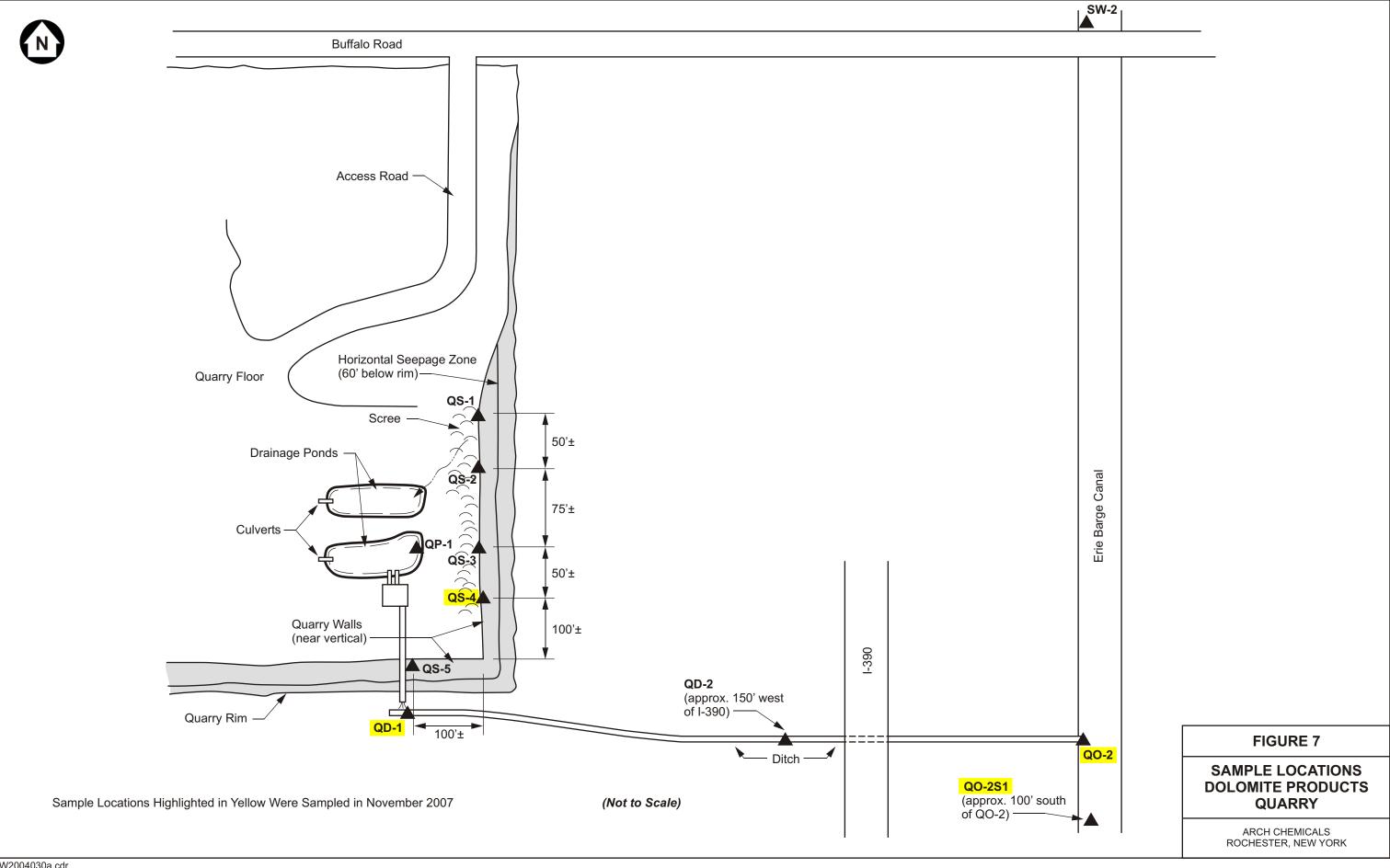


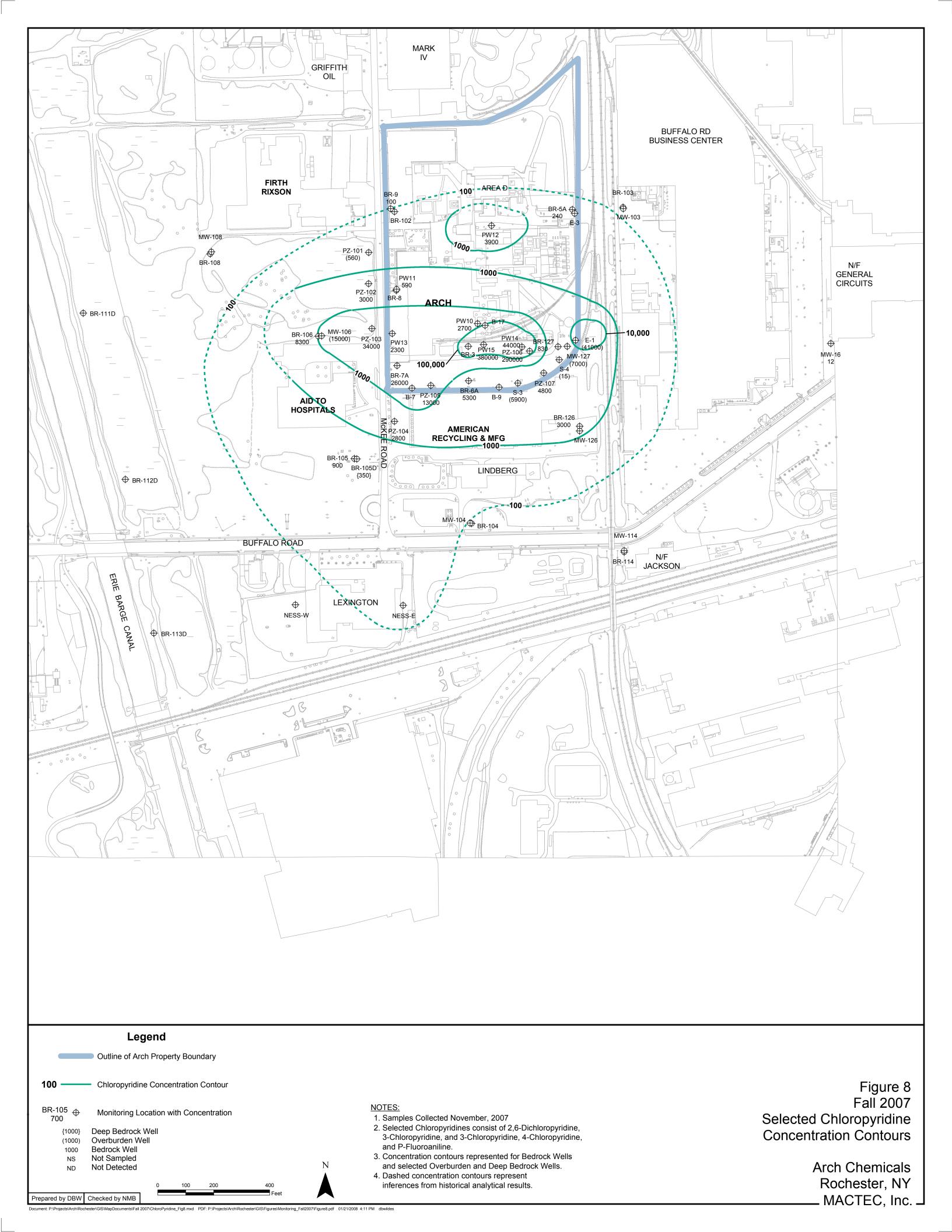


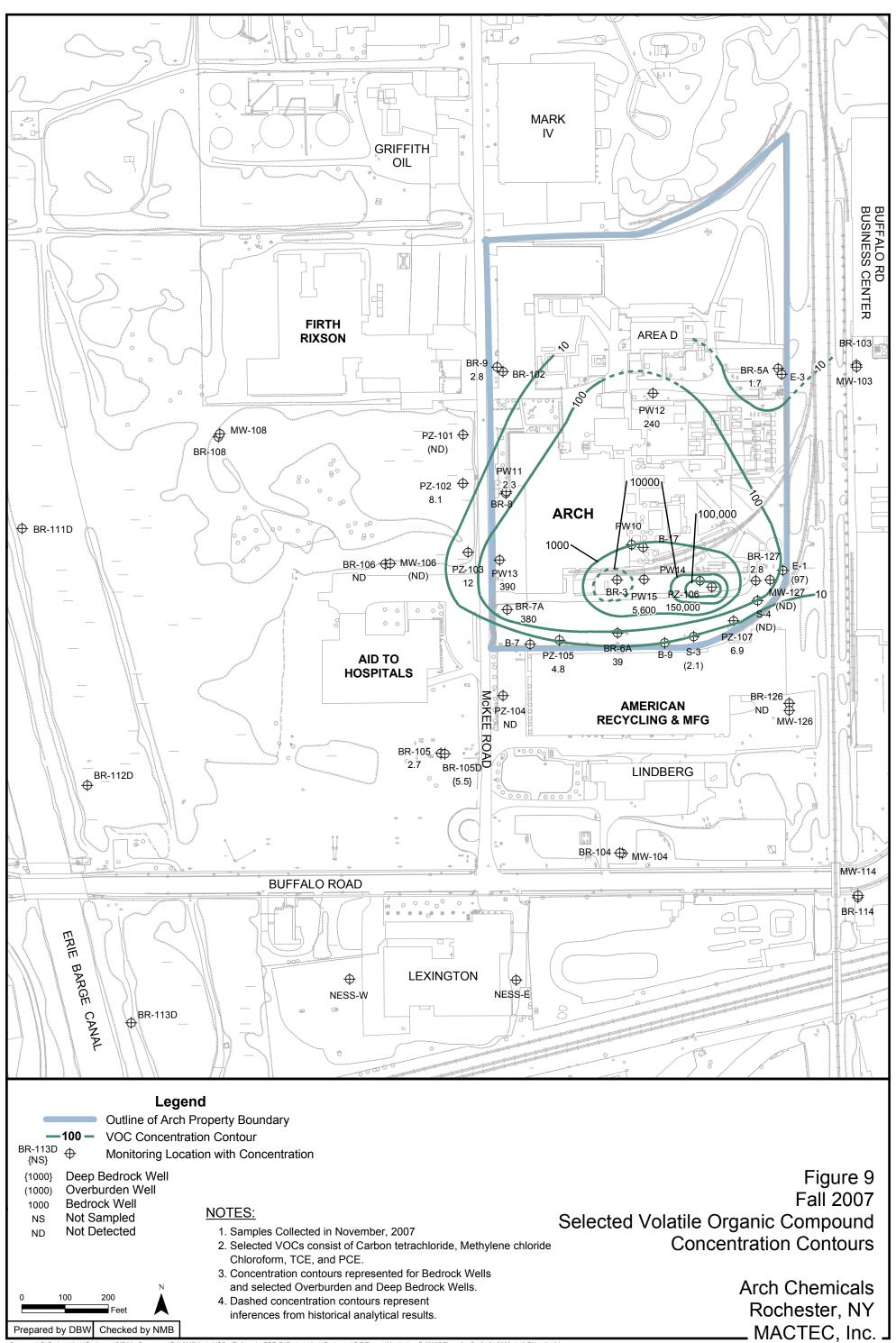


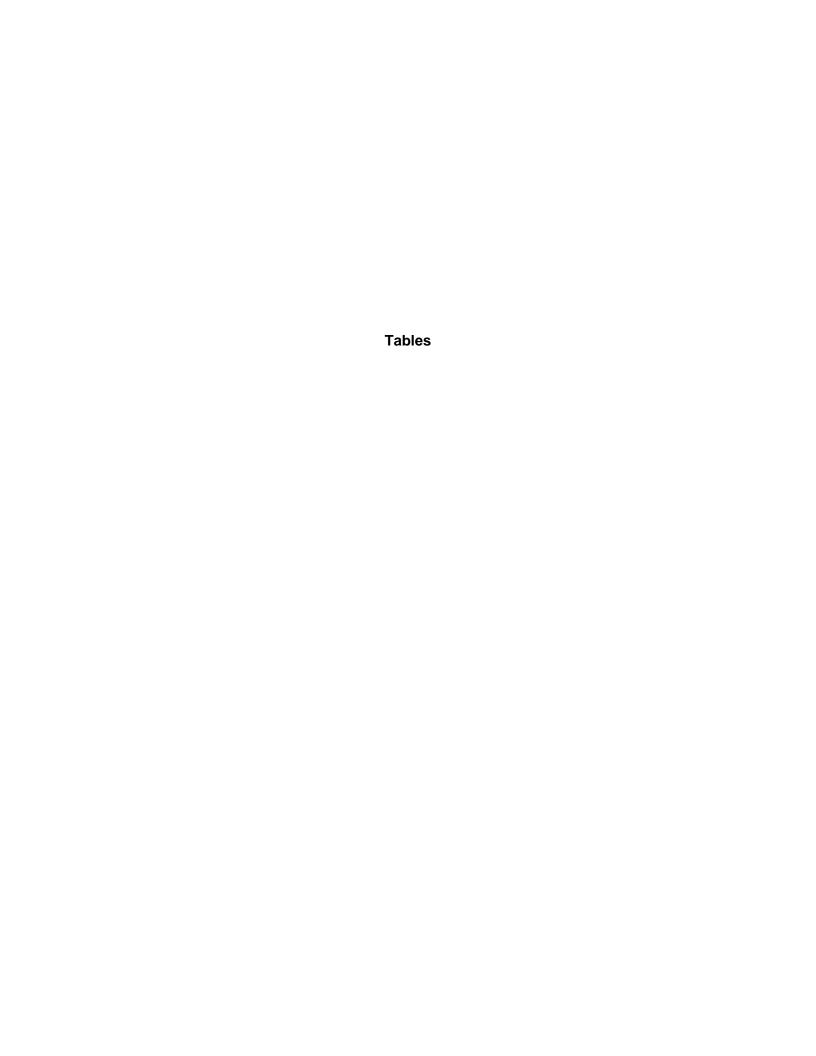












### TABLE 1 FALL 2007 GROUNDWATER SAMPLING AND ANALYTICAL PROGRAM

### ARCH CHEMICALS, INC ROCHESTER, NEW YORK

			ANALYSIS	PYRIDINES	VOCs
	WELL /		QC TYPE		
SITE / AREA	POINT	DATE			
AID TO HOSPITALS	BR-106	11/14/2007	Sample	Х	Χ
	MW-106	11/14/2007	Sample	Х	Χ
	PZ-101	11/13/2007	Sample	Х	Χ
	PZ-102	11/13/2007	Sample	Х	Х
	PZ-103	11/13/2007	Sample	Х	Χ
MERICAN RECYCLE MANUF. (58 MCKEE	BR-126	11/13/2007	Sample	Х	Χ
ROAD)	PZ-104	11/13/2007	Sample	X	Х
ARCH ROCHESTER	BR-127	11/13/2007	Duplicate	Х	Χ
	BR-127	11/13/2007	Sample	Х	Χ
	BR-5A	11/13/2007	Sample	X	Х
	BR-6A	11/12/2007	Sample	Х	Χ
	BR-7A	11/13/2007	Sample	Х	Χ
	BR-9	11/13/2007	Sample	Х	Х
	E-1	11/12/2007	Sample	Х	Х
	MW-127	11/13/2007	Sample	Х	Х
	PW10	11/29/2007	Sample	Х	Х
	PW11	11/13/2007	Sample	Х	Х
	PW12	11/13/2007	Sample	Х	Х
	PW13	11/13/2007	Sample	Х	Х
	PW14	11/13/2007	Sample	Х	Χ
	PW15	11/13/2007	Sample	Х	Х
	PZ-105	11/12/2007	Sample	Х	Х
	PZ-106	11/13/2007	Sample	Х	Х
	PZ-107	11/12/2007	Sample	Х	Х
	S-3	11/12/2007	Sample	Х	Х
	S-4	11/12/2007	Sample	Х	Х
OOLOMITE PRODUCTS, INC.	QD-1	12/10/2007	Sample	Х	
	QS-4	11/9/2007	Sample	Х	
	QS-4	12/10/2007	Sample	Х	
RIE BARGE CANAL(Samples in canal or					
property along canal)	QO-2	11/9/2007	Sample	X	
	QO-2	12/10/2007		X	
	QO-2	12/10/2007	Sample	Λ	
	QO-2S1	11/9/2007	Sample	Х	
	QO-2S1	12/10/2007		Х	
FORMER GENERAL CIRCUITS(Corner of			<u>'</u>		
Buffalo and Mt Read Blvd.)	MW-16	11/14/2007	Sample	X	
RG & E RIGHT OF WAY	BR-105	11/14/2007		Х	Х
	BR-105D	11/14/2007		Х	Х

# TABLE 2 FALL 2007 GROUNDWATER MONITORING RESULTS CHLOROPYRIDINES

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION:	BR-105	BR-105D	BR-106	BR-126	BR-127	BR-127	BR-5A	BR-6A	BR-7A	BR-9
SAMPLE DATE:	11/14/07	11/14/07	11/14/07	11/13/07	11/13/07	11/13/07	11/13/07	11/12/07	11/13/07	11/13/07
QC TYPE:	Sample	Sample	Sample	Sample	Duplicate	Sample	Sample	Sample	Sample	Sample
BY SW-846 Method 8270C (µg/L)										
2,6-Dichloropyridine	500 U	35 J	1200	530	140 J	500 U	33 J	630	4300	16 J
2-Chloropyridine	900	290	6800	2500	1100	830	170	4700	22000	87
3-Chloropyridine	500 U	17 J	100	500 U	500 U	500 U	48 U	500 U	2500 U	48 U
4-Chloropyridine	500 U	100 U	100 U	500 U	500 U	500 U	48 U	500 U	2500 U	48 U
p-Fluoroaniline	500 U	12 J	190	500 U	500 U	500 U	18 J	500 U	2500 U	48 U
Pyridine	1200 U	250 U	250 U	1200 U	1200 U	1200 U	18 J	1200 U	6200 U	120 U

#### Notes:

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

# TABLE 2 FALL 2007 GROUNDWATER MONITORING RESULTS CHLOROPYRIDINES

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION:	E-1	MW-106	MW-127	MW-16	PW10	PW11	PW12	PW13	PW14	PW15
SAMPLE DATE:	11/12/07	11/14/07	11/13/07	11/14/07	11/29/07	11/13/07	11/13/07	11/13/07	11/13/07	11/13/07
QC TYPE:	Sample									
BY SW-846 Method 8270C (µg/L)										
2,6-Dichloropyridine	10000 U	3200	1200	6 J	600 J	98	1300	310 J	2400 J	100000 U
2-Chloropyridine	41000	11000	5700	6 J	2100	470	2300	2000	42000	380000
3-Chloropyridine	10000 U	2500 U	130	10 U	2000 U	50 U	220 J	500 U	2500 U	100000 U
4-Chloropyridine	10000 U	2500 U	100 U	10 U	2000 U	50 U	1000 U	500 U	2500 U	100000 U
p-Fluoroaniline	10000 U	320 J	8 J	10 U	2000 U	18 J	110 J	500 U	2500 U	100000 U
Pyridine	25000 U	6200 U	250 U	24 U	5000 U	120 U	2500 U	1200 U	6200 U	250000 U

#### Notes:

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

# TABLE 2 FALL 2007 GROUNDWATER MONITORING RESULTS CHLOROPYRIDINES

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION:	PZ-101	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107	S-3	S-4
SAMPLE DATE:	11/13/07	11/13/07	11/13/07	11/13/07	11/12/07	11/13/07	11/12/07	11/12/07	11/12/07
QC TYPE:	Sample								
BY SW-846 Method 8270C (µg/L)									
2,6-Dichloropyridine	78	520	4000	360 J	5000 U	10000	520 J	1100	11
2-Chloropyridine	470	2400	29000	2400	13000	260000	4300	4800	4 J
3-Chloropyridine	48 U	500 U	630 J	500 U	5000 U	4000 J	1000 U	41 J	10 U
4-Chloropyridine	48 U	500 U	1200 U	500 U	5000 U	10000 U	1000 U	100 U	10 U
p-Fluoroaniline	13 J	59 J	730 J	500 U	5000 U	10000 U	1000 U	100 U	10 U
Pyridine	120 U	1200 U	3100 U	1200 U	12000 U	16000 J	2500 U	250 U	24 U

#### Notes:

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

### TABLE 3 FALL 2007 GROUNDWATER MONITORING RESULTS VOLATILE ORGANIC COMPOUNDS

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION:	BR-105	BR-105D	BR-106	BR-126	BR-127	BR-127	BR-5A	BR-6A	BR-7A	BR-9
SAMPLE DATE:	11/14/07	11/14/07	11/14/07	11/13/07	11/13/07	11/13/07	11/13/07	11/12/07	11/13/07	11/13/07
QC TYPE:	Sample	Sample	Sample	Sample	Duplicate	Sample	Sample	Sample	Sample	Sample
VOLATILE ORGANIC COMPOUNDS								-		
BY SW-846 Method 8260/5ML (μg/L)										
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,1-Dichloroethane	1.1 J	2.7 J	5 U	5 U	5 U	5 U	5 U	5 U	2.2 J	12 J
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,2,4-Trimethylbenzene	5 U	0.57 J	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,2-Dichloroethane	5 U	5 U	2.3 J	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,2-Dichloroethene (total)	17	11	1.3 J	1.5 J	28	28	9.4 J	160	4.5 J	300
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
2-Butanone	25 U	25 U	25 U	25 U	50 U	120 U				
2-Hexanone	25 U	25 U	25 U	25 U	50 U	120 U				
4-Methyl-2-pentanone	25 U	25 U	25 U	25 U	50 U	120 U				
Acetone	25 U	25 U	25 U	3 J	50 U	120 U				
Benzene	1.4 J	5.8	26	3.6 J	0.54 J	0.54 J	7.6	1.2 J	14	49
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Bromomethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Carbon disulfide	5 U	5 U	8.3	5 U	5 U	5 U	0.74 J	4.4 J	5.8 J	25 U
Carbon tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	25 U
Chlorobenzene	4.1 J	5 U	270	0.6 J	0.58 J	0.51 J	11	16	150	10 J
Chlorodibromomethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Chloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Chloroform	5 U	5.5	5 U	5 U	5 U	5 U	0.87 J	26	250	25 U
Chloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Ethyl benzene	5 U	0.68 J	0.57 J	5 U	5 U	5 U	5 U	0.68 J	10 U	4.4 J
Methylene chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	110	25 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Tetrachloroethene	1.6 J	5 U	5 U	5 U	5 U	5 U	5 U	8.3	9.3 J	25 U
Toluene	5 U	5 U	7.8	5 U	2.8 J	2.8 J	4 J	3.7 J	4.9 J	2.8 J
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	25 U
Trichloroethene	1.1 J	5 U	5 U	5 U	2.9 J	2.8 J	0.81 J	4.5 J	2.5 J	2.8 J
Vinyl acetate	25 U	25 U	25 U	25 U	50 U	120 U				
Vinyl chloride	15	5 U	5 U	5 U	8.7	8.5	3.1 J	2.3 J	4 J	160
Xylenes, Total	15 U	15 U	2 J	15 U	15 U	15 U	15 U	1.4 J	30 U	75 U

#### Notes

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

### TABLE 3 FALL 2007 GROUNDWATER MONITORING RESULTS VOLATILE ORGANIC COMPOUNDS

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION:	E-1	MW-106	MW-127	PW10	PW11	PW12	PW13	PW14	PW15	PZ-101
SAMPLE DATE:	11/12/07	11/14/07	11/13/07	11/29/07	11/13/07	11/13/07	11/13/07	11/13/07	11/13/07	11/13/07
QC TYPE:	Sample									
VOLATILE ORGANIC COMPOUNDS										
BY SW-846 Method 8260/5ML (μg/L)										
1,1,1-Trichloroethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,1,2,2-Tetrachloroethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,1,2-Trichloroethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,1-Dichloroethane	50 U	5 U	5 U	5 U	9.5 J	1000 U	3.6 J	250 U	400 U	5 U
1,1-Dichloroethene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,2,4-Trimethylbenzene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,2-Dichloroethane	50 U	1.6 J	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,2-Dichloroethene (total)	38 J	2.2 J	10 U	1.8 J	190	2000 U	4 J	500 U	800 U	0.76 J
1,2-Dichloropropane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
1,3,5-Trimethylbenzene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
2-Butanone	250 U	25 U	25 U	25 U	100 U	5000 U	50 U	1200 U	2000 U	25 U
2-Hexanone	250 U	25 U	25 U	25 U	100 U	5000 U	50 U	1200 U	2000 U	25 U
4-Methyl-2-pentanone	250 U	25 U	25 U	25 U	100 U	5000 U	50 U	1200 U	2000 U	25 U
Acetone	250 U	25 U	25 U	25 U	100 U	5000 U	50 U	1200 U	300 J	25 U
Benzene	8.8 J	46	0.65 J	0.79 J	33	1000 U	10	250 U	400 U	5.4
Bromodichloromethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Bromoform	50 U	5 U	5 U	2.6 J	20 U	1000 U	10 U	84 J	400 U	5 U
Bromomethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Carbon disulfide	50 U	2.9 J	5 U	5 U	20 U	1000 U	1.4 J	1500	450	5 U
Carbon tetrachloride	50 U	5 U	5 U	96	20 U	1000 U	10 U	3700	260 J	5 U
Chlorobenzene	29 J	460	0.6 J	4.5 J	290	7500	64	250 U	64 J	52
Chlorodibromomethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Chloroethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Chloroform	97	5 U	5 U	62	2.3 J	240 J	300	6600	4000	5 U
Chloromethane	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
cis-1,3-Dichloropropene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Ethyl benzene	50 U	0.84 J	5 U	1 J	3.5 J	820 J	10 U	250 U	400 U	5 U
Methylene chloride	50 U	5 U	5 U	5 U	20 U	1000 U	84	370	550	5 U
Styrene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Tetrachloroethene	50 U	5 U	5 U	91	20 U	1000 U	8.8 J	300	690	5 U
Toluene	50 U	3.3 J	5 U	3.7 J	3.8 J	13000	3 J	91 J	180 J	5 U
trans-1,3-Dichloropropene	50 U	5 U	5 U	5 U	20 U	1000 U	10 U	250 U	400 U	5 U
Trichloroethene	50 U	5 U	5 U	27	20 U	1000 U	1.5 J	250 U	69 J	5 U
Vinyl acetate	250 U	25 U	25 U	25 U	100 U	5000 U	50 U	1200 U	2000 U	25 U
Vinyl chloride	22 J	5 U	5 U	1.8 J	96	1000 U	8.8 J	250 U	400 U	5 U
Xylenes, Total	150 U	2.6 J	15 U	6.8 J	60 U	4700	30 U	750 U	1200 U	15 U

#### Notes

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

### TABLE 3 FALL 2007 GROUNDWATER MONITORING RESULTS VOLATILE ORGANIC COMPOUNDS

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION	PZ-102	PZ-103	PZ-104	PZ-105	PZ-106	PZ-107	S-3	S-4
SAMPLE DATE	11/13/07	11/13/07	11/13/07	11/12/07	11/13/07	11/12/07	11/12/07	11/12/07
QC TYPE:	Sample							
VOLATILE ORGANIC COMPOUNDS								
BY SW-846 Method 8260/5ML (µg/L)								
1,1,1-Trichloroethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,1,2,2-Tetrachloroethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,1,2-Trichloroethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,1-Dichloroethane	20 U	50 U	5 U	20 U	10000 U	25 U	1.4 J	5 U
1,1-Dichloroethene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,2,4-Trimethylbenzene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,2-Dichloroethane	20 U	9.6 J	5 U	20 U	10000 U	25 U	10 U	5 U
1,2-Dichloroethene (total)	40 U	100 U	1.1 J	40 U	20000 U	13 J	7.7 J	10 U
1,2-Dichloropropane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
1,3,5-Trimethylbenzene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
2-Butanone	100 U	250 U	25 U	100 U	50000 U	120 U	50 U	25 U
2-Hexanone	100 U	250 U	25 U	100 U	50000 U	120 U	50 U	25 U
4-Methyl-2-pentanone	100 U	250 U	25 U	100 U	50000 U	120 U	50 U	25 U
Acetone	100 U	250 U	25 U	100 U	50000 U	120 U	50 U	25 U
Benzene	20	80	2.2 J	9.4 J	10000 U	25 U	10 U	5 U
Bromodichloromethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Bromoform	20 U	50 U	5 U	20 U	1700 J	25 U	10 U	5 U
Bromomethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Carbon disulfide	2.6 J	46 J	0.54 J	19 J	37000	25 U	10 U	5 U
Carbon tetrachloride	20 U	50 U	5 U	20 U	39000	25 U	10 U	5 U
Chlorobenzene	340	1200	6.8	130	10000 U	25 U	15	5 U
Chlorodibromomethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Chloroethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Chloroform	4 J	50 U	5 U	4.8 J	110000	25 U	2.1 J	5 U
Chloromethane	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
cis-1,3-Dichloropropene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Ethyl benzene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Methylene chloride	4.1 J	12 J	5 U	20 U	10000 U	25 U	10 U	5 U
Styrene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Tetrachloroethene	20 U	50 U	5 U	20 U	1800 J	25 U	10 U	5 U
Toluene	7.4 J	63	5 U	2.4 J	10000 U	3 J	10 U	5 U
trans-1,3-Dichloropropene	20 U	50 U	5 U	20 U	10000 U	25 U	10 U	5 U
Trichloroethene	20 U	50 U	5 U	20 U	10000 U	6.9 J	10 U	5 U
Vinyl acetate	100 U	250 U	25 U	100 U	50000 U	120 U	50 U	25 U
Vinyl chloride	20 U	50 U	5 U	20 U	10000 U	8.8 J	4.2 J	5 U
Xylenes, Total	60 U	150 U	15 U	60 U	30000 U	75 U	30 U	15 U

#### Notes:

- U = Compound not detected; value represents sample quantitation limit.
- J = Estimated value.

# TABLE 4 COMPARISON OF FALL 2007 CHLOROPYRIDINES AND VOLATILE ORGANICS CONCENTRATIONS IN GROUNDWATER TO PREVIOUS RESULTS (ug/L)

### ARCH ROCHESTER SEMI-ANNUAL GROUNDWATER MONITORING REPORT

WELL	SEI	ECTED CHLO	ROPYRIDINI	ES				
	# EVENTS IN	HISTORIC	5-YEAR	NOV-2007	# EVENTS	HISTORIC	5-YEAR	NOV-2007
	PRIOR 5 YRS	MAXIMUM	MEAN	RESULT	<b>IN PRIOR 5</b>	MAXIMUM	MEAN	RESULT
					YRS			
ON-SITE W	/ELLS/LOCATIO	NS						
B-17	5	28,000,000	310,000		5	345,000	21,000	
B-7	5	9,100	2,700		2	256	28	
BR-127	6	4,700	2,600	830	6	3	2	2.8
BR-3	4	6,500,000	80,000		5	920,000	450,000	
BR-5A	10	1,700	590	240	10	9,400	69	1.7
BR-6A	10	144,500	21,000	5,300	10	26,000	4,400	39
BR-7A	10	510,000	12,000	26,000	10	3,000	290	380
BR-8	5	57,000	290		2	6,900	5.2	
BR-9	10	720	190	100	10	160	20	2.8
E-1	10	171,680	52,000	41,000	10	5,300	32	97
E-3	5	600	100		5	12,000	ND	
MW-127	6	15,000	6,300	7,000	3	180	30	ND
PW10	10	244,000	120,000	2,700	10	120,000	18,000	280
PW11	10	27,000	1,900	590	11	30,000	6,400	2.3
PW12	10	15,000	3,500	3,900	10	120,000	1,600	240
PW13	6	7,500	2,100	2,300	5	920	230	390
PW14	5	29,000	24,000	44,000	5	160,000	45,000	11,000
PW15	1	729,000	729,000	380,000	1	7,800	7800	5,600
PZ-105	7	190,000	8,300	13,000	4	9,700	790	4.8
PZ-106	7	124,000	32,000	290,000	7	1,359,000	660,000	150,000
PZ-107	10	11,000	5,900	4,800	10	12,000	170	6.9
S-3	10	21,000	7,700	5,900	10	2,500	83	2.1
S-4	10	3,200	150	15	2	870	2.3	ND
	WELLS/LOCATI		•					
BR-103	2	400	11		2	38	7.6	
BR-104	3	3,100	5.4		9	9	NA	
BR-105	9	24,000	1,000	900	10	310	4	2.7
BR-105D	10	10,000	1,500	350	_	230	5.5	5.5
BR-106	9	24,600	4,300	8,300	5	6,300	330	ND
BR-108	4	1,700	29			ND		
BR-112D	5	310	27			4.3		
BR-113D	5	490	36		0	2.8	0.05	
BR-114	5	521	240		3	12	0.35	
BR-116	1	12	ND			84		
BR-116D	3	710	19			120		
BR-117D	5	80	13			1.9		
BR-118D	4	330	89			6.6		
BR-122D	4	650	140			ND		
BR-123D	5	860	110	2.000	4	4	4.40	N I P
BR-126	4	NA	5100	3,000	4	230	140	ND
MW-103	2	82	19		2	750	17	
MW-104	4	180	4			1		

# TABLE 4 COMPARISON OF FALL 2007 CHLOROPYRIDINES AND VOLATILE ORGANICS CONCENTRATIONS IN GROUNDWATER TO PREVIOUS RESULTS (ug/L)

### ARCH ROCHESTER SEMI-ANNUAL GROUNDWATER MONITORING REPORT

WELL	SEL	ECTED CHLO	ROPYRIDIN	SELECTED VOCs								
	# EVENTS IN	HISTORIC	5-YEAR	NOV-2007	# EVENTS	HISTORIC	5-YEAR	NOV-2007				
	PRIOR 5 YRS	MAXIMUM	MEAN	RESULT	<b>IN PRIOR 5</b>	MAXIMUM	MEAN	RESULT				
					YRS							
MW-106	10	130,000	7,000	15,000	6	453	46	ND				
MW-114	1	18	ND		5	19	17					
MW-126	1	NA	63		1	ND	ND					
MW-16	5	360	150	12	1	8	8					
NESS-E	5	5,000	260			700						
NESS-W	4	2,100	130			89						
PZ-101	10	27,000	620	560	4	6.1	1	ND				
PZ-102	10	58,000	2,000	3,000	5	10,000	2.7	8.1				
PZ-103	10	73,000	5,400	34,000	6	44,300	7,200	12				
PZ-104	10	9,100	3,100	2,800	4	40	1.3	ND				
QD-1	3	ND	2	2	1	ND	ND					
QO-2*	5	380	2.7	ND	1	ND	ND					
QO-2S1*	2	27	0.05	2	1	ND	ND					
QS-4*	13	3,400	260	240	1	ND	ND					

#### Note:

- 1) Number of samples and mean reflect 5-year sampling period from November 2002 through June 2007. Historic maximum based on all available results from March 1990 through June 2007.
- 2) Chloropyridines represented by: 2-Chloropyridine, 2,6-Dichloropyridine, and 3-Chloropyridine, 4-Chloropyridine, p-Fluoroaniline, and Pyridine.
- Selected VOCs represented by Carbon Tetrachloride, Chloroform, Methylene Chloride, Tetrachloroethene, and Trichloroethene.
- 4) Bold and shade November 2007 exceeds 5-year mean.
- 5) NA = Not analyzed or not applicable

ND = Not detected

BLANK = Not sampled

\* Results for December 2007 for QO-2, QOS1, and QS-4.

# TABLE 5 FALL 2007 QUARRY SEEP AND OUTFALL WATER SAMPLE RESULTS VOLATILE ORGANIC COMPOUNDS

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

LOCATION	QS-4	QS-4	1	QD-1		QO-2	)	QO-2	)	QO-2S	1	QO-25	31
DATE	11/9/2007	7 12/10/2	007	12/10/200	7	11/9/20	07	12/10/20	007	11/9/20	07	12/10/20	007
SAMPLE ID	Sample	Samp	le	Sample		Sampl	е	Sampl	е	Sample	е	Samp	le
SELECTED CHLOROPYRIDINES													
BY SW-846 Method 8270C (µg/L)													
2,6-Dichloropyridine	41 J	40		9 U		3	J	9	U	10	U	10	U
2-Chloropyridine	190	200		2 J		4	J	9	U	10	U	2	J
3-Chloropyridine	47 U	9	U	9 U		9	U	9	U	10	U	10	U
4-Chloropyridine	47 U	9	U	9 U		9	U	9	U	10	U	10	U
p-Fluoroaniline	47 U	1	J	9 U		9	U	9	U	10	U	10	U
Pyridine	120 U	24	U	24 U		24	U	24	U	24	U	24	U

#### Notes:

U = Compound not detected; value represents sample quantitation limit.

J = Estimated value.

TABLE 6
EXTRACTION WELL WEEKLY FLOW MEASUREMENTS - JUNE 2007 THROUGH NOVEMBER 2007

### ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

Week	BR-5A	BR-7A	BR-9 [Gal./Wk.]	PW-11	PW-13	PW-14 [Gal./Wk.]	Total
Ending	[Gal./Wk.]	[Gal./Wk.]	[Gai./vvk.]	[Gal./Wk.]	[Gal./Wk.]	[Gai./WK.]	[Gal.]
Jun '07	F 040 *	E 4 70E	00.004	40 777 *	E0 400 *	_	040.054
06/06/07	5,040 *	54,705	89,924	19,777 *	50,400 *	5	219,851
06/13/07	3,914 *	74,727	127,782	43,154	50,400 * 24,009 *	454	300,431
06/20/07 06/27/07	11,495 * 54,460 *	63,046 75,585	127,278 123,072	46,981 32,066 *	24,009 55,534	461 12,912	273,270 353,629
00/27/07	34,400	73,363	123,072	32,000	33,334		
						Total [Gal.]	<u>1,147,181</u>
Jul '07							
07/04/07	52,275	70,442	105,838	20,160 *	60,425	10,238	319,378
07/11/07	49,765 *	52,019 *	61,476	20,160 *	58,344 *	2,275	244,039
07/18/07	51,773 *	49,440 *	47,785 *	20,160 *	62,988	1,084	233,230
07/25/07	56,648 *	26,448	45,603 *	20,160 *	63,439	2,568	214,866
						Total [Gal.]	1,011,513
Aug '07							
08/01/07	50,400	56,172	42,506	20,160 *	73,439 *	4,173	246,850
08/08/07	52,124	68,676	79,416	20,160 *	65,158	2,970	288,504
08/15/07	50,760	60,187	90,810	21,152 *	52,210	11,509	286,628
08/22/07	52,932	63,465	90,296	20,623 *	56,795	6,184	290,295
08/29/07	50,605	61,166	89,173	19,474	56,519	7,436	284,373
						Total [Gal.]	<u>1,396,650</u>
Sep '07							
09/05/07	15,086	60,530	83,267	10,569	53,710	8,343	231,505
09/12/07	42,350	59,128	86,665	32,127	57,124	7,300	284,694
09/19/07	30,066	49,728	72,462	29,507	57,557	5,876	245,196
09/26/07	52,453	39,141	109,491	38,777	65,998	7,500	313,360
						Total [Gal.]	<u>1,074,755</u>
Oct '07							
10/03/07	37,121	54,137	97,733	17,639	65,167	5,946	277,743
10/10/07	24,580	57,361	91,154	15,158	62,792	6,387	257,432
10/17/07	51,017	51,455	93,697	10,561	72,799	7,776 *	287,305
10/24/07	41,037	55,624	95,960	15,531	56,475	11,363	275,990
10/31/07	43,211	55,158	81,943	16,444	51,277	11,359	259,392
						Total [Gal.]	1,352,498
Nov '07							
11/07/07	51,781	88,450	78,102	1,959	43,617	13,985	277,894
11/14/07	48,997	85,555	90,770	4,160	32,785	14,102	276,369
11/21/07	47,318	76,964	85,920	2,315	38,585	11,279	262,381
11/28/07	46,505	60,612	58,146	20,161	14,506	9,674	209,604
1 22,20,07	. 3,000	33,012	55,110	_3,.0.	,000	Total [Gal.]	748,354
Total 6 Mo.							
Removal							
(Gal.)	1,073,713	1,569,921	2,246,269	539,095	1,402,052	183,159	7,014,209
( <b>-</b> a)	1,010,110	1,000,021	_,5,200	555,000	1,102,002	100,100	1,017,200

Notes:

<sup>1) \* -</sup> Flow rate is estimated due to a meter failure

### **TABLE 7**

### MASS REMOVAL SUMMARY PERIOD: JUNE 2007 - NOVEMBER 2007

### ARCH ROCHESTER FALL 2007 GROUNDWATER MONITORING REPORT

Well	Total Vol. Pumped (gallons)	, , ,		VOCs Removed (pounds)	PYR. Removed (pounds)
BR-5A	1,074,000	0.004	0.26	0.03	2.3
BR-7A	1,570,000	0.237	22.7	3.1	296
BR-9	2,246,000	0.011	0.21	0.21	3.9
PW-11	539,000	0.006	1.1	0.0	4.8
PW-13	1,402,000	0.197	2.0	2.3	24
PW-14	183,000	7.5	41	11	63
Totals:	7,014,000			17	394

Note: VOC and pyridine concentrations used in this table are an average of the analytical results from the Spring 2007 and Fall 2007 sampling events for each well

### TABLE 8 2008 SAMPLING SCHEDULE ARCH CHEMICALS, INC. ROCHESTER, NEW YORK

ARCH ROCHEST	ER							2	800		
MONITORING PR	OGRAM					SPRING		FALL		TOTAL	
							Pyridines VOCs		vocs	Pyridines	
055 055	Well	zone	area	Frequency/Parameters	Purpose			Pyridines	×	_	VOCs
OFF-SITE MONITORING	MW-103 BR-103	OB BR		annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
WONTOKING	MW-103	OB		annual monitoring, VOCs & PYR annual monitoring, PYR	trend monitoring trend monitoring		'			1	0
	BR-104	BR		annual monitoring, PYR	trend monitoring					1	0
	BR-105	BR	AID-HOSP	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	BR-105D	BR deep	AID-HOSP	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	MW-106	ОВ	AID-HOSP	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	BR-106	BR	AID-HOSP	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	BR-108	BR	AID-HOSP	annual monitoring, PYR	trend monitoring	1				1	0
	BR-112D	BR deep	NYSDOT	annual monitoring, PYR	trend monitoring	1				1	0
	BR-113D	BR deep	NYSDOT	annual monitoring, PYR	trend monitoring	1				1	0
	MW-114	OB	JACKSON	annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
	BR-114	BR	JACKSON	annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
	BR-116	BR	PFAUDLER	annual monitoring, PYR	trend monitoring	1				1	0
	BR-116D	BR deep		annual monitoring, PYR	trend monitoring	1				1	0
	BR-117D	BR deep	QUARRY	annual monitoring, PYR	trend monitoring	1				1	0
	BR-118D	BR deep	QUARRY	annual monitoring, PYR	trend monitoring	1				1	0
	BR-122D	BR deep	QUARRY	annual monitoring, PYR	trend monitoring	1				1	0
	BR-123D	BR deep	QUARRY	annual monitoring, PYR	trend monitoring	1				1	0
	NESS-E	BR deep	NESS	annual monitoring, PYR	trend monitoring					1	_
	NESS-W PZ-101	BR deep BR	NESS McKee Rd	annual monitoring, PYR	trend monitoring perimeter sentinel/trend monitoring		1	1	1	1 2	0 2
	PZ-101 PZ-102	BR	McKee Rd	semi-annual monitoring, VOCs & PYR semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring		1	1	1	2	2
	PZ-102	BR	McKee Rd	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring		1	1	1	2	2
	PZ-103	BR	ALH	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring		1	1	1	2	2
	MW-126	OB	ALH	semi-annual monitoring, VOCs & PYR	trend monitoring		1	1	1	2	2
	BR-126	BR	ALH	semi-annual monitoring, VOCs & PYR	trend monitoring	1	1	1	1	2	2
	MW-16	BR		annual monitoring, PYR	trend monitoring	1		1		1	0
ON-SITE	PZ-107	BR	ON-SITE	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
MONITORING	PZ-106	BR	ON-SITE	semi-annual monitoring, VOCs & PYR	trend monitoring	1	1	1	1	2	2
	PZ-105	BR	ON-SITE	semi-annual monitoring, VOCs & PYR	trend monitoring	1	1	1	1	2	2
	BR-127	BR	ON-SITE	semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	BR-3	BR	ON-SITE	annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
	BR-8	BR	ON-SITE	annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
	BR-9	pumping well	ON-SITE	semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring	1	1	1	1	2	2
	BR-5A	pumping well	ON-SITE	semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring	1	1	1	1	2	2
	BR-6A	BR	ON-SITE	semi-annual monitoring, VOCs & PYR	trend monitoring	1	1	1	1	2	2
	BR-7A	pumping well	ON-SITE	semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring	1	1	1	1	2	2
	B-17	OB	ON-SITE	annual monitoring, VOCs & PYR	trend monitoring	1	1			1	1
	B-7	OB	ON-SITE	annual monitoring, VOCs & PYR	trend monitoring	1	1	١.,		1	1
	S-3 S-4	OB OB	ON-SITE ON-SITE	semi-annual monitoring, VOCs & PYR	continue until replaced by trench	1	1	1	1	2	2
		-		9.	continue until replaced by trench				1		
	E-1 E-3	OB OB	ON-SITE	semi-annual monitoring, VOCs & PYR	continue until replaced by trench	1	1	1	'	2	2
			ON-SITE ON-SITE	annual monitoring, VOCs & PYR	trend monitoring	1	1	,	4	1	1
	MW-127	OB		semi-annual monitoring, VOCs & PYR	perimeter sentinel/trend monitoring	1	1	1	1	2	2
	PW10 PW11	pumping well	ON-SITE ON-SITE	semi-annual monitoring, VOCs & PYR	trend monitoring	1	1	1	1 1	2	2
	PW11 PW12	pumping well BR	ON-SITE ON-SITE	semi-annual monitoring, VOCs & PYR semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring trend monitoring	1	1	1	1	2	2
	PW12	pumping well	ON-SITE	semi-annual monitoring, VOCs & FYR	mass removal/trend monitoring		1	1	1	2	2
	PW13 PW14	pumping well	ON-SITE	semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring		1	1	1	2	2
	PW15	pumping well	ON-SITE	semi-annual monitoring, VOCs & PYR	mass removal/trend monitoring		1	1	1	2	2
QUARRY/CANAL	QS-4	quarry seep	QUARRY	semi-annual monitoring, PYR	trend monitoring	1	Ė	1		2	0
MONITORING	QD-1	quarry ditch	DITCH	semi-annual monitoring, PYR	trend monitoring		1	1		2	0
	QO-2	quarry outfall	DITCH	semi-annual monitoring, PYR	trend monitoring			1		2	0
	QO-2S1	canal at outfall	CANAL	semi-annual monitoring, PYR	surface water monitoring	1		1		2	0
TOTAL SAMP						54	37	33	28	87	65

Revised: 12/10/07

# Appendix A Groundwater Field Sampling Data Sheets



#### FIELD REPORT

### REMEDIAL INVESTIGATION SAMPLING ARCH CHEMICAL ROCHESTER, NEW YORK

FALL 2007 Event

Prepared For:

MacTec, Inc. 511 Congress Street Portland, Maine 04101

Attention: Mr. Nelson Breton

Prepared By:

TEST AMERICA LABORATORIES, INC.

Audubon Business Center 10 Hazelwood Drive Amherst, New York 14228-2298

NY5A5762

Written By:

Roger Senf

Reviewed By:

Date:

#### 1.0 INTRODUCTION

This report describes the sampling of the following points:

- Twenty-eight (28) groundwater samples (MW-126 not located)
- One (1) barge canal sample
- One (2) quarry outfall samples
- One (1) quarry seep/pond sample

These activities were in support of the Phase II Remediation Investigation being conducted at the Arch Chemical facility in Rochester, New York. The samples were collected from November 9- December 10, 2007 by Test America Laboratories, Inc. (TAL) personnel.

#### 2.0 METHODOLOGIES

#### 2.1 Water Level Measurements

Static water levels in all groundwater wells were measured from the top of the well casing/riser with an electronic water level indicator. All well bottoms were sounded with the weighted steel measuring tape. All measurements were recorded to the nearest hundredth of a foot (0.01 feet). The length of the measuring device which contacted the water was cleaned between wells with a deionized water rinse and paper towel wipe. These data are presented on Sampling Summary Table and Field Observation forms.

#### 2.2 Well Purging

Monitoring wells were evacuated prior to sampling employing one of the following methods:

- Purging three (3) times the standing water volume using precleaned or dedicated 1.25" X
   stainless steel bailers, 2" X 5' polyvinyl chloride bailers, peristaltic pump or QED
   Low-Flow Bladder pumps.
- 2) Evacuated with the low flow/low stress puring technique using either QED Low-Flow Bladder pumps or a variable rate peristaltic pump.

Wells that were purged of three (3) standing volumes were mainly wells located on or very near the Erie Canal and historically purged with this method prior to sampling. The remaining wells were evacuated with a low flow/low stress purging technique. This technique involves the use of a variable flow rate bladder or peristaltic pump. The pumps were employed to purge the monitoring wells at a flow rate such that drawdown of the water column from static conditions is minimal. Field measurements of pH, specific

conductance, temperature, ORP, dissolved oxygen and turbidity are monitored every 3-5 minutes until stabilization of parameters is realized. Once stabilization has occurred, sampling can be conducted. All purged water was collected into 55-gallon drums for disposal at the on-site wastewater treatment facility. Data pertaining to each evacuation are presented on the Sampling Summary Table and field Observation Forms.

### 2.3 Surface Water Samples

Surface water samples were collected from one (1) location on the Erie Barge Canal, one (1) outfall sample and one (1) seep location. Sample locations were noted on the Field Forms.

### 3.0 SAMPLING

#### 3.1 Monitoring Wells

All groundwater wells were sampled using precleaned or dedicated 1.25" X 1.25" X 5' stainless steel bailers, perisaltic pumps or bladder (SamplePro) pumps when low flow purging techniques were used. Each bailer was constructed with teflon, bottom-filling check valve and was assembled without glues or welds. New ¼" poly rope was attached to each bailer. The bailer was slowly lowered into the water column, minimizing agitation and devolatilization. Low density polyethylene (LDPE) tubing was used with both the bladder (QED) and the peristaltic pumps. The bladder pumps were decontaminated between sample locations in accordance with the work plan. Personnel exercised care in all aspects of the sampling to ensure the collection of a representative sample An additional sample container was collected from each well in order to facilitate the measurement of field analytical parameters. Data pertaining to sampling are presented on the Sampling Summary Table and the Field Observation Forms.

#### 3.2 Canal Sampling

When possible, samples were collected directly from the canal into appropriate sample containers. Otherwise, samples were collected with the use of a unique, laboratory-cleaned stainless steel bailer. The bailers were immersed just below the surface and removed. Sample was poured directly into the appropriate container. An additional container was collected to facilitate the measurement of field parameters. Additional data pertaining to these samples is presented in the Sampling Summary Table and Field Observation Forms.

### 3.3 Seep Sampling

Groundwater samples were collected from seeps at the quarry (QS4) located on Buffalo Road. The samples were collected with the use of a laboratory cleaned stainless steel bucket

and was then poured directly into the appropriate containers. An additional container was collected to facilitate the measurement of field parameters. Data pertaining to this sampling is presented in the Sampling Summary Table and Field Observation Forms.

#### 4.0 SAMPLE CONTAINERS

Monitoring wells and surface water samples requiring analysis for volatile organics were collected into 40 ml glass vials with teflon septa. Samples for semi-volatile and Pyridine analysis were collected into one (1) liter amber glass bottles with teflon-lined caps. All bottles were purchased new and cleaned (Protocol A, 300 series) from Environmental Supply Services. Each container was labeled with the following information:

- Sample Identification (Well/Point I.D.)
- Date
- Project Number
- Sampler's Initials

#### 5.0 FIELD MEASUREMENTS

On-site field measurements were made of each sample's pH, specific conductance and temperature. All measurements were made in accordance with protocols outlined in Methods for Chemical Analysis of Water and Wastes (EPA – 600/4-79-9020). These data were presented on the Sampling Summary Table and Field Observation Forms.

#### 6.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

### 6.1 Trip Blanks

Trip blanks were collected with each sample shipment requiring volatile organic analysis. Each trip blank consisted of two 40 ml glass vials with teflon septa which were filled with deionized water at the TAL laboratory. These blanks were transported to the site, stored with field collected samples and submitted to the TAL facility for analysis.

#### 6.2 Equipment Rinse Blank

Equipment rinse blanks were collected as required by the work plan.

#### 7.0 CHAIN OF CUSTODY

Chain of custody was initiated at the time of sample collection and maintained through delivery to the TAL facility in Amherst, New York. Copies of these documents are included in the analytical report package.

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### Sampling Summary Table MacTec, Inc. NOVEMBER 2007

RI SAMPLING/ROCHESTER NY FACILITY

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Sample Point	Water Level Date Time	Water Level (ft)*	Water Elevation (ft)**	Bottom Of Well (ft)*	Field Measur Date	ements Time	pH (STD) (Units)	Spec. Cond. (umhos)	Temp (°C)	Turb. (NTU)	Other Field Measure	ments
BR-105	11/14/2007 1255	23.98	N/A	N/A	11/14/2007	1320	7.01	1570	13.4	9.74	EH(mv)= -253	DO(ppm)= 1.54
BR-105D	Comments: CLEAR 11/14/2007 1207 Comments: CLEAR	24.58	N/A	N/A	11/14/2007	1235	7.11	21250	13.1	1.30	EH(mv)= -309	DO(ppm)= 0.74
BR-106	11/14/2007 1107 Comments: CLEAR	23.93	N/A	N/A	11/14/2007	1130	7.17	4250	12.7	12.70	EH(m∨)≂ -243	DO(ppm)= 0.77
BR-126	11/13/2007 1051 Comments: SL.TUR	15.07 BID	N/A	N/A	11/13/2007	1125	7.24	1273	14.4	32.30	EH(mv)= ~193	DO(ppm)= 0.99
BR-127	11/13/2007 1025 Comments: CLEAR	4.94 BLACK SPE	N/A CKS	N/A	11/13/2007	1050	7.97	2380	14.4	5.62	EH(mv)= -224	DO(ppm)= 0.93
BR-127	11/13/2007 1025 Comments: CLEAR	4.94 BLACK SPE	N/A CKS/FIELD D	N/A UP	11/13/2007	1052	7.98	2377	14.4	5.51	EH(mv)= -225	DO(ppm)= 0.90
BR-5A	11/13/2007 1315 Comments: SL. TU	25.91 RBID	N/A	N/A	11/13/2007	1317	8.69	1827	16.2	38.90	EH(mv)= -95	
8R-6A	11/12/2007 1133	10.68	N/A	N/A	11/12/2007	1155	8.23	N/A	N/A	N/A		
BR-7A	11/13/2007 1400 Comments: CLEAR	31.08 GREY SPEC	N/A :KS	N/A	11/13/2007	1404	7.57	2549	15.6	17.60	EH(mv)= -171	
BR-9	11/13/2007 1355 Comments: CLEAR	24.82	N/A	N/A	11/13/2007	1357	7.59	2299	14.7	8.69	EH(mv)= -112	
E-1	11/12/2007 1348 Comments: GREY/	1.98 ODER	N/A	N/A	11/12/2007	1415	8.86	9027	9.7	15.61	EH(mv)= -273	DO(ppm)= 0.86
MW-106	11/14/2007 1030 Comments: CLEAR	12.02	N/A	N/A	11/14/2007	1055	6.94	5652	14.8	13.40	EH(mv)= -203	DO(ppm)= 1.17
MW-127	11/13/2007 1057 Comments: CLEAR	5.52	N/A	N/A	11/13/2007	1130	7.70	4476	14.0	2.37	EH(mv)= -155	DO(ppm)= 0.93
MW-16	11/14/2007 1335 Comments: CLEAR	12.42	N/A	N/A	11/14/2007	1400	6.95	3071	16.7	2.76	EH(mv)= -191	DO(ppm)≂ 0.88
PW-10	11/29/2007 1313 Comments: AMBER	7.21 TINT	N/A	N/A	11/29/2007	1345	7.17	4420	14.7	58.20	EH(mv)= 24	08.0 =(mqq)OO
PW-11	11/13/2007 1030	18.08	N/A	N/A	11/13/2007	1033	7.06	2966	14.5	22.10	EH(m∨)= -144	

Comments: CLEAR

SG - Specific Gravity

<sup>\*</sup> From Top of Riser

EH - Redox

<sup>\*\*</sup> Elevation Above Sea Level

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RI SAMPLING/ROCHESTER NY FACILITY

Sample	Water Level	Water	Water	Bottom	Field Measur	ements	рн	Spec.				
Point	Date Time	Level (ft)*	Elevation (ft)**	Of Well (ft)*	Date	Time	(STD) (Units)	Cond. (umhos)	Temp (°C)	Turb. (NTU)	Other Field Measure	ments
PW-12(BR-101)	11/13/2007 1323	6.29	N/A	N/A	11/13/2007	1345	7.46	3192	16.0	8.64	EH(mv)= -116	DO(ppm)= 0.95
PW-13	Comments: CLEAR 11/13/2007 1415 Comments: CLEAR	28.34	N/A	N/A	11/13/2007	1417	7.54	2851	14.3	2.85	EH(mv)= -185	
PW-14	11/13/2007 1300 Comments: AMBER S	21.48 SL TURBIO	•	N/A	11/13/2007	1302	8.85	5822	14.6	32.90	EH(mv)= -185	
PW-15	11/13/2007 1148 Comments: CLEAR /	7.40		N/A	11/13/2007	1215	10.41	11490	14.5	3.20	EH(mv)= -304	00(ppm)= 0.94
PZ-101	11/13/2007 1401 Comments: CLEAR	14.75	N/A	N/A	11/13/2007	1430	7.38	6086	12.8	5.03	EH(mv)= ~153	DO(ppm)= 1.17
PZ-102	11/13/2007 1310 Comments: CLEAR	19.10	N/A	N/A	11/13/2007	1335	7.45	5231	13.6	2.63	EH(mv)= -204	DO(ppm)= 0.88
PZ-103	11/13/2007 1223 Comments: CLEAR	12.99	N/A	N/A	11/13/2007	1250	7.06	5029	15.3	2.05	EH(mv)= -244	DO(ppm)= 1.01
PZ-104	11/13/2007 1142 Comments: CLEAR	14.60	N/A	N/A	11/13/2007	1205	7.08	1516	16.7	2.26	EH(mv)= -218	DO(ppm)= 0.96
PZ-105	11/12/2007 1047 Comments: CLEAR	8.04	N/A	N/A	11/12/2007	1110	7.65	3020	15.3	50.00	EH(mv)= -89	DO(ppm)= 1.15
PZ-106	11/13/2007 1227 Comments: YELLOW	10.01	N/A	N/A	11/13/2007	1250	7.54	9861	14.3	33.00	EH(mv)= -163	DO(ppm)= 0.90
PZ-107	11/12/2007 1242 Comments: CLEAR	7.28	N/A	N/A	11/12/2007	1305	7.68	2234	14.6	1.98	EH(mv)= -209	DO(ppm)= 0.84
QD-1	12/10/2007 1245 Comments: CLEAR	0.00	N/A	N/A	12/10/2007	1250	7.36	1511	8.7	N/A		
QO-2	11/09/2007 1600 Comments: CLEAR	0.00	N/A	N/A	11/09/2007	1610	7.97	2336	11.0	N/A		
QO-2	12/10/2007 1215 Comments: CLEAR	0.00	N/A	N/A	12/10/2007	1218	7.20	1982	8.0	N/A		
Q0-2\$1	11/09/2007 1625 Comments: CLEAR	0.00	N/A	N/A	11/09/2007	1630	7.90	515	10.3	N/A		
QO-2S1	12/10/2007 1210 Comments: CLEAR	0.00	N/A	N/A	12/10/2007	1213	7.32	583	2.7	N/A		

SG - Specific Gravity

<sup>\*</sup> From Top of Riser

EH - Redox

<sup>\*\*</sup> Elevation Above Sea Level

DO - Dissolved Oxygen

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Sampling Summary Table MacTec, Inc. NOVEMBER 2007

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#### RI SAMPLING/ROCHESTER NY FACILITY

Sample	Water Level	Water	Water	Bottom	Field Measur	rements	рH	Spec.				
Point	Date Time	Level	Elevation	Of Well	Date	Time	(STD)	Cond.	Temp	Turb.		
		(ft)*	(ft)**	(ft)*			(Units)	(umhos)	(°C)	(NTU)	Other Field Measuremer	its
QS-4	11/09/2007 1540	0.00	N/A	N/A	11/09/2007	1550	8.09	1611	10.7	N/A		
	Comments: CLEAR											
QS-4	12/10/2007 1125	0.00	N/A	N/A	12/10/2007	1130	7.10	1382	9.2	N/A		
	Comments: CLEAR											
s-3	11/12/2007 1211	2.70	N/A	N/A	11/12/2007	1235	7.69	2386	10.8	3.92	EH(mv)= -3	DO(ppm)= 1.06
	Comments: CLEAR	BLACK TIN	łΤ									
\$-4	11/12/2007 1313	0.81	N/A	N/A	11/12/2007	1340	7.68	843	12.4	15.72	EH(mv)= -60	DO(ppm)= 1.16
	Comments: CLEAR											

SG - Specific Gravity

<sup>\*</sup> From Top of Riser

EH - Redox

<sup>\*\*</sup> Elevation Above Sea Level

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME	Comments
B-1	11/09/07	9.21		-9.21	1138	NO L-NAPL ; NO D-NAPL
B-10		7.98	11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	-7.98	1131	NO L-NAPL ; NO D-NAPL
B-11		4.77	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-4.77	1203	NO L-NAPL
B-13		DRY		#VALUE!	1329	
B-14		8.19		-8.19	1330	
B-15		4.38		-4.38	1333	
B-16		5.40		-5.40	1335	
B-17		6.17		-6.17	1317	NO L-NAPL ; NO D-NAPL
B-2		10.16		-10.16	1159	NO L-NAPL ; NO D-NAPL
B-3		5.36		-5.36	1150	NO L-NAPL ; NO D-NAPL
B-4		12.91		-12.91	1205	NO L-NAPL ; NO D-NAPL
B-5		10.45		-10.45	1209	NO L-NAPL ; NO D-NAPL
B-7		14.29		-14.29	1217	NO L-NAPL ; NO D-NAPL
B-8		8.13		-8.13	1136	NO L-NAPL ; NO D-NAPL
BR-1		8.01		-8.01	1051	NO L-NAPL ; NO D-NAPL
BR-102		18.66		-18.66	1149	
BR-103		5.55		-5.55	1300	
MW-103		1.59		-1.59	1302	
BR-104		8.89		-8.89	1310	
MW-104		10.43		-10.43	1312	
BR-105		23.88		-23.88	1304	
BR-105D		25.55		-25.55	1305	
MW-105		DRY		#VALUE!	1306	
BR-106		23.89		-23.89	1245	
MW-106		12.16		-12.16	1246	
BR-108		29.04		-29.04	1255	
MW-108		14.91		-14.91	1256	
BR-111		29.01		-29.01	1342	
BR-111D		29.30		-29.30	1344	
BR-112A		33.02		-33.02	1340	
BR-112D		36.63		-36.63	1337	
BR-113		31.62		-31.62	1315	

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME	Comments
BR-113D	11/09/07	31.64	73-74-7-3-7-30-2-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	-31.64	1317	
BR-114		14.97		-14.97	1305	
MW-114		11.74	on to 1900 to 1 of a cold 1 behave to 1 of behave to accomplying the colored section of the	-11.74	1307	
BR-116		30.01		-30.01	1247	
BR-116D		36.13	W	-36.13	1245	
BR-117		21.37		-21.37	1152	
BR-117D		50.09		-50.09	1150	
BR-118		26.17		-26.17	1140	
BR-118D		49.24		-49.24	1142	
BR-122D		45.29		-45.29	1220	4.
BR-123D		45.75		-45.75	1215	
BR-124D		31.72		-31.72	1210	
BR-126		9.49		-9.49	1320	
MW-126			The series and business and the series are the series and the series and the series are the series and the series and the series are the seri			NOT LOCATED
BR-127		4.82			1109	NO L-NAPL ; NO D-NAPL
MW-127		5.39			1110	NO L-NAPL ; NO D-NAPL
BR-2		7.80		-7.80	1115	NO L-NAPL ; NO D-NAPL
BR-2A		8.79		-8.79	1114	NO L-NAPL ; NO D-NAPL
BR-2D		0.05		-0.05	1117	NO L-NAPL ; NO D-NAPL
BR-3		7.54		-7.54	1122	NO L-NAPL
BR-3D		60.76		-60.76	1121	NO L-NAPL ; NO D-NAPL
BR-4		7.34		-7.34	1112	NO L-NAPL
BR-5		15.20			1039	NO L-NAPL ; NO D-NAPL
BR-5A		25.18		-25.18	1100	0.00 GPM
BR-6		10.25	· ·	-10.25	1134	NO L-NAPL ; NO D-NAPL
BR-6A		10.57		-10.57	1135	
BR-7		20.12		-20.12	1220	
BR-7A		31.08	N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	-31.08	1221	NO L-NAPL ; NO D-NAPL
BR-8		10.29	1148 TO 114 TO 1	-10.29	1210	NO L-NAPL ; NO D-NAPL
BR-9		24.82		-24.82	1152	0.00 GPM
C-2A		7.92		-7.92	1116	NO L-NAPL ; NO D-NAPL
C-3				0.00	1130	BURIED

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME	Comments
	11/09/07			0.00	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
C-5		8.91	. * 11 * 7 * 7 * 7 * 7 * 7 * 7 * 7 * 8 * 8 * 8	-8.91	1152	NO L-NAPL ; NO D-NAPL
E-1		2.06		-2.06	1204	NO L-NAPL
E-2		5.14	· · · · · · · · · · · · · · · · · · ·	-5.14	1210	NO L-NAPL ; NO D-NAPL
E-3		5.99		-5.99	1226	NO L-NAPL ; NO D-NAPL
E-4				0.00	1241	OBSTRUCTED AT 2.60
E-5		5.98		-5.98	1233	NO L-NAPL ; NO D-NAPL
EC-1		19.43		-19.43	1357	
EC-2				0.00	1318	DRY AT 12.79 '
ERIE CANAL		33.22		-33.22	1350	*
MW-16		12.27		-12.27	1253	
MW-3						NOT LOCATED
MW-G6		5.11		-5.11	1405	
MW-G7					**	NOT LOCATED
MW-G8	.,	8.33		-8.33	1408	· · · · · · · · · · · · · · · · · · ·
MW-G9		10.94		-10.94	1413	4
N-1				0.00	1050	OBSTRUCTED
N-2		4.09		-4.09	1047	NO L-NAPL ; NO D-NAPL
N-3		6.69		-6.69	1159	NO L-NAPL
NESS-E		11.07		-11.07	950	
NESS-W		28.97		-28.97	954	-
PW-10		6.75		-6.75	1217	NO L-NAPL
PW-11		17.97		-17.97	1211	NO L-NAPL
PW-12		6.13		-6.13	1105	
PW-13		28.34		-28.34	1227	L-NAPL=0.44; NO D NAPL
PW-14		19.48		-19.48	1125	NO L-NAPL
PW-15		7.23		-7.23	1119	NO L-NAPL; NO D-NAPL
PZ-101		14.64		-14.64	1240	, and the same of
PZ-102		18.41		-18.41	1242	
PZ-103		12.89		-12.89	1243	
PZ-104		14.55		-14.55	1308	
PZ-105		7.55		-7.55	1139	NO L-NAPL ; NO D-NAPL

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME	Comments
PZ-106	11/09/07	9.72		-9.72	1126	NO L-NAPL ; NO D-NAPL
PZ-107		7.17	November 1 th other deadles as a first of an address to the dead	-7.17	1132	NO L-NAPL ; NO D-NAPL
PZ-109		7.34		-7.34	1120	NO L-NAPL; NO D-NAPL
S-1		2.44		-2.44	1137	NO L-NAPL ; NO D-NAPL
S-2		3.24		-3.24	1135	NO L-NAPL
S-3		1.92		-1.92	1133	NO L-NAPL ; NO D-NAPL
S-4		0.70		-0.70	1130	
W-1				0.00	1236	OBSTRUCTED
W-2		11.03		-11.03	1155	NO L-NAPL ; NO D-NAPL
W-3		2.71		-2.71	1203	NO L-NAPL ; NO D-NAPL
W-4		7.98		-7.98	1208	NO L-NAPL ; NO D-NAPL
W-5		6.49		-6.49	1224	NO L-NAPL ; NO D-NAPL
W-6		6.98		-6.98	1219	NO L-NAPL ; NO D-NAPL
					7.7.4.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	

Facility:	AncH	P.L. TP.		Samı	ole Point I <u>D:</u>	BA-105		
Field Pe	rsonnel:	P.L., J.F.	· · · · · · · · · · · · · · · · · · ·	Samı	ole Matrix:	6/w		
MONITO	ORTING WELL	_INSPECTION	<b>4</b> :			-		
Date/Tim	ne /1-14-0	7 1	1255	Cond	of seal:从Goo () No	od ( ) Cracke ne ( ) Buried		<u>%</u>
Prot. Cas	sing/riser heigh	ıt <u>:</u>		Cond	of prot. Casing	/riser: ( ) Un ( ) Loose ( ) Damage	<b>X</b> Flush	Good Mount
If prot.ca	ising; depth to	riser below:		~		( ) Damage	ru.	•••
Gas Mete	er (Calibration/	Reading):	% Gas:		_ % LEI	L:	···	
Vol. Orga	anic Meter (Cali	bration/Readin	g):	Volati	iles (ppm <u>'</u>	I		
PURGE	INFORMATIO	N:				v		
Date / Tir	ne Initiated:	11-14-00 1	30°	Date /	Time Complete	ed:	11-14-07	1 1320
Surf. Mea	as. Pt: ( ) Prot. (	Casing	₩ Riser	Riser	Diameter, Inche	es:	4.0	7 1320
Initial Wa	iter Level, Feet:	23.98	?	Eleva	tion. G/W MSL:		_	
Well Tota	al Depth, Feet:			Metho	od of Well Purge	<b>::</b>	fraire!	BAMe - Nor
One (1) R	Riser Volume, G	al:		_ Dedic	ated:	YIN		
Total Vol	ume Purged, G	al:		Purge	d To Dryness	Y /(N)		
Purge Ob	servations:			Start	ch-	_Finish	Clean	
PURGE	DATA: (if appl	licable)			P			
Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
	we melyou	<b>,</b>		1		1	1	11

Time	(gpm	Rate /htz)	Cumulative Volume	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
130)	23.99	num 20		135	7.09	2027	41.4	-244	1.63
1310				13.4	7.04	1587	22.7	-249	1.60
1315				13.4	7.01	1577	12.30	- 252	1.57
1320	U	4		13.4	7.01	1570	9.74	-257	1.54
							·		
						). /			

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Field Form Revision 0 03/14/02

SAMPLING	INFORMATI	ON:		POINT ID BA-103					
Date/Time	11-14-0	27 1	1328	Water Le	vel @ Sampling,	Feet:			
Method of Sa	ampling:	<u> </u>		·····	_Dedicated:	Y/N			
Multi-phased	l/ layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy			
SAMPLING	DATA:								
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )			
INSTRUME	NT CHECK D	ATA:							
	ial #:		=NTU		ITU std. =	NTU ,			
	····	4.0 std.=	7.	0 std.=	10	0.0 std. =			
Conductivity Solutions:			u	mhos/cm=		umhos/cm=			
GENERAL II					-				
Weather cond	ditions @ time	of sampling:							
Sample Chara	acteristics:			-					
COMMENTS	AND OBSE	RVATIONS:		·					
·				·					
<u></u>		· · · · · · · · · · · · · · · · · · ·							
I certify that s protocals.	ampling proc	edures were in	accordance wi	th all applic	cable EPA, State	and Site-Specific			
Date: /	111467	_ Ву:	MI	7	Company: _	TAC			

Facility: AncH P.L., TP.  Field Personnel:  MONITORTING WELL INSPECTION:	Sample Point ID: BR-105 D  Sample Matrix: 6/W
Date/Time /1-/4-07 / /207	Cond of seal: () Good () Cracked % () None () Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount ( ) Damaged
If prot.casing; depth to riser below:	() Damageu
Gas Meter (Calibration/ Reading): % Gas:	/ % LEL:/
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm)/
PURGE INFORMATION:	N.
Date / Time Initiated: [1-14-07] 12/5	Date / Time Completed: [1-14-0] / 127
Surf. Meas. Pt: ( ) Prot. Casing (KRiser	Riser Diameter, Inches: 2-0
Initial Water Level, Feet: 24.59	Elevation. G/W MSL:
Well Total Depth, Feet:	Method of Well Purge: Lost purp
One (1) Riser Volume, Gal:	Dedicated: Y / N
Total Volume Purged, Gal:	Purged To Dryness Y
Purge Observations:	Start Cler Finish Cler
PURGE DATA: (if applicable)	

Time	(gpn	e Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other OAM	Other 00
1220	24.77	100		14.1	7.08	20,640	2.14	-289	0.84
1225			,	13.6	7.09	21.180	1.73	506	0.80
1230				13.2	7.11	21,200	1.39	- 360	0.77
1235				13.1	7.11	21,200	1.30	-39	0.74

SAMPLING	INFORMATIO	ON:		POINT ID BN-los D				
Date/Time		0)	1240	Water Le	vel @ Sampling	, Feet:		
Method of S	ampling:				_Dedicated:	Y / N		
Multi-phased	i/ layered:	( )Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other ( )		
INSTRUMEN	AT CHECK DA	ATA:						
Turbidity Ser Solutions:	ial #:	NTU std. :	=NTU	N	TU std. =	, UTU		
pH Serial #: _ Solutions: _		4.0 std.=	7.	0 std.=		).0 std. =		
Conductivity Solutions:			u			umhos/cm=	<del></del>	
	NFORMATION	•		······································	•			
Weather cond	litions @ time	of sampling:	(7)	lden .	50 "			
Sample Chara	acteristics:							
COMMENTS	AND OBSER	VATIONS:						
		•						
				······································			<del></del>	
			<u> </u>					
							·····	
``	·····	·	<u></u>	<del></del>			<del></del>	
I certify that s protocals.	ampling proce	dures were in	accordance wil	h all applic	able EPA, State	and Site-Specific		
Date:	1 11410	Ву:	MX	1	Company: _	TAL		

_A1	111			Sam	ple Point I <u>D:</u>	BN-106				
ersonne	1:	P.L. TP.	···					<del></del>		
ORTIN	G WELI	_ INSPECTIO	N:		<del></del>		***************************************	<del></del>		
ne / /	1-14-0	7 /	1107	Cond of seal: (XGood ( ) Cracked ( ) None ( ) Burled						
sing/ris	er heigh	ıt <u>:</u>		Cond of prot. Casing/riser: ( ) Unlocked ( ) Good						
asing; d	lepth to	riser below:	<del></del>		_	() Damage	ed.			
er (Cali	bration/	Reading):	% Gas:		_ _ % LEI	i1				
anic Me	ter (Cali	bration/Readin	ig):	Volati				-		
INFOR	OITAM	N:				4.	_			
me Initi	ated: /	1-14-00 1 111	0	Date /	Time Complete	ed:	11-14-07	1 1/20		
as. Pt: (	) Prot. 0	Casing	<i>(</i> ∤) Riser	Riser Diameter, Inches: 4.0						
ater Lev	el, Feet:	23.92	3	Elevation. G/W MSL:						
al Depth	ı, Feet:			Metho	d of Well Purge	:	fort	FIL BLADDE		
Riser Vo	lume, G	al:		_ Dedic	ated:	Y / 1				
ume Pu	irged, G	al:	······································	_ Purge	d To Dryness	Y 1 (1)				
servati	ons:		· · · · · · · · · · · · · · · · · · ·	Start	Clev	Finish	Clar	_		
DATA:	(if appl	icable)								
(gpr		Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other DO		
m 23.45	150		128	7.37	42 55	16,80	-233	0.91		
			12.5	7.27	4264	143	-239	0.84		
			······································	7.20	4255	13.0	-241	0.80		
			12,7	7:17	4250	12.7	-243	0.77		
	ersonne ORTINI ne // sing/ris asing; d er (Calif anic Me INFOR me Initi as. Pt: ( ater Lev al Depth Riser Vo ume Pu oservati DATA: Purg (gpr	sing/riser heightsing; depth to er (Calibration/anic Meter (Calibration/anic Meter (Calibration/anic Meter (Calibration)  INFORMATIO me Initiated: / as. Pt: () Prot. (anic Level, Feet: al Depth, Feet: al De	P.L., TP.  Pronnel:  ORTING WELL INSPECTION  The //-//	ORTING WELL INSPECTION:  The //-/or   //or  Ine //-/or   //or  Sing/riser height:  Asing; depth to riser below:  For (Calibration/ Reading): % Gas:  Anic Meter (Calibration/Reading):  INFORMATION:  The Initiated: //-/for   //or  As. Pt: () Prot. Casing	ORTING WELL INSPECTION:  Ine	ORTING WELL INSPECTION:  Ine	ORTING WELL INSPECTION:  ne	AL TT.  Sample Matrix: 6/\( \)  ORTING WELL INSPECTION:  \[ \text{ne}     - 4-0        10   \]  Cond of seal: (\( \alpha \text{Good}  \end{all} \) Cracked (\( \end{all} \) None (\( \end{all} \) Buried  Sing/riser height:  \[ \text{Cond of prot. Casing/riser: () Unlocked () () Loose (\( \alpha \text{Flush} \) () Damaged  \[ \text{Sample Matrix: 6/\( \alpha \text{None () Buried} \)  Cond of prot. Casing/riser: () Unlocked () () Loose (\( \alpha \text{Flush} \) () Damaged  \[ \text{Sample Matrix: 6/\( \alpha \text{None () Buried} \)  () Loose (\( \alpha \text{Flush} \) () Loose (\( \alpha \text{Flush} \) () Damaged  \[ \text{Sample Matrix: 6/\( \alpha \text{None () Buried} \)  () Loose (\( \alpha \text{Flush} \) () Unlocked () () Damaged  \[ \text{Sample Matrix: 6/\( \alpha \text{None () Ellevation () Pmiled} \)  () Loose (\( \alpha \text{Flush} \) () Unlocked () () Damaged  \[ Inser Calibration/Reading): Volatiles (ppm!		

SAMPLING	INFORMATIO	ON:		POINT I	s BA	- 100	
Date/Time	11-14-0	7 1 1	1135	Water Le	vel @ Sampling	, Feet:	
Method of S	ampling:				_Dedicated:	Y/N	
Multi-phase	d/ layered:	( )Yes	( ) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:			_			
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other (	
				X			
						·	
INSTRUME	NT CHECK DA	NTA:				<u></u>	
Turbidity Se			=NTU		ITU std. =	UTM	
						0.0 std. =	
Conductivity Solutions:			L			umhos/cm≍	
GENERAL I	NFORMATIO		•				
Weather con	ditions @ time	of sampling:					
Sample Char	acteristics:						
COMMENTS	S AND OBSER						
			-			· ·	
***************************************							
I certify that protocals.	sampling proce	edures were in	accordance w	ith all appli	cable EPA, Stat	e and Site-Specific	
Date:	11 114107	Ву:	N 2		Company:	TAL	

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Facility: ARCH	Sample Point ID: BR-126
Field Personnel:	Sample Matrix: 6/W
MONITORTING WELL INSPECTION:	* Flush mont and roud box destroyer!
Date/Time 11-13-07 / 105/	Cond of seal: () Good () Cracked % () None () Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount ( ) Damaged
If prot.casing; depth to riser below:	( ) Daniageu
Gas Meter (Calibration/ Reading): % Gas:	% LEL: /
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm)/
PURGE INFORMATION:	•
Date / Time Initiated: 11-13-07 / 1055	Date / Time Completed: 11-13-07 , 1)?
Surf. Meas. Pt: () Prot. Casing Riser	Riser Diameter, Inches:
Initial Water Level, Feet: 15.07	Elevation. G/W MSL:
Well Total Depth, Feet: 45.45	Method of Well Purge: Pont
One (1) Riser Volume, Gal:	Dedicated: Q/N
Total Volume Purged, Gal:	Purged To Dryness Y / (N)
Purge Observations:	Start Timber Brann Finish St. Cloud
DEED AT DATE OF COMMENT OF STREET	J

PURGE DATA: (if applicable)

Time	Purge Rate (gpm/htz)		Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other DAR	Other 00
1100	200	15.13		14.3	7.76	884	194.0	-197	1.24
1105		15.14		14.4	7.44	1071	64.3	-198	1.08
1110				14.3	7.31	1209	48.5	-198	1.03
1115				144	7:27	1269	34.8	-196	1,00
1120				14.4	7.26	1261	33.2	-197	1.02
1125	+			14.4	7.24	1273	32.3	-193	0.99

Sample 1/25 on 11-13-07

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SAMPLING	INFORMAL	ЮЙ:		POINT ID				
Date/Time		1		Water Le	vel @ Sampling	, Feet:	•	
Method of S	ampling:			<u> </u>	_Dedicated:	Y / N		
Multi-phased	d/ layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other (		
INSTRUMEN	NT CHECK D	ATA:		1	<u></u>			
Turbidity Ser	ial #:	NTU std. :	=NTU	N	ITU std. ≔	NTU	,	
pH Serial #: _ Solutions: _		4.0 std.=	7.0	) std.=	10	0.0 std. =		
Conductivity Solutions:	Serial #:		u	mhos/cm=		umhos/cm=_		
GENERAL II	NFORMATIO	N:			•			
Weather cond	litions @ time	of sampling:						
Sample Chara	acteristics:	·						
COMMENTS	AND OBSE	RVATIONS:						
·	<del></del>							
					-1			
certify that so rotocals.	ampling proc	edures were in a	accordance wit	h all applic	able EPA, State	and Site-Specific		
Pate:	1 1	By:			Company:			

Facility: ARCH  P.L., TP.  Field Personnel:	Sample Point ID: A1-127 Sample Matrix: 6/W
MONITORTING WELL INSPECTION:	
Date/Time //- 13-67 / 1 /025	Cond of seal:   () None () Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ₭ Good ( ) Loose ( ) Flush Mount
If prot.casing; depth to riser below:	() Damaged
Gas Meter (Calibration/ Reading): % Gas:	/ % LEL: /
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm'/
PURGE INFORMATION:	
Date / Time Initiated: /バーノンの / 1076	Date / Time Completed: 11050
Surf. Meas. Pt: ( ) Prot. Casing ( Riser	Riser Diameter, Inches:
Initial Water Level, Feet: 4.94	Elevation. G/W MSL:
Well Total Depth, Feet: 50.63	Method of Well Purge: Pund
One (1) Riser Volume, Gal:	Dedicated: (Ý) N
Total Volume Purged, Gal:	Purged To Dryness Y / (N)
Purge Observations:	Start BLACK SPECTY Finish BLACK SPACK)
DUDGE DATA (IC	

PURGE DATA: (if applicable)

Time	(gpr	e Rate n/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
103)	5.10	m/~ 200		15.4	7.68	2481	7.10	-215	1.06
1040				14.7	7.80	2390	5.81	-220	D.99
1045				14.5	7.90	2386	5.80	- 721	0.96
1050	4	4		14.4	7,97	2380	5.62	-224	0.93
				···					
						-			

SAMPLING	INFORMATIO	Ŋ;		POINT ID			
Date/Time	.11-13-07	1 10	,55	Water Lev	/el @ Sampling	, Feet:	5.10
Method of S	ampling:	Perista	usu pour		_Dedicated:	(Ý) N	
Multi-phase	d/ layered:	( ) Yes	( <u>(</u> ) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other ( Ao )	
1050	14.4	7.87	2380	5.62	227	0.83	
1052	14-4	7.98	2377	5.51	- 225	0.90	
INSTRUME	NT CHECK DA	NTA:					
Turbidity Ser	rial#: <u> </u>	NTU std. =	:NTU	20_N	TU std. = <u>20</u>	UTU	,
pH Serial #: _ Solutions:	614162 4-KQ	4.0 std.= 4ce	07.0 KRT	) std.= <u>7-0</u> -	. <b>1</b> 0	0.0 std. =	
Conductivity Solutions:	Serial #:	614162 3	<u>(000</u> u	mhos/cm=_	(000	umhos/cm=_	
GENERAL I	NFORMATION	i:					
Weather con	ditions @ time (	of sampling:	5000	50°			
Sample Char	acteristics:	Clear	SCAUC	Stecks	714		
	S AND OBSER			(1 L	200		
· · · · · · · · · · · · · · · · · · ·				·		***************************************	
				<del></del>			
I certify that s protocals.	ampling proced	dures were in a	accordance wit	h all applic	able EPA, State	and Site-Specific	>
Date: <u>(</u>	(   13  07	Ву:	Mx	1	Company:	Jest America	

T de

### FIELD OBSERVATIONS

LeachField Form Revision 0 March 15,2002

	Arux			Sample P	oint ID:	B1-54		
Field Personnel	•	PL, JS		Sample M	atrix:	6/6		
SAMPLING IN	FORMATIC	DN:				() Grab () (	composite 387 6pm	
Date/Time/	11-13-07	1	1315	Water Lev	el @ Sampling	, Feet:	25.91	
Method of Samp	oling:	May Ple	Rost		Dedicated:	Ø/N		
Multi-phased/ la	yered:	( ) Yes	MNO.	If YES:	( ) light	( ) heavy		
SAMPLING DA	TA:							
Time	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other		
(317	16.2		(B27	38-9	-95			
	<u> </u>							
INSTRUMENT (	CHECK DA	\TA•					<u>J</u>	
•								
Turbidity Serial # Solutions:			=NTU		TU std. =	<b>ЭТИ</b>		
pH Serial #: Solutions:			7.0			).0 std. =	<u> </u>	
Conductivity Ser	ial #:			mhos/cm=_		umhos/cm	=	
GENERAL INFO								
Weather conditio			Cox	(T°				
Sample Characte			SC TU 1.11					
-	•••		SC. 900 1100				***************************************	
COMMENTS AN	D OBSER	VATIONS: _						
						······································		
**************************************	,				······································			
	······································							
i certify that samp	ling proced	lures were in a	ccordance with	ı all applica	ble EPA, State	and Site-Specif	, fic	
	71 <sup>وم</sup> 17	Ву:	MX		Company:	Tyl Americ	· A	

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						-					
Facility:	_A	ACH.			Sam	ple Point I <u>D:</u>	BR-6A				
Field Pe	ersonne	el:	P.L. TP.			ple Matrix:					
MONIT	ORTIN	G WELI	_ INSPECTIO	N:				*****			
Date/Tin	ne/	1-12-0	7	1133	Conc	l of seal: ( ) Goo	nd ( ) Cracke	vd			
							ne 🕢 Burie	d a	wom have		
Prot. Ca	sing/ris	ser heigh	ıt <u>:</u>		Cond of prot. Casing/riser: ( ) Unlocked ( ) Good  ( ) Loose ( ) Flush Mount						
If prot.ca	asing; (	depth to	riser below:				() Loose () Damag		Mount -		
Gas Met	er (Cali	ibration/	Reading):	% Gas:	J	– % L.EI	L:		•		
Vol. Org	anic M	eter (Cali	bration/Readir	ng):	Volat	iles (ppm <u>'</u>			many		
PURGE	INFO	RMATIO	N:				-ty				
Date / Ti	me Init	iated: /	1-12-07 1 16	635	Date	Time Complete	ed:	11-12-07	11155		
Surf. Me	as. Pt:	(XProt. €	Casing	(XRiser	Riser	Diameter, Inche		6.0			
Initial Wa	ater Le	vel, Feet:	10.68	3	Elevation. G/W MSL:						
Well Tota	al Dept	h, Feet:			Method of Well Purge: Pund						
One (1) F	Riser Vo	olume, G	al:		Dedicated:						
Total Vol	lume Pi	urged, G	al:		_ Purge	d To Dryness	Y (N)				
Purge Ol	oservat	ions:			Start	Classics from	Finish	Clar Yellow In			
PURGE	DATA:	: (if appl	icable)		·•		-		•		
Time		je Rate m/htz)	Cumulative Volume	Temp.	pH (ctd.unite)	Conduct	Turb.	Other	Other		
1140	10.74	MILIMU 208	. 0.44110	16.3	(std units)	(Umhos/cm) ///8	(NTU) 3,60	-170	1033		
1145	1			16.2	8,27	1100		-166	1.30		
1150				15,9	8.25	1099	3.48	-160	1,25		
1155				15,8	8.23	1088	3.40				
(13)				1 3/0	ري رق	1000	3.37	- 158	1.21		

SAMPLING	INFORMATIO	ΟŅ:		POINT II			
	11-12-07			Water Le	Feet:	16.77	
Method of S	ampling:	Perisoner	<b>«</b> c		Dedicated:	<u>(₹</u> )/N	
	d/ layered:		(⋈̃No		()light	( ) heavy	•
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (OV)	Other	
1155	15.8	8.23	1088	3.37	-158	1-21	
INSTRUME	NT CHECK DA	<u> </u> \TA•		<u> </u>			
	rial #:	NTU std. :	=NTU		ITU std. =I	טדע	,
pH Serial #: _ Solutions: _			7.0		10	.0 std. =	_
Conductivity Solutions:	Serial #:		u			umhos/cm=	
	NFORMATION			<del></del>	•		
Weather con	ditions @ time	of sampling:	Cloud	2 48°			
Sample Char			Clev				
COMMENTS	AND OBSER	VATIONS:		·····			
	· · · · · · · · · · · · · · · · · · ·						
certify that s protocals.	ampling proce	dures were in a	accordance wit	h all applic	able EPA, State	and Site-Specific	:
Oate: <u> </u>	(IRIO	Ву: _	MX		Company: _	TAC	

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LeachField Form Revision 0 March 15,2002

Facility:	acility: Alux			Sample P	oint ID:	BR-7A		
Field Person	nel:	Pl		Sample M	latrix:	() Grab () Composite		
SAMPLING	INFORMATIO	DN:				() Grab () C	omposite	
Date/Time	WA 11-13	-07 //	400	Water Lev	vel @ Sampling	, Feet:	31-08	
Method of Sa	ampling:	SAMPLE	DOT		_Dedicated:	@IN		
Multi-phased	l/ layered:	( ) Yes	( ) <sup>*</sup> No	If YES:	( ) light	( ) heavy		
SAMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other ( )		
1404	15.6	7.57	2549	1-76	-17/	,		
				17.6	*			
Solutions:  pH Serial #:  Solutions:  Conductivity  Solutions:  GENERAL II	Serial #: NFORMATION	4.0 std.= i: of sampling:	u	ostd.= mhos/cm=_	- Vertical and the second and the se	0.0 std. = umhos/cm=		
Sample Chara	cteristics:		Ck- 6	1.5	Drikj		· ·	
		_						
rotocals.					i	and Site-Specif		

LeachField Form Revision 0 March 15,2002

Facility:	BRUS			Sample P	oint ID:			
Field Perso	nnel:	Pc, J1	•	Sample M	latrix:	6/0		
SAMPLING	3 INFORMATIO	ON:				(A) Grab () C		
Date/Time	11-13-07	1 /	355	Water Lev	vel @ Sampling	, Feet:	24.82	
Method of S	Sampling:	J SAM	Ple Port		_Dedicated:	Ø/N		
Multi-phase						( ) heavy		
SAMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other ( )		
1357	14.7	7.59	2299	8.69	-112			
INSTRUME	NT CHECK DA	XTA:	·					
Turbidity Se	erial #:		=טדא		TU std. =	ַטדא		
	****					0.0 std. =		
Conductivity Solutions:	/ Serial #:		U			umhos/cm=	:	
GENERAL I	INFORMATION	l:						
Weather con	ditions @ time o	of sampling:	Sun	55 0				
Sample Char			cle~					
COMMENTS	S AND OBSER	VATIONS:						
		_						
	í							
				· · · · · · · · · · · · · · · · · · ·			-	
certify that so	sampling proced	lures were in a	ccordance with	all applica	ible EPA, State	and Site-Specifi	c	
Date:	(117107	Ву:	MX	-	Company:	Ters Amount		

Facility:	AI	<i>ll IF</i>			Sam <sub> </sub>	ole Point ID:	E-1					
Field Pe	rsonne	1:	P.L. TP.		Samı	ole Matrix:	6/w					
		_	. INSPECTION				VAO	<i>U</i> -				
Date/Tin	ne //-	12-67		348	Cond of seal: ( ) Good ( ) Cracked ( ) None ( ) Buried							
Prot. Ca	sing/ris	er heigh	t <u>:</u>		Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount							
If prot.ca	asing; d	lepth to	riser below:			<del>-</del>	() Damage					
Gas Met	er (Calil	bration/	Reading):	% Gas:		_ % LEI	-i		_			
Vol. Org	anic Me	ter (Cali	bration/Readin	g):	Volati	les (ppm)	1					
PURGE	INFOR	RMATIO	N:				"					
Date / Ti	me Initi	ated:	11-12-01 13	55	Date /	1 1415						
Surf. Me	as. Pt: (	) Prot. C	Casing	() Riser	Date / Time Completed: //-/2-7 / Riser Diameter, Inches: VAUL							
Initial Wa	ater Lev	el, Feet:	1.98	×	Elevation. G/W MSL:							
Well Tota	al Depth	ı, Feet:			Method of Well Purge: Pund							
One (1) F	≀iser Vo	lume, G	al:	······································	_ Dedicated:							
Total Vol	ume Pu	irged, Ga	al:	·····	Purge	d To Dryness	Y 1 🕥	Cory				
Purge Ol	oservati	ons:			_ Start	OPFA .	Finish	OPEN	_			
PURGE	DATA:	(if appl	icable)									
Time	(gpr	e Rate n/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other OAP	Other 00			
1400	1.28	200		11.6	8.10	10,900	60.0	-261	0.97			
1465				9.9	8.57	9267	29.6	-269	0.95			
1410				9.8	8.72	9166	19.01	-270	0.90			
1415				9.7	8.86	9027	15.61	-273	0.86			

	INFORMATI			POINT II					
Date/Time	11-12-0	7 , 1	420	Water Le	Water Level @ Sampling, Feet:				
	ampling:	feres	Metic.		_Dedicated:	ØIN	1.98		
Multi-phased	d/ layered:	( )Yes	(X) No	If YES:	( ) light	( ) heavy			
SAMPLING	DATA:								
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other ( PO )			
1415	9.7	8.36	9027	15.61	-273	0.86			
INSTRUME	NT CHECK D	ATA:							
Turbidity Ser		NTU std. :			ITU std. ≃	NTU	,		
pH Serial #: _ Solutions: _		4.0 std,=	7.0		10	).0 std. =	<del></del> -		
Conductivity Solutions:	Serial #:		u			umhos/cm=			
	NFORMATIO				•				
Weather cond	ditions @ time	of sampling:	clou	n 50°	·				
Sample Chara	acteristics:	of sampling:	Gray 1 000	EN					
COMMENTS	AND OBSE	RVATIONS:							
							·		
	· · · · · · · · · · · · · · · · · · ·								
I certify that s protocals.	ampling proc	edures were in	accordance wi	th all applic	cable EPA, State	and Site-Specifi	c		
Date: <u>J</u>	1/12/07	Ву:	Ma		Company:	TAL			

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Facility: AncH  P.L., TP.  Field Personnel:	Sample Point ID: MW 106 Sample Matrix: 6/W
MONITORTING WELL INSPECTION:	
Date/Time 1/-/Y-07 1 /030	Cond of seal: (2) Good ( ) Cracked % ( ) None ( ) Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount
If prot.casing; depth to riser below:	() Damaged.
Gas Meter (Calibration/ Reading): % Gas:	/ % LEL: /
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm'/
PURGE INFORMATION:	· ·
Date / Time Initiated: /۱-/۲-9 / /075	Date / Time Completed: //-/x-01 / /055
Surf. Meas. Pt: ( ) Prot. Casing	Riser Diameter, Inches:
nitial Water Level, Feet: 12.02	Elevation. G/W MSL:
Well Total Depth, Feet:	Method of Well Purge: Pont
One (1) Riser Volume, Gal:	Dedicated: (Y) N
Fotal Volume Purged, Gal:	Purged To Dryness Y / N
Purge Observations: Low Flor	Start Finish Start

PURGE DATA: (if applicable)

Time	(gpn	e Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
1040	1215	100		15.9	6.71	5529	14.2	-195	1.56
1045				14.9	6.85	5600	14.0	-700	1-41
1050				14.3	6,90	56:37	13.8	-207	1.21
1055	V			14.8	6.94	5652	13.4	-207	1.17
									,

SANDLUS AT 1100 11-H-07 pl 2t

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Field Form Revision 0 03/14/02

SAMPLING	INFORMAT	ion:		POINT ID					
Date/Time				Water Level @ Sampling, Feet:					
Method of Sa	ampling:			·	_Dedicated:	Y / N			
Multi-phased	i/ layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy			
SAMPLING	DATA:								
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )			
INSTRUMEN	T CHECK E	PATA:	<u>I</u>	1					
Turbidity Ser		NTU std.:			ITU std. ≃	_NTU			
		4.0 std.=	7.0	) std.=	1	0.0 std. =			
Conductivity Solutions:	Serial #:		U	mhos/cm=		umhos/cm=	<del></del>		
GENERAL I	NFORMATIC				-	,			
Veather cond	litions @ time	e of sampling:							
Sample Chara	icteristics:								
COMMENTS	AND OBSE	RVATIONS:		<del></del>			<del></del>		
<del></del>									
						and Site-Specific			
Pate:	<u> </u>	_ By:	· · · · · · · · · · · · · · · · · · ·		Company:				

				ليا سايسا ا	ODSEKA	AHUNS							
Facility:			P.L. TP.		Sam	ple Point I <u>D:</u>	MW-127	)	than a <sub>th</sub>				
Field Pe			INSPECTION	<b></b>	Sam	ole Matrix:	6/6		<del></del>				
Date/Tin	n <u>e</u>	-13-07	1 10	557	Cond of seal: (a) Good ( ) Cracked ( ) None ( ) Buried								
		ser heigh			Cond	_ Cond of prot. Casing/riser: ( ) Unlocked Æ Good ( ) Loose							
If prot.ca	asing; d	depth to	riser below:		····				,				
Gas Met	er (Cali	ibration/	Reading):	% Gas:		_ % LEI	<u> </u>						
Vol. Orga	anic M	eter (Cali	bration/Readin	ıg):	Volat	iles (ppm <u>;</u>	1						
PURGE	INFO	RMATIO	N:										
Date / Ti	me Initi	iated: //	1-13-07 1 /11	10	Date i	Time Complete	d:	11-13-07	1 1/70				
Surf Ma:	ac Di-	( ) Prot (	Casing	/XDinon	<del>-</del>								
			<del>-</del>	(∦ Riser	Riser Diameter, Inches:								
Initial Wa	ater Lev	vel, Feet:	5.52		Elevation. G/W MSL:								
Well Tota	al Dept	h, Feet:	11.25		Method of Well Purge: Pont								
One (1) F	Riser Vo	olume, G	al:		Dedic	ated:	Ø1 N						
Total Vol	lume P	urged, G	al:		_ Purge	d To Dryness	Y 1 0						
Purge Ob	oservat	ions:			Start	Cle-	Finish	Clear					
		: (if app	licable)						-				
Time	(gp	ge Rate m/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other DO				
1115	6.20	so		13.3	7.62	4512	6,94	-143	1.07				
1120	6.28	<u> </u>		138	7.67	4490	3.88	= 150	0.97				
1125	6.35			14.6	7.70	4481	2.42	-154	0.95				

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PAID 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7
1705-101	<u>_</u>

7:70

14.0

4476

1130

6.41

2.37

-153

0-93

SAMPLING	INFORMATI	OŅ:		POINT II			
Date/Time	11-13.07	\	1135	Water Le	, Feet:	6.41.	
Method of Sa	ampling:	Peris	TAUIC Pr		Dedicated:		
Multi-phased	l/ layered:		₩ No		()light	_	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other	
1/30	14,0	7.70	4476	2.77	-155	0.93	
INSTRUMEN	IT CHECK DA	ATA:					
Turbidity Seri			=NTU		TU std. =	NTU	
pH Serial #: _ Solutions:		4.0 std.=	7.0		10	0.0 std. =	
Conductivity	0-2-14		u	mhos/cm=_		umhos/cm=	***
	VFORMATION	•					
Weather cond	litions @ time	of sampling:	501	500			
			Cle-	·····			
COMMENTS	AND OBSER	VATIONS:					
							•
		<u> </u>					
		· · · · · · · · · · · · · · · · · · ·					7 1
							·····
						and Site-Specifi	,
Pate: 1	1 112 1 07	By:	Me 25		Company:	JOST AMELIA	K .

Facility	: _A	NC#			Sam	ple Point ID:	Mw-16				
Field Pe	ersonne	el:	P.L. TP.		Sam	ple Point I <u>D:</u> ple Matrix:	6/w				
MONIT	ORTIN	IG WELI	L INSPECTIO	N:		-			<del></del>		
Date/Tir	ne /	1-14-0	7 1	1335	Cond	d of seal:⊿⊆Goo () No	od ( ) Cracke one ( ) Buried		%		
Prot, Ca	sing/ri	ser heigl	nt:		Cone	l of prot. Casing	/riser: ( ) Ur ( ) Loose	nlocked ( ) ÆFlush	Good Mount		
If prot.c	asing;	depth to	riser below:	<u></u>			() Damage	ed	<del></del>		
Gas Met	ter (Cal	ibration/	Reading):	% Gas:		_ % LEI	L:				
Vol. Org	anic M	eter (Cal	ibration/Readir	ng):	Volat	iles (ppm <u>)</u>			<del></del>		
PURGE	INFO	RMATIO	N:				٠,				
Date / Ti	ime Init	iated:	11-14-07/ 135	10	Date	/ Time Complete	ed:	11-14-07	1/400		
Surf. Me	as. Pt:	( ) Prot. (	Casing	// Riser	Riser Diameter, Inches: 4.0						
Initial W	ater Le	vel, Feet:	12.42	····							
Weli Tot	al Dept	h, Feet:			Method of Well Purge: Pont						
One (1) I	Riser V	olume, G	al:		Dedicated: ØI N						
Total Vo	lume P	urged, G	a <b>l:</b>		Purge	d To Dryness	Y 160				
Purge O	bservat	tions:			Start	cla	Finish	Cle_	<del>-</del>		
	DATA	: (if app	licable)								
Time	(gp	ge Rate m/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00		
1345	WC 1345	100		167	6.95	3076	6.52	-193	0.97		
1350				16.9	6.94	3069	5.31	-193	0.94		
1355				16.8	6.94	3070	3,80	- 192	0.90		
1400	1	1		16.7	6:95	3071	2.76	2/91	0.88		
		V									
	<del>                                     </del>						<u> </u>		ļl		

SAMPLING	INFORMATIO	ON:		POINT II					
Date/Time				Water Level @ Sampling, Feet:					
Method of Sa	ampling:				_Dedicated:	Y/N			
Multi-phased	l/ layered:	( )Yes	( ) No	If YES:	( ) light	( ) heavy			
SAMPLING	DATA:								
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )			
			·		,				
						·			
INSTRUMEN	NT CHECK DA	ATA:							
Turbidity Ser			=NTU		ITU std. ≕	UTN,			
pH Serial #: _ Solutions: _		4.0 std.=	7.1			0.0 std. =			
Conductivity Solutions:	Serial #:		11	mhos/cm=		umhos/cm=			
	NFORMATIO				_				
Weather cond	ditions @ time	of sampling:							
Sample Chara	acteristics:								
COMMENTS	AND OBSER	RVATIONS:	- VIII						
······································									
I certify that s protocals.	ampling proce	edures were in	accordance wi	th all applic	cable EPA, State	and Site-Specific			
Date:	1 1	Ву:			Company: _				

Facility: Ancif	Sample Point ID: Pw-10	•••
Field Personnel: P. Little	Sample Matrix: 66	
MONITORTING WELL INSPECTION:		
Date/Time //- 29-67 / /3/3	Cond of seal: ( ) Good ( ) Cracke ( ) None ( ) Burie	/8
Prot, Casing/riser height:	Cond of prot. Casing/riser: ( ) U	
If prot.casing; depth to riser below:	( ) Damag 	ed
Gas Meter (Calibration/ Reading): % Gas:	/% LEL:/	
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm¦/	
PURGE INFORMATION:	•	
Date / Time Initiated: 1/2507 / 1320	Date / Time Completed:	1129-07 1 1340
Surf. Meas. Pt: ( ) Prot. Casing (/) Riser	Riser Diameter, Inches:	6.0
Initial Water Level, Feet: 7,21	Elevation. G/W MSL:	
Well Total Depth, Feet:	Method of Well Purge:	Pristaction
One (1) Riser Volume, Gal:	Dedicated: (Y) I N	
Total Volume Purged, Gal:	Purged To Dryness Y / N	
Purge Observations:	Start Sci-Bo Finish	AMEN SC TUPBO
PURGE DATA: (if applicable)		

Time	(gpr	e Rate n/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 10
1325	inc 7.22	200		14.7	7.11	4472	79.6	40	0.96
1330	4	V		14,8	7.14	4456	75.4	35	0.93
1335				14.8	7.14	4439	65.8	28	0,89
1340	V	4		14.8	7:17	4421	60.7	26	0.86
1341	4	1		14.7	7.17	4420	58.2	24	0.80

SAMU AT 1345 11-25-07

PAGE 1 OF 2

Field Form Revision 0 03/14/02

SAMPLING I	NFORMATIC	ON:		POINT ID				
Date/Time					vel @ Sampling			
Method of San	npling:			<u> </u>	Dedicated:	Y / N		
Multi-phased/	layered:	( ) Yes	( ) No	If YES:	()light	( ) heavy		
SAMPLING D	ATA:					<b>(</b> ,,		
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
INSTRUMENT	CHECK DA	.ΤΔ·						
	l #:	NTU std. =	:NTU	N	TU std. =	NTU		
pH Serial #:		4.0 std.=		) std.≍	10	).0 std. =		
Conductivity S	erial #:		u			umhos/cm=		
GENERAL INF								
Weather condit	ions @ time d	of sampling:						
Sample Charac	teristics:							
COMMENTS A	ND OBSER	VATIONS:						
				······		; ,		
certify that san protocals.	npling proced	lures were in a	ccordance wit	h all applica	able EPA, State	and Site-Specific		
Pate:	1_1	By:			Company: _			

Facility:				Sample P	oint ID:	Pw-11	
Field Perso	nnel:	PL TI		Sample M	latrix:	6/2	
SAMPLING	INFORMATIO	ON:				( ) Grab ( ) C	omposite
Date/Time	11-13-67	1 /	070	Water Lev	rel @ Sampling	, Feet:	18.08
Method of S	Sampling:	Pers TAC	ra		_Dedicated:	(Ŷ)IN	
Multi-phase	d/ layered:	( ) Yes	∕No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other	
1033	145	7.06	2966	22.1	-144		
INSTRUME	NT CHECK DA	ATA:					
Turbidity Se	rial #:		ити		TU std. =	_NTU	
pH Serial #: Solutions:		4.0 std.=		) std.=	10	0.0 std. =	
Conductivity	•		tr			umhos/cm=	:
GENERAL I	NFORMATION						
Weather con	ditions @ time o	of sampling:	Clo-	J 50°			
Sample Char	acteristics:		-ke- un	Bester .	Dectos	····	
COMMENTS	AND OBSER						· · · · · · · · · · · · · · · · · · ·
		_					
	*						· · · · ·
							<del></del>
A 1,1							
I certify that s protocals.	ampling procec	lures were in a	ccordance with	n all applica	ble EPA, State	and Site-Specifi	c
Date:	111110	Ву:	MIZI		Company: _	Test Amuel	٤.

	•		LIELD	OBSEKA					
Facility:	Anch	P.L. TP.	······································	Sam	ole Point I <u>D:</u>	Pu-12		·-	
Field Pe	ersonnel:	P.C., 17.		Samı	ole Matrix:	6/w		········	
MONIT	ORTING WELL	. INSPECTIO	٧:						
Date/Tin	ne 11-12-07		323	Cond	l of seal: ( ) Goo ( ) No	d ( ) Cracke ne ( ) Buried		<u></u> %	
Prot. Ca	sing/riser heigh	t:	**	Cond	of prot. Casing				
If prot.ca	asing; depth to	riser below:			··•	() Loose () Damage		Mount -	
Gas Met	er (Calibration/	Reading):	% Gas:		_ % LEI			<b>-</b>	
Vol. Org	anic Meter (Cali	bration/Readin	ıg):	Volat	iles (ppm)				
PURGE	INFORMATIO	N:				a.			
Date / Ti	me Initiated:	11-11-01/32	5	Date /	Time Complete	d:	11-12-57	1/345	
Surf. Me	as. Pt: ( ) Prot. (	Casing	(A) Riser	Riser Diameter, Inches: 6-0					
Initial Wa	ater Level, Feet:	6.29	-,· <u>.</u>	Elevation. G/W MSL:					
Well Tota	al Depth, Feet:	***************************************	·····	Metho	ric				
One (1) F	Riser Volume, G	al:	·····	Dedic	ated: (	<b>Ŷ</b> / N			
Total Vol	lume Purged, G	al:		Purge	d To Dryness	Y 1 (1)			
Purge Ol	bservations:			_ Start	Clary	Finish	Cler	_	
	DATA: (if appl	<u> </u>							
Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other DAP	Other 20	
1310	6-34 200		15.8	7.91	3147	26.4	-128	1.17	
1335			16.0	7.49	3180	12.0	-120	1.01	
			ica	- 445	7100	( - 5.00	3.1.6		

Time	(gpi	e Rate n/htz)	Cumulative Volume	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other o^r	Other 00
1310	6-34	200		15.8	7.91	3147	26.4	-128	1.17
1335				16.0	7.49	3180	12.0	-120	1.01
1340				16.0	7.48	3189	10.47	-118	D. 97
1345	4	L		16.0	7.46	3192	8.64	- 116	0.85

SAMPLING	SINFORMATIO	ON:		POINT II	/w-/	ユ	
Date/Time	11-13-6	1 1	350				6.34
	Sampling:	1c-1stra	ru pour		_Dedicated:	ØIN	<u> </u>
Multi-phase	d/ layered:	( )Yes	(Ó No	If YES:	()light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (one)	Other	
1345	16.0	7.46	3/82	8.64	- 116	0.85	
						·	
INSTRUME	NT CHECK DA	NTA:					
Turbidity Se Solutions:	rial #:	NTU std. =	:NTU	N	TU std. =	_NTU	,
		4.0 std.=	7.0	) std.=	1	0.0 std. =	
Conductivity Solutions:	<b>5</b>		U			umhos/cm=	:
	NFORMATION			<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	•		
Weather con	ditions @ time	of sampling:	Son	550			
	acteristics:		lege				
COMMENTS	S AND OBSER	VATIONS:					
				•			
l certify that s protocals.						and Site-Specif	ic
Date:	11 117107	Ву:	M to		Company:	Tosi Anovica	

Facility:	Facility: Anux			Sample P	oint ID:	PW-13		
Field Persor	nnel:	Pc, Th		Sample Matrix:		6/6	,	
SAMPLING	INFORMATIO	ON:				Grab () C	omposite	
Date/Time	11-13-07	1	1415	Water Lev	rel @ Sampling	, Feet:	28.34	
Method of S	ampling:	SAME P.	. T		_Dedicated:	Ø1 N		
Multi-phased	d/ layered:	( ) Yes	K) No	If YES:	( ) light	( ) heavy		
SÄMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other (		
1417	14,3	7.54	2851	2.85	-185			
INSTRUME	NT CHECK DA	ATA:						
Turbidity Ser			=NTU		TU std. =	ַטדא		
				) std.=	16	0.0 std. =		
Conductivity Solutions:	•		u			umhos/cm	<u> </u>	
GENERAL II	NFORMATION	I:				×		
Weather cond	ditions @ time o	of sampling:	SUN	57 "				
Sample Chara	acteristics:		Cler					
COMMENTS	AND OBSER	VATIONS:						
		•						
	i					· · · · · · · · · · · · · · · · · · ·		
certify that saprotocals.	ampling proced	lures were in a	ccordance with	all applica	ible EPA, State	and Site-Specif	īc	
) Date:	11171 0	Ву:	m 2		Company:	TEST AW	v! C	

Facility:	Brut		<del> </del>	Sample P	oint ID:	PW-14 6/W	
Field Perso	nnel:	PC, TJ	· · · · · · · · · · · · · · · · · · ·	Sample M	latrix:	6/0	
SAMPLING	INFORMATIO					(X) Grab () C	omposite
Date/Time	11-13-07	1 j	300	Water Lev	vel @ Sampling,	Feet:	21.48
Method of S	Sampling:	SAMPLE	forT		rel @ Sampling, _Dedicated: ()light	(D) N	
Multi-phase	d/ layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (OA)	Other )	
1302	14.6	8.85	<i>S8</i> 22	32.9	-185		
INSTRUME	NT CHECK DA	NTA:					
Turbidity Se Solutions:		NTU std. =		М	TU std. =	ָטדא	
pH Serial#: Solutions:		4.0 std.=	7.0	) std.=	16	).0 std. =	
Conductivity			u			umhos/cm	=
	NFORMATION					-	
Veather con	ditions @ time	of sampling:	500	540			
Sample Char					9.0		
COMMENTS	S AND OBSER	VATIONS:					
	ı						
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·				
certify that s rotocals.	sampling proced	dures were in a	ccordance with	all applica	able EPA, State	and Site-Specif	īc
	1(11310)	Ву: _	MX		Company:	TestAncie	2_

Facility:	. ,		P.L., TP.			ple Point I <u>D:</u>	PW-15				
MONIT	ORTII	NG WELI	INSPECTIO	N:	<del></del>				<b></b>		
Date/Tir	ne	//-13-0	7 /	1148	Conc	Cond of seal: (XGood () Cracked					
Prot. Casing/riser height:					()None()Buried  Cond of prot. Casing/riser:()Unlocked ﴿★ Good ()Loose ()Flush Mount						
If prot.ca	asing;	depth to	riser below:				() Damage	:U	<b>-</b>		
Gas Met	ter (Ca	libration/	Reading):	% Gas:		_ % LEI	-:				
Vol. Org	anic M	leter (Cali	bration/Readir	ng):	Volat	iles (ppm <u>'</u>	1				
PURGE	INFO	RMATIO	N:				٠.	<del>-</del>			
Date / Ti	me Ini	tiated:	11-1207 / 1150	<i>&gt;</i>	Date /	Time Complete	ed:	11-13-67	1 1215		
Surf. Me	as. Pt:	Ø Prot. 0	Casing	() Riser	Riser Diameter, Inches: 6.0						
Initial Wa	ater Le	vel, Feet:	7.40		_ Elevation. G/W MSL:						
Well Tota	al Dep	th, Feet:			_ Metho	ric					
One (1) F	Riser V	olume, G	al:	····	_ Dedicated: 🕥 / N						
Total Vo	lume F	urged, G	<u>al:</u>		Purge	d To Dryness	Y /(N)	cle			
Purge Ol	bserva	tions:			Start	Amber	Finish	AMBer	_		
PURGE	DATA	: (if app	licable)								
Time		ge Rate	Cumulative	Temp.	pH	Conduct	Turb.	Other	Other		
	(g	om/htz)	Volume	( C)	(std units)	(Umhos/cm)	(NTU)	DAP	00		
1155	7.45	260		14.3	8.94	10,950	4.45	- 289	1.11		
1206				147	4.88	11,250	3.35	-291	1.06		
1265				14.5	10.15	11,300	3-30	-295	1.61		
1210				14.5	10,29	11,400	3.27	-300	D-98		

10.41

11,490

14.5

1215

3.20

0.94

-304

SAMPLING	INFORMATI	OŅ:		POINT II	)fw	15	
Date/Time	//-/7-67	1 1	220		vel @ Sampling		7.45
Method of S	ampling:	Perisst	ern		_Dedicated:	Ø N	
Multi-phased	d/ layered:	( ) Yes	K) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other (	
					<u> </u>		
INSTRUMEN	NT CHECK DA	ATA:	1		1		
Turbidity Ser	ial #:	NTU std. :	=NTU	N	TU std. =	UTU	,
pH Serial #:		4.0 std.=		0 std.≃	10	).0 std. ≔	
Conductivity	Serial #:			mhos/cm=_		umhos/cm=	<u> </u>
GENERAL II	NFORMATIO	<b>4:</b>					
Weather cond	ditions @ time	of sampling:	SUN S	<i>3</i> °		•	
Sample Chara	acteristics:		Amber				
	AND OBSER				·		
				·			
<del></del>							
I certify that s protocals.	ampling proce	dures were in a	accordance wi	th all applic	able EPA, State	and Site-Specif	ic
Date:	( 11310)	Ву:	1125		Company: _	TUTAM-ICA	

Facility: Anc/	Sample Point ID: PZ-101	
Field Personnel:	Sample Matrix: 6/W	
MONITORTING WELL INSPECTION:		
Date/Time 11-13-07 , 1401	Cond of seal: () Good () Cracked () None () Buried	<u>%</u>
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Go ( ) Loose ( ) Flush M ( ) Damaged	ood lount
If prot.casing; depth to riser below:	( ) Damageu	
Gas Meter (Calibration/ Reading): % Gas:		
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm;/	
PURGE INFORMATION:		
Date / Time Initiated: 11-13-61 / 1405	Date / Time Completed: 1/-13-57 /	1430
Surf. Meas. Pt: () Prot. Casing Riser	Riser Diameter, Inches: 2.0	)
Initial Water Level, Feet:	Elevation. G/W MSL:	
Well Total Depth, Feet: 21.69	Method of Well Purge: Pund	
One (1) Riser Volume, Gal:	Dedicated: Ø / N	
Total Volume Purged, Gal:	Purged To Dryness Y (A)	
Purge Observations:	Start Clew Finish Clew	
PURGE DATA: (if applicable)		

Time		e Rate	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other pAr	Other
1410	150	15.17		13.0	7.54	5386	8.75	-152	1.63
1415		15.21		13.0	7.44	5463	6.71	-152	1.24
1420		15.23		129	7.34	6152	5.07	-155	1.20
1425				12.9	7:37	6114	5.18	-154	1.19
1430	L	1		12.8	7.38	6086	5.03	-153	1.17

Sampled @ 1430 on 11-13-07

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SAMPLING INFO	ORMATI	OŅ:		POINT ID				
Date/Time				Water Level @ Sampling, Feet:				
Method of Sampli	ing:				_Dedicated:	Y / N		
Multi-phased/ lay	ered:	( )Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING DAT	Ά:							
	Femp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
INSTRUMENT C	HECK D	ATA;	<u> </u>	<u> </u>				
Turbidity Serial #: Solutions:		NTU std. =			TU std. =	_NTU		
oH Serial #:			7.0	) std.=	- 1	10.0 std. =		
Conductivity Seria	d#:		u			umhos/cm=		
GENERAL INFO					-			
Veather condition	s @ time	of sampling:						
ample Characteri	stics:							
COMMENTS AND	OBSEI	RVATIONS:						
	<del></del>			<u></u>				
			- <del></del>					
						· ·		
certify that sampl rotocals.	ing proce	edures were in a	accordance wit			te and Site-Specific		
Pate:	ı	Ву:			Company:			

Facility: ARCH  P.L., TP.  Field Personnel:	Sample Point ID: PZ-102 Sample Matrix: 6/\w
MONITORTING WELL INSPECTION:	
Date/Time 11-13-07 / 1310	Cond of seal: (4) Good ( ) Cracked % ( ) None ( ) Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked & Good ( ) Loose ( ) Flush Mount
If prot.casing; depth to riser below:	() Damaged
Gas Meter (Calibration/ Reading): % Gas:	/% LEL:/
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm / /
PURGE INFORMATION:	
Date / Time Initiated: 11-13-67 / 1313	Date / Time Completed: 11-13-07 1, 1335
Surf. Meas. Pt: ( ) Prot. Casing Riser	Riser Diameter, Inches:
Initial Water Level, Feet:   9.10	Elevation. G/W MSL:
Well Total Depth, Feet: 32.60	Method of Well Purge: Pund
One (1) Riser Volume, Gal:	Dedicated:
Total Volume Purged, Gal:	Purged To Dryness Y
Purge Observations:	Start Clew Finish Clew
PURGE DATA: (if applicable)	,

Time	(gpn	e Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other DAP	Other
1320	150	1937		14.0	7.55	5413	3.58	-185	093
1325		19.40		13.7	7.43	5206	2.80	-192	0.91
1330				13.6	7.42	52 39	2.85	-201	0.89
1335	1	1		13.6	7.45	5231	2.63	-204	0.88

Sampled @ 1335 on 11-13-07

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SAMPLING	INFORMATI	ON:		POINT ID				
Date/Time				Water Level @ Sampling, Feet:				
Method of Sa	mpling:		···········		Dedicated:	Y / N		
Multi-phased/	layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING I	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
INSTRUMEN	T CHECK D	ATA:						
Turbidity Seria	al #:	NTU std. :	=NTU		ITU std. ≔	_NTU		
		4.0 std.=	7.	0 std.=		10.0 std. =		
Conductivity S Solutions:	Serial #:		. <u></u> u		<u> </u>	umhos/cm=		
GENERAL IN					-			
Weather condi	itions @ time	of sampling:						
Sample Charac	cteristics:							
COMMENTS	AND OBSE							
		· .						
		·						
certify that sa Protocals.						e and Site-Specific		
Pate:	1 1	Ву:			Company:			

·	- ODOLIN	7170110					
Facility: AncH	Sam	ole Point ID:	PZ-103				
Field Personnel:	Sam	ole Matrix:	PZ-103 6/W		****		
MONITORTING WELL INSPECTION:					And and		
Date/Time 11-13-07 / 1223	Cond	of seal: X Goo () No	d ( ) Cracke ne ( ) Buriec		%		
Prot. Casing/riser height:	Cond	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount					
If prot.casing; depth to riser below:	<del></del>	_	ex Damage	on 3	Jub bake		
Gas Meter (Calibration/ Reading): % Gas	:	_ % LEI			<del></del>		
Vol. Organic Meter (Calibration/Reading):	Volat	iles (ppm)	1	_			
PURGE INFORMATION:			•^				
Date / Time Initiated: 11-13-07, 12-27	Date /	Time Complete	·d:	11-13-07	, 1250		
Surf. Meas. Pt: () Prot. Casing Rise	r Riser	Diameter, Inche	s:	2.0	)		
Initial Water Level, Feet: 1299	Eleva	tion. G/W MSL:		***************************************			
Well Total Depth, Feet:	Metho	d of Well Purge	:	PERISTAL	ric		
One (1) Riser Volume, Gal:	Dedic	ated:	Q/N	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Total Volume Purged, Ga <u>l:</u>	Purge	d To Dryness	Y / ()				
Purge Observations:	Start	Clean	Finish	Clear			
PURGE DATA: (if applicable)		ĭ					
Time Purge Rate Cumulative Temp (gpm/htz) Volume (C)	. pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other		
1235 mi. mm W 15.4	6.97	5621	20)	-233	1.19		

Time	(gpn	e Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other o^^	Other 00
1235	m1.mm 150	13.73		15.4	6.97	5621	2.01	-233	1.19
1240		13.75		15.3	7.09	49 73	2.22	-240	1.03
1245				15.2	7.04	5007	2.17	-242	1.01
1250				15.3	7.06	5029	2.05	-244	1.0

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Sampler @ 1250 on 11-13-07

SAMPLING	INFORMAT	IOŅ:		POINT ID				
Date/Time								
Method of Sa	ampling:			····	_Dedicated:	Y / N		
Multi-phased	i/ layered:	( ) Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING	DATA:							
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
					·			
INSTRUMEN	IT CHECK D	ATA:	<u></u>	<u> </u>				
Turbidity Seri	ial #:	NTU std. :	=NTU	N	TU std. =	NTU		
	<del></del>	4.0 std.=	7.0	0 std.=	10	0.0 std. =		
Conductivity : Solutions:	Serial #:		u	mhos/cm=_	-	umhos/cm=		
GENERAL IN		•						
Weather cond	litions @ time	of sampling:						
Sample Chara	cteristics:							
COMMENTS	AND OBSE	RVATIONS:						
	***************************************							
	<del></del>							
					able EPA, State	and Site-Specific		
Pate:	1 1	By:			Company:			

Facility: ARCH P.L., TP. Field Personnel:	Sample Point ID: PZ-104 Sample Matrix: 6/W
MONITORTING WELL INSPECTION:	
Date/Time 11-13-07 / 1142	Cond of seal: () Good () Cracked % () None () Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose Flush Mount ( ) Damaged
If prot.casing; depth to riser below:	( ) Damaged.
Gas Meter (Calibration/ Reading): % Gas:	
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm¦/
PURGE INFORMATION:	~·
Date / Time Initiated: 11/3-07 / 1145	Date / Time Completed: 11-13-07 , 17.05
Surf. Meas. Pt: ( ) Prot. Casing	Riser Diameter, Inches: 2.0
Initial Water Level, Feet: 1460	Elevation. G/W MSL:
Well Total Depth, Feet:	Method of Well Purge: fund
One (1) Riser Volume, Gal:	Dedicated: Q / N
Total Volume Purged, Gal:	Purged To Dryness Y / (N)
Purge Observations:	StartClewFinishCle
PURGE DATA: (if applicable)	
Time Purge Rate Cumulative Temp.	pH Conduct Turb. Other Other

Time	(gpn	Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
1150	200	14.67		167	7.12	ISII	4.13	-217	1:11
1155				16.7	7.10	1510	2.24	-217	0.98
1200				16.8	7.07	1511	2.38	-221	0.95
1205		1		16.7	7.08	1516	2.24	-218	0.94

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Field Form Revision 0 03/14/02

SAMPLING INFORMA	ATION:		POINT ID				
Date/Time			Water Level @ Sampling, Feet:				
Method of Sampling:	**************************************		· · · · · · · · · · · · · · · · · · ·	Dedicated:	Y / N		
Multi-phased/ layered:	( )Yes	( ) No	If YES:	( ) light	( ) heavy		
SAMPLING DATA:							
Time Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
				,			
INSTRUMENT CHECK	DATA:						
Turbidity Serial #: Solutions:	NTU std.	=NTU	^	ITU std. =	_NTU		
pH Serial #:		7.	0 std.=	1	0.0 std. =		
Conductivity Serial #: Solutions:		u	mhos/cm=		umhos/cm=		
GENERAL INFORMAT	ION:	. "		_			
Weather conditions @ ti	me of sampling:						
Sample Characteristics:							
COMMENTS AND OBS				-			
					·		
certify that sampling prorotocals.							
Date:	Ву:			Company:			

Facility: ARCH P.L., TP.	Sample Point ID: P2-105 Sample Matrix: 6/W	
Field Personnel:	Sample Matrix: 6/W	
MONITORTING WELL INSPECTION:		
Date/Time /1-12-67 / 1/047	Cond of seal: ( ) Good ( ) Crack ( ) None (x) Burie	70
Prot. Casing/riser height:		Flush Mount
If prot.casing; depth to riser below:	( ) Damaç	ged.
Gas Meter (Calibration/ Reading): % Gas:	/ % LEL: /	
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm;/	· <del></del>
PURGE INFORMATION:	4.	
Date / Time Initiated: / F/2-07 / /050	Date / Time Completed:	11-12-07 1 /110
Surf. Meas. Pt: () Prot. Casing (**) Riser	Riser Diameter, Inches:	2.0
Initial Water Level, Feet: 8.04	Elevation. G/W MSL:	
Well Total Depth, Feet: 32.86	Method of Well Purge:	Peristaltic Pund
One (1) Riser Volume, Gal:	Dedicated: N	
Fotal Volume Purged, Ga <u>l:</u>	Purged To Dryness Y / N	
Purge Observations:	Start Clean Finish	Clar
PURGE DATA: (if applicable)		

Time	(gpn	Rate n/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other
1055	8.10	75		16.9	7.41	3169	41.7	-130	1.26
1100	8.15			15.9	7.52	3025	53.9	- 92	1.20
1105	8.21			15.5	7.60	3020	527	-90	1.18
11 10	8.29	L		15.7	7:65	3020	50.0	-89	1.15
				-					

SAMPLING	INFORMATIO			POINT II			
Date/Time	11-12-07	1 1	115 117 a	Water Le	Feet:		
Method of S	ampling:	Perist	Ma		Dedicated:	Y / N	<del></del>
Multi-phase	d/ layered:			If YES:	()light	·	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other	
1110	<i>(5.3</i>	7.65	3020	50,0	-89	1.15	
INSTRUME	NT CHECK DA	NTA:					
Turbidity Ser	ial #: 392C		=NTU		TU std. =	NTU	
pH Serial #: Solutions:	614162	4.0 std.=		0 std.=	10.	0 std. =	
Conductivity Solutions:	0		u	mhos/cm≕_		umhos/cm=	
	NFORMATION			<del></del>	•		•
Weather cond	ditions @ time	of sampling:	C (00,5	. 48			
Sample Char			10				<del></del>
COMMENTS	AND OBSER	VATIONS:					
		•		······································			
						· · · · · · · · · · · · · · · · · · ·	
				······································		***	
certify that s	ampling proced	dures were in a	accordance wit	h all applic	able EPA, State	and Site-Specific	
Date:	1/2107	Ву: _	MX	<del></del>	Company:	74(	

Facility: AncH  P.L., TP.  Field Personnel:	Sample Point ID: PZ-166 Sample Matrix: 6/W
MONITORTING WELL INSPECTION:	•
Date/Time //-/3-07 / /227	Cond of seal: (*) Good ( ) Cracked %  ( ) None ( ) Buried
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked (4) Good ( ) Loose ( ) Flush Mount
If prot.casing; depth to riser below:	() Damaged
Gas Meter (Calibration/ Reading): % Gas:	/ % LEL:/
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm'/
PURGE INFORMATION:	
Date / Time Initiated: //-//-0) / /230	Date / Time Completed: //-/3-07 / 1/250
Surf. Meas. Pt: ( ) Prot. Casing	Riser Diameter, Inches: 7.0
Initial Water Level, Feet:	Elevation. G/W MSL:
Well Total Depth, Feet: 27. 90	Method of Well Purge: Pont
One (1) Riser Volume, Gal:	Dedicated:
Total Volume Purged, Gal:	Purged To Dryness Y N
Purge Observations:	Purged To Dryness Y (N)  Yellow Tent  Start _ Chr Finish _ Chr
PURGE DATA: (if applicable)	Marin Contract Advantage Annual Contract Annua

PURGE DATA: (if applicable)

Time		e Rate n/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other
1235	WC 10.47	100		14.2	7,73	9649	40.1	-1/8	1.00
1240	11.25			14.3	7.68	9820	35.2	-160	0.87
1245	11.51			14.4	7.60	9854	35.1	-162	0.94
1250	11.90	4		14.3	7:54	9861	33.0	- 163	0-90
				-					

SAMPLING	INFORMATIO	ΟŅ:		POINT II			
Date/Time	11-13-0	<u>, , , , , , , , , , , , , , , , , , , </u>	1250	Water Le	vel @ Sampling,	Feet:	11.20
Method of S	ampling:	Perass	erc		Dedicated:	(D) N	
Multi-phase	d/ layered:	( ) Yes	K) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( oハ/ )	Other	
1250	14-3	7.54	9861	33.0	-163	0.80	
INSTRUME	NT CHECK D	ATA:					
Turbidity Se			=NTU		ITU std. =	NTU	,
pH Serial #: Solutions:		4.0 std.=	7.	0 std.=	10	.0 std. =	
Conductivity Solutions:	Serial #:		u	mhos/cm=		umhos/cm=	=
	NFORMATIO		•		-		
Weather con	ditions @ time	of sampling:		55 "			
Sample Char	acteristics:		Sun Yellow	tino	Cle-		
	S AND OBSER						
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			-				
						-	
I certify that s protocals.	sampling proce	dures were in	accordance wi	th all applic	cable EPA, State	and Site-Specif	ic .
Date:	11 113 107	Ву:	MA		Company: _	Tellfore	K 14

PAGE 2 OF 2

Facility: Ancil P.L., TP. Field Personnel:	Sample Point ID: P2-107 Sample Matrix: 6/W	
MONITORTING WELL INSPECTION:		
Date/Time 11-12-67 1 1242	Cond of seal: ( ) Good ( ) Cracked ( ) None & Buried	%
Prot. Casing/riser height:	Cond of prot. Casing/riser: ( ) Unlocked ( ) Good ( ) Loose ( ) Flush Mount	ŧ
If prot.casing; depth to riser below:	() Damaged	,
Gas Meter (Calibration/ Reading): % Gas:		
Vol. Organic Meter (Calibration/Reading):	Volatiles (ppm /	
PURGE INFORMATION:		
Date / Time Initiated: 11-12-07   /245	Date / Time Completed: //-ローロー / / / / / / / / / / / / / / / / / /	T
Surf. Meas. Pt: ( ) Prot. Casing (XRiser	Riser Diameter, Inches: 2.0	
Initial Water Level, Feet: 7.28	Elevation. G/W MSL:	
Well Total Depth, Feet: 27. 90	Method of Well Purge: Pont	
One (1) Riser Volume, Gal:	Dedicated: 🗭 N	
Total Volume Purged, Gal:	Purged To Dryness Y M	
Purge Observations:	Start Cher Finish Che	
PURGE DATA: (if applicable)		

Time	(gp	je Rate m/htz)	Cumulative Volume	Temp. (C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
1250	7.41	200		137	7.54	22.68	2-01	-191	101
1255				14.2	7.58	2250	2.00	-203	0.96
1300				14.5	7.62	2241	2.00	-207	6.90
1305				14.6	7:68	2234	1.98	- 709	0-84

SAMPLING	7						
Date/Time	11-12-07		1310	Water Lev	vel @ Sampling,	Feet:	7.41
	ampling:	fer. 554	Men		_Dedicated:	Ø10	
Multi-phased	l/ layered:	( ) Yes	A) No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (ON)	Other	
1305	14.6	7.68	2277	1.98	-209	0.84	
INSTRUMEN	NT CHECK DA	TA:					
Turbidity Ser			=NTU		TU std. =I	UTU .	,
pH Serial #: _ Solutions:		4.0 std.=	7.0	) std.=	10.	.0 std. =	
Conductivity Solutions:			u			umhos/cm=	
	NFORMATION	,					
Weather cond	litions @ time c	of sampling:		wd 5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Sample Chara	cteristics:		Clear				
COMMENTS	AND OBSER	VATIONS:		~			
				,		·	
···							<del> </del>
			· · · · · · · · · · · · · · · · · · ·				
				· · · · · · · · · · · · · · · · · · ·			
certify that sa	ampling proced	lures were in a	ccordance with	ı all applica	able EPA, State	and Site-Specific	3
Date: <u>//</u>	112107	Ву:	MZ		Company:	TAL	

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Facility:	<u>Anc</u> H	Chamical		Sample P	oint ID:	00-1	
	onnel:	<i>^</i>		Sample N	latrix:	SW	
SAMPLIN	IG INFORMATI					( ) Composite	ļ
Date/Time	12-10-0	) 1	1241	Water Lev	vel @ Sampling	, Feet:	
Method of	Sampling:	Man	AL CMB	·····	_Dedicated:	Y / N	
Multi-phas	ed/ layered:	( )Yes	(d) No	If YES:	( ) light	( ) heavy	
SÄMPLIN	G DATA:						
Time	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other ( )	
1250	<i>8</i> .7	7.36	1511				
INSTRUM	ENT CHECK D	ATA:					
•	Serial #:	NTU std.	=NTU		ITU std. =	_NTU	
					1	0.0 std. =	
	ty Serial #:		u	mhos/cm=		umhos/cm=	
GENERAL	. INFORMATIO	N:					
Weather co	onditions @ time	of sampling:	Claus	1 700			
	aracteristics:						
COMMEN	TS AND OBSEI						
	· · · · · · · · · · · · · · · · · · ·						<del></del>
·····							<del></del>
	t sampling proce	edures were in	accordance wit	h all applic	able EPA, State	and Site-Specific	
protocals.			A -		•	- 2 -	
Date:	12110107	By:	MI	<u> </u>	Company:	TAC	

Facility:	PIRCH  Ponnel: R. SENF			Sample P	oint ID:	90-2		
Field Perso	nnel:	R. 56	UP	Sample N	latrix:	OUTFAC MGrab () Co	<i></i>	
SAMPLING	3 INFORMATIO	ON:				() Composite		
Date/Time	11-09-0	7 1/	600	Water Lev	rel @ Samplin	g, Feet:	NA	
Method of S	Sampling:	MANU	AL GRA	7 13	_Dedicated:	Y/N	ŕ	
Multi-phase	ed/ layered:	( )Yes	No	If YES:	( ) light	( ) heavy		
SAMPLING	DATA:	1						
Time	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other (		
1610	11,0	7,97	2336					
INSTRUME	ENT CHECK DA	ATA:						
Turbidity Se	erial #:	NTU std. =		N	TU std. =	_טדא		
Carlo Manager				) std.=		10.0 std. =	<del></del>	
Conductivity Solutions:	y Serial #:		u	mhos/cm=		umhos/cm=		
GENERAL	INFORMATION	<b>1</b> :						
Weather cor	nditions @ time	of sampling:	CLOUD-	, 40°F		*		
Sample Cha		CCEAN	· · · · · · · · · · · · · · · · · · ·		171 <del>1111111111111111111111111111111111</del>			
COMMENT	S AND OBSER	VATIONS:						
	;							
							· · · · · · · · · · · · · · · · · · ·	
certify that sorotocals.	sampling proce	dures were in a	ecordance with	all applica	able EPA, Stat	e and Site-Specifi	c	
Pate: /	11 10907	Ву:	3/	1	Company:	TAC		
		F	PAGE 1 OF 1			•		

						.,
Facility:	AncH nnel:	Chemic AL	-	Sample P	oint ID:	00-2
Field Person	nnel:	P. LIHTE		Sample N	latrix:	OUTTAIL
SAMPLING	SINFORMATION	ON:				(x) Grab () Composite
Date/Time	12-10-07	1 /	215	Water Lev	vel @ Sampling	ı, Feet:
Method of S	ampling:	MANUAL	6113		_Dedicated:	Y/N
Multi-phase	d/ layered:	( ) Yes	Ø No	If YES:	( ) light	( ) heavy
SAMPLING	DATA:					
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other
1218	8.0	7.20	1982			
INSTRUME	NT CHECK DA	ATA:				
•	rial #:	NTU std.	=NTU		{TU std. =	_NTU
		4.0 std.=	7.	0 std.=		0.0 std. =
Conductivity			ย	mhos/cm=		umhos/cm=
GENERAL I	INFORMATIO	<b>1</b> :				·
Weather con	ditions @ time	of sampling:	Cloud	IC 7.	3	•
Sample Char						
·	S AND OBSER					
JOHN LIVI	JAND ODOLIN	WATIONS.				
w <u></u>			······································	····		
				<del></del>	· · · · · · · · · · · · · · · · · · ·	
I certify that sprotocals.	sampling proce	dures were in a	accordance wif	h all applic	able EPA, State	e and Site-Specific
•	12/16/07	Ву:	N 7.		Company:	
in early	~ <i>         </i>	ωy.		7	сопрапу:	/ //~ \

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Facility:	r: ARCH			Sample P	oint ID:	90-251	
Field Perso	nnei:	RISA	NF	Sample M	latrix:	() Grab () Composite	
SAMPLING	3 INFORMATIO	N:				() Grab () Co	mposite
Date/Time	<u>//-09-07</u> Sampling:	1/	625	Water Lev	vel @ Sampling	, Feet:	NA
Method of S	Sampling:	DIF	PAR		_Dedicated:	YN	
Multi-phase	ed/ layered:	( ) Yes	No	If YES:	( ) light	( ) heavy	•
SAMPLING	DATA:						
Time	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )	
1630	10.3	7,90	515				
INSTRUME	NT CHECK DA	NTA:					
Turbidity Se	erial #:	NTU std. :	=UTN	N	TU std. =	ַטדא	
pH Serial #: Solutions:			7.0	) std.=	1(	).0 std. =	
Conductivity Solutions:	y Serial #:		u			umhos/cm=_	
	INFORMATION						
	iditions @ time (		CLOUDY	40°F			
Sample Chai		CLAGA					
COMMENTS	S AND OBSER	VATIONS:					
		-					
	÷						
			<del></del>		······································		
	<u> </u>			<del></del>			
certify that sorotocals.	sampling proced	lures were in a	ccordance with	h all applica	able EPA, State	and Site-Specific	
•	12 10907	ву:	31	)	Company: _	TAL	

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#### **FIELD OBSERVATIONS**

Facility:	Ancıı	Chroniac		Sample Point ID:		00-281			
Field Perso	nnel:	P. Little		Sample M	atrix:	CANAC			
SAMPLING	INFORMATIO	ON:				(서) Grab ( ) Composite			
Date/Time	12-10-07		210	Water Lev	el @ Sampling,	Feet:			
				Dedicated: Y					
Multi-phase	d/ layered:	( ) Yes	(⁄) No	If YES:	( ) light	( ) heavy			
SAMPLING	DATA:								
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other (			
1213	2.7	7.32	583		**				
INSTRUME	NT CHECK DA	ATA:							
Turbidity Se Solutions:	rial #:	NTU std. =		N	TU std. =	UTM			
C . 1					10	0.0 std. =			
Conductivity Solutions:	/ Serial #:					umhos/cm=			
	INFORMATION								
Weather con	ditions @ time	of sampling:	C lo	ud) 70					
Sample Cha	racteristics:		Clear			***************************************			
COMMENT	S AND OBSER	VATIONS:							
		· · · · • · · · · · · · · · · · · · · ·	~~~~	· · · · · · · · · · · · · · · · · · ·					
				·					
				····					
certify that	sampling proce	dures were in a	ccordance with	all applica	able EPA, State	and Site-Specific			
Date:	12/10/07	Ву:	MX	t t	Company: _	746			

Facility:		Sample P	oint ID:	95-4			
Field Personnel:	R. 5	EUF	Sample N	latrix:	5RRP		
SAMPLING INFORM	MATION:		v		Grab ( ) Composite		
Date/Time 11-09	9-07 1	1540	Water Lev	vel @ Sampling	, Feet:	N/A	
Method of Sampling:	MAN	uac GRAG	?	Dedicated:	Y/N		
Multi-phased/ layered	: ( ) Yes	No	If YES:	( ) light	( ) heavy		
SÅMPLING DATA:		(					
Time Tem		Conduct (Umhos/cm)	Turb. (NTU)	Other ( )	Other ( )		
1550 10.	7 8.09	7/6/1					
INSTRUMENT CHEC	K DATA:						
Turbidity Serial #:	NTU sto		/	ITU std. =	_טדע		
pH Serial #:		7.		- 1 -	0.0 std. =		
Conductivity Serial #: Solutions:		u	mhos/cm=		umhos/cm=		
GENERAL INFORMA	TION:						
Weather conditions @	time of sampling:	Clousy	, 40°F				
Sample Characteristics	<b>a</b> .	•					
COMMENTS AND OF	SERVATIONS:					•	
		***************************************				· · · · · · · · · · · · · · · · · · ·	
	4						
			······································				
I certify that sampling p protocals.	procedures were in	n accordance wit	h all applic	able EPA, State	and Site-Specifi	c	
Date: 11 P910	フ By:	8/	7	Company:	TAC		
		PAGE 1 OF 1		· " -			

						,	
Facility:	ARCH	Chemical	***************************************	Sample F	oint ID:	Q5-4	
Field Person	ARCH nnel:	P.Little		Sample Matrix:		QS-4 SEEP	
SAMPLING	INFORMATIO	ON:					omposite
Date/Time	12-10-67	1 1	1125	Water Lev	vel @ Sampling	g, Feet:	griddhlaugha.
Method of S	ampling:	MARION	GANS		_Dedicated:	Y/N	
Multi-phase	d/ layered:	( ) Yes	( <b>v</b> ) No	If YES:	( ) light	( ) heavy	
SÄMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other (	Other (	
٥٢١١	9.2	7.10	1387				
INSTRUME	NT CHECK DA	ATA:					
			E 944-7 E	_			
Solutions:	rial #:	NIU sta.	=NIU	^	(   U std. =	_NTU	
nH Serial #•	Civilia	40 std == 44	.00 7	n etd = '7.	- 00 4	0.0 std. =	
	4-KQT					0.0 Sta	<del></del>
					/00 °	umhos/cm	<b>=</b>
	3715						
GENERAL I	NFORMATION	<b>1</b> :					
Weather con	ditions @ time	of sampling:	<u></u>	00) T	0	·	
Sample Char	acteristics:	C/=	- phone				
COMMENT	AND ODGEN	WATIONS.			· · · · · · · · · · · · · · · · · · ·		
					<del></del>		· · · · · · · · · · · · · · · · · · ·
	······································						
certify that s	ampling proce	dures were in :	accordance wit	th all applic	able EPA, State	e and Site-Specif	ic
protocals.					, ,		
Date:	121101 07	Rve	1111		Company	TAI	

SAMPLING	INFORMATI	ΟŅ:		POINT II	o 5-J	?	
Date/Time	11-12-17		1240	Water Le	vel @ Sampling	. Feet:	7-6-6
Method of S	ampling:	Per	sthere		_Dedicated:		7.88
					()light		
SAMPLING						, ,	
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other	
INSTRUMEN	IT CHECK DA	ιΤΑ:			<u> </u>		
Turbidity Seri	al #:	NTU std. =	=NTU	N	TU std. =	NTU	
pH Serial #: _ Solutions:	<u></u>		7.0		10	.0 std. =	
Conductivity ( Solutions: _	<b></b>		un	nhos/cm=_		umhos/cm=_	
	FORMATION			<del></del>			
Weather condi	itions @ time o	f sampling:	Clous	480			
Sample Chara	cteristics:		clous	LACK TIN			<u> </u>
	AND OBSERV						
· ·						· · · · · · · · · · · · · · · · · · ·	
							· · · · · · · · · · · · · · · · · · ·
certify that sar	npling procedi	Ires were in a	cordance with	all applical	ole EPA, State a	and Site-Specific	70.11
ate: <u>//</u>	112107	Ву:	N 25	**************************************	Company:	TAC	

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	-										
Facility:	ARCH			Samp	le Point I <u>D:</u>	3					
Field Per	sonnel:	P.L. TP.		Sampl	Sample Matrix: 6/w						
моніто	RTING WELL	INSPECTION	:		. 4	·-					
Date/Time	e //-12-07	1 12	/ı	Cond	<i>UA دنا</i> ) of seal: ( ) Good ( ( ) None			<u>%</u>			
	ing/riser height			Cond			() Flush !				
If prot.ca	sing; depth to r	iser below:	· · · · · · · · · · · · · · · · · · ·					•			
Gas Mete	er (Calibration/ F	Reading):	% Gas:		% LEL:						
Vol. Orga	nic Meter (Calib	oration/Reading	3):	Volatil	es (ppm'/		<b>.</b>				
PURGE	INFORMATION	ર્ય:									
Date / Tin	ne Initiated: //	1-12-07 1 12	יצי	Date /	Time Completed:	,	11-12-07 1	1235			
Surf. Mea	s. Pt: ( ) Prot. C	asing	() Riser	Riser I	Diameter, Inches:		VAUL	<i></i>			
Initial Wa	ter Level, Feet:	2.1c	<u> </u>	Elevat	ion. G/W MSL:			<del></del>			
Well Tota	l Depth, Feet:		·	Metho	d of Well Purge:		Peristall PUMS	· C			
One (1) R	liser Volume, G	al:		Dedica	ated:	<i>71</i> N					
Total Vol	ume Purged, Ga	al:		Purge	d To Dryness Y	10	BEALK TI	w.			
Purge Ob	servations:		·	Start	<u>clev</u> F	inish	Clear				
PURGE	DATA: (if appl	icable)									
Timę	Purge Rate (gpm/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other OAP	Other 00			

Time		e Rate n/htz)	Cumulative Volume	Temp. ( C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other OAP	Other 00
1220	270	200		11.1	7.53	2368	9.47	-10	1.20
1225				11.0	7,53	2380	6.11	-8	1.16
1230				11.0	7.60	2387	5.10	-5	1.11
1235		A		10.8	7.69	2386	3.92	-3	1.06
	4								

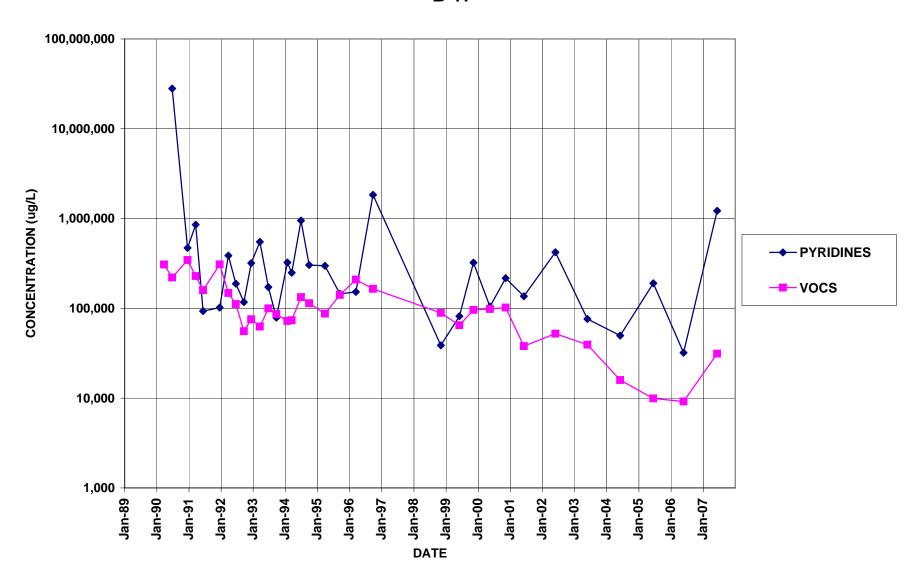
				CIEL	D ORSEK	CVAHONS						
Facilit	y:/ <u>/</u>	ACH			Sa	mple Point I <u>D:</u>	$C\mathcal{U}$		•			
Field F	<sup>2</sup> ersonn	iel:	P.L. TP									
MONI	TORTIN	1G WEI	LL INSPECTION	ON:	Sai	mple Matrix:	6/10					
			<u>, , , , , , , , , , , , , , , , , , , </u>		() Stacked							
Prot. C	asing/ri	ser heig	Jht:		Cor	d of prot. Casin	lone ( ) Burie ng/riser: ( ) U		Good			
If prot.	casing;	depth to	riser below:				() Damag	jed	n Mount 			
Gas Me	ter (Cal	ibration	/ Reading):	% Gas:	J	% LE	=1 · /		•			
Vol. Org	ganic M	eter (Ca	libration/Readi	ng):		tiles (ppm <u>'</u>						
PURGE	INFO	RMATIC	DN:			(F.,)	,	<del></del>				
Date / Ti	ime Initi	iated:	11-12-07/	316	Date	/ Time Complet	ed:	11-12-67	1 ,76			
			Casing		Riser Diameter, Inches: UAUCT							
Initial W	ater Lev	/el, Feet	:8	<u>/</u>	_ Eleva	tion. G/W MSL:						
Well Tot	al Depti	ı, Feet:			Meth	Method of Well Purge: Post'static						
One (1) I	Riser Vo	lume, G	al:	······	_ Dedic	ated:	(Ŷ) N					
Total Vol	lume Pu	ırged, G	al:		_ Purge	ed To Dryness  BCACH SPECHS	Y /(N)	- 1				
Purge Ol	oservati	ons:		······································		Cler		Clair Steks				
PURGE	DATA:	(if app	licable)									
Time	Purg (gpn	e Rate n/htz)	Cumulative Volume	Temp.	pH (std units)	Conduct	Turb.	Other	Other			
1320	wL ,8/	200		128	7.96	(Umhos/cm)	70.0	ONP	1.39			
1325						001	10.0	-74	1.3/			

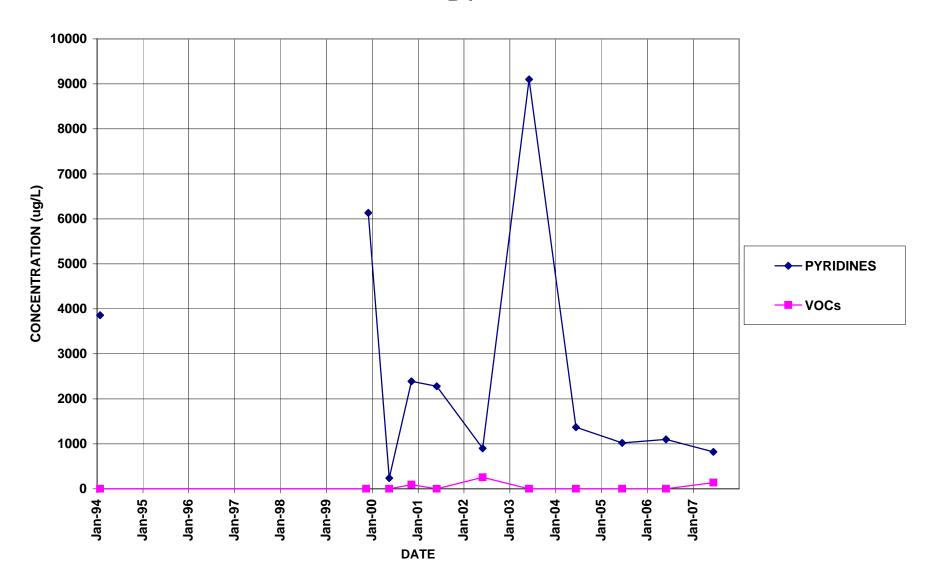
Time		e Rate n/htz)	Cumulative Volume	Temp.	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other	Other 00
1320	,8/	200		12.8	7.96	887	70.0	-74	1.39
1325				12.5	7.77	853	60.9	-69	1,34
1330				12.5	7.69	850	55.6	-64	1.29
1335				12.4	7.68	848	20,2	-63	1.20
1340				12.4	7.68	8 43	15.72	-60	1.16

SAMPLING	INFORMATIO	N:		POINT ID			
Date/Time	11-12-07	1 /2	745	Water Lev	Feet:	181	
Method of Sa	impling:	Peris	raru		vel @ Sampling, _Dedicated:	DB R	:
Multi-phased	/ layered:	( ) Yes	⋈ No	If YES:	( ) light	( ) heavy	
SAMPLING	DATA:						
Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	Other ( 6AA )	Other	
1340	12.4	7.68	843	15.12	60	1.16	
INSTRUME	NT CHECK DA	NTA:					
	ial #:				ITU std. =	NTU	,
					<b>1</b> 0	0.0 std. =	·
Conductivity Solutions:	Serial #:					umhos/cm	=
	NFORMATIO						
Weather con	ditions @ time	of sampling:	Close S	1 50	ÿ		
Sample Char	acteristics:		Clera S	(Neck)			
COMMENTS	S AND OBSER	RVATIONS:					
				,			
							<u> </u>
				<u></u>			
I certify that protocals.	sampling proc	edures were ir	accordance w	ith all appl	icable EPA, Stat	e and Site-Spec	ific
Date:	11 12107	Ву:	~ 2	<del>-</del>	Company:	TAC	

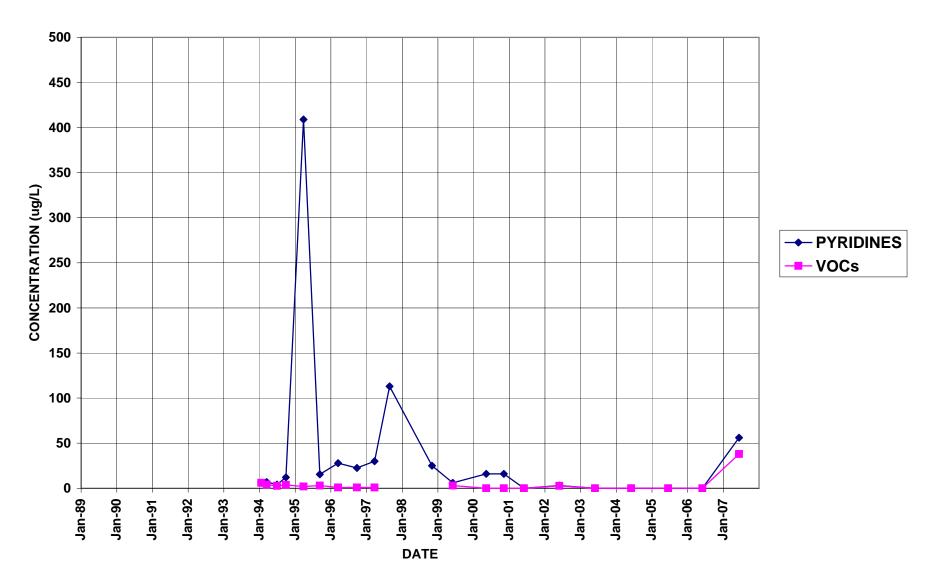
Appendix B

**Well Trend Data** 

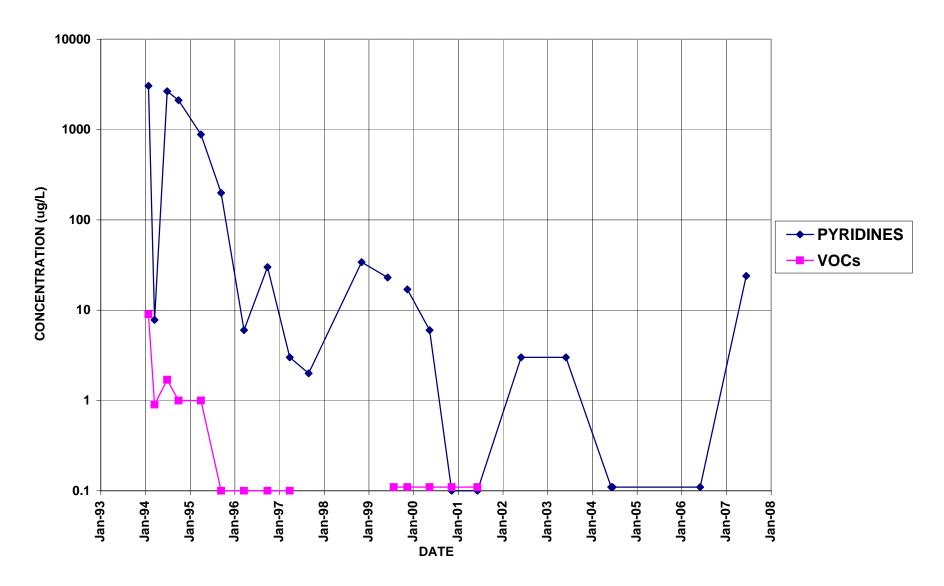


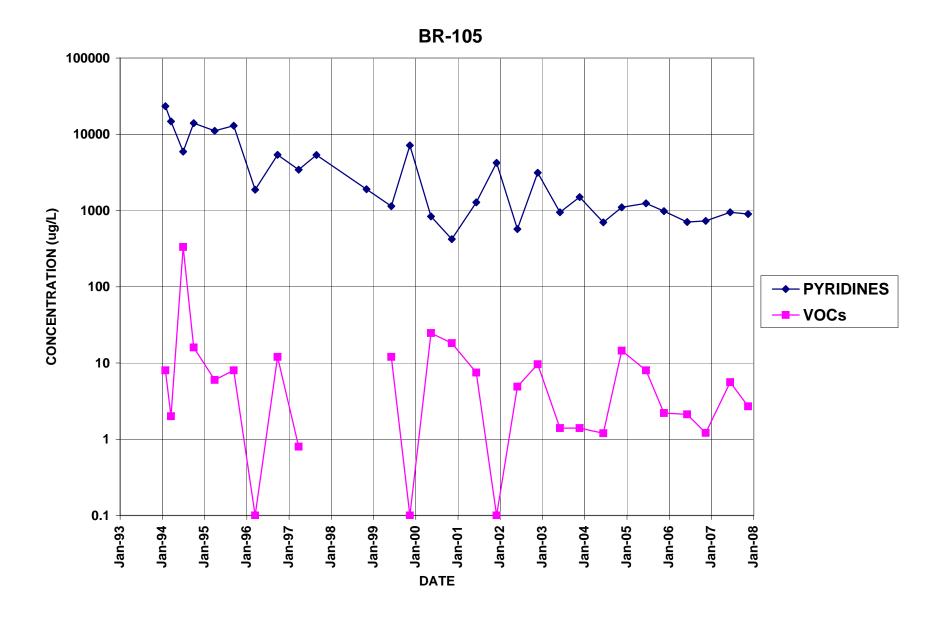




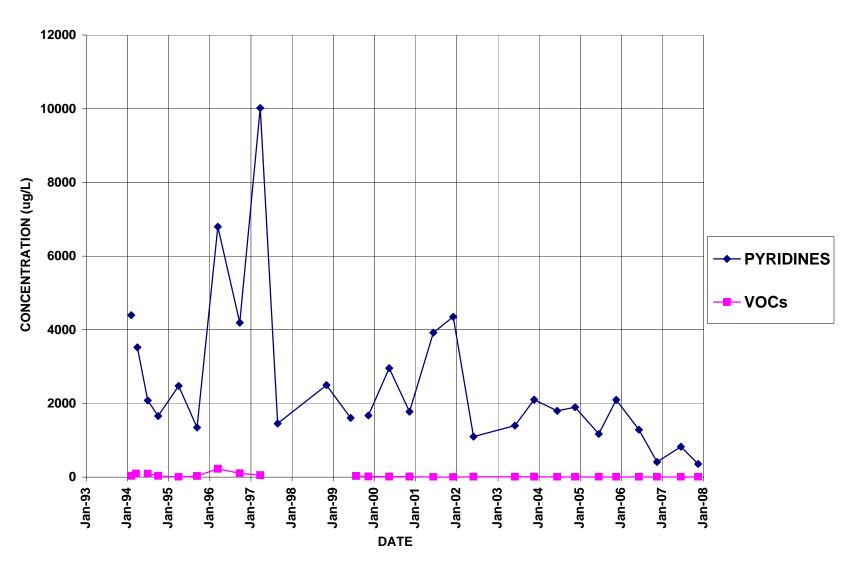


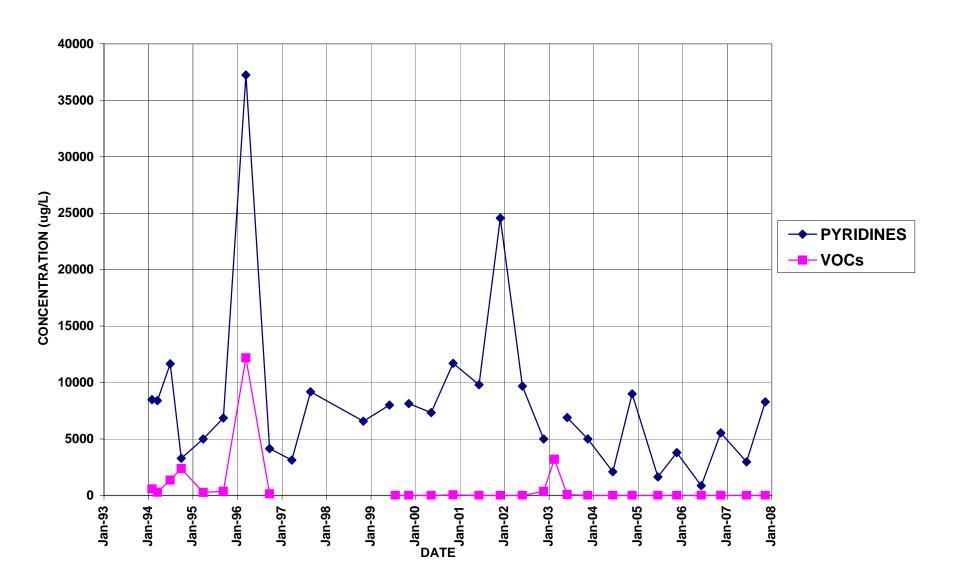
BR-104

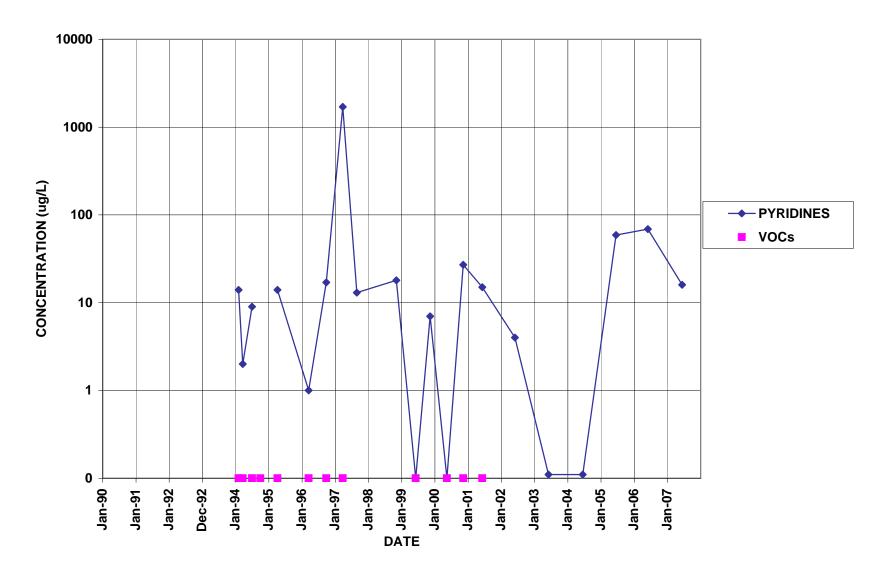




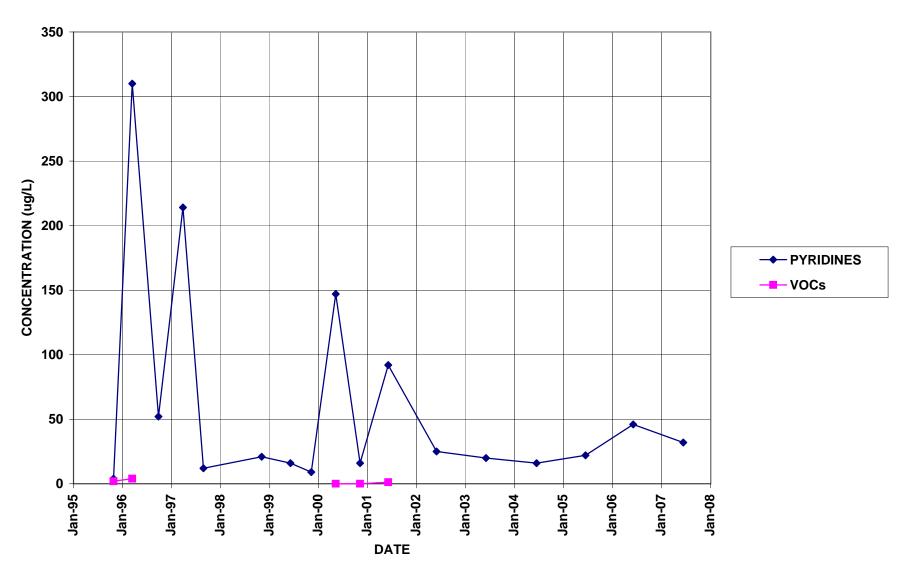




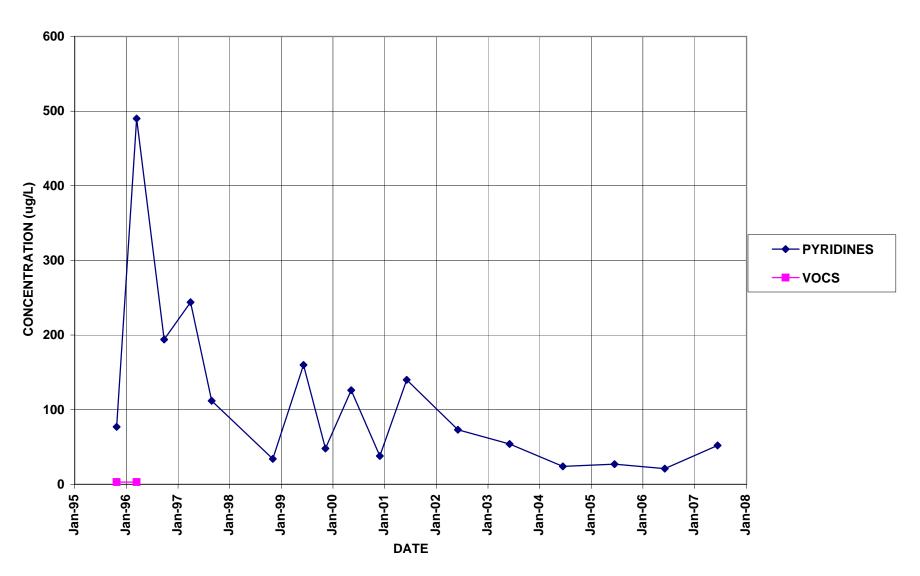




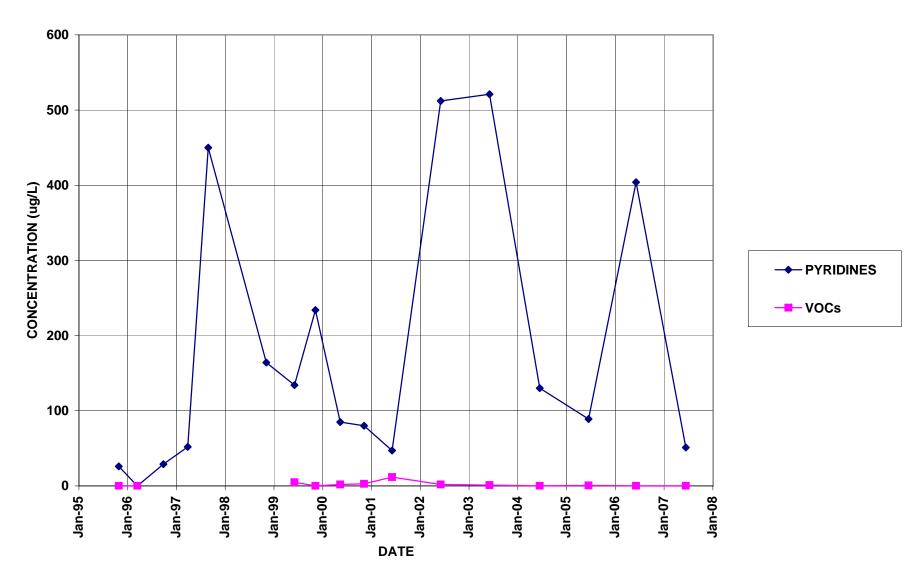




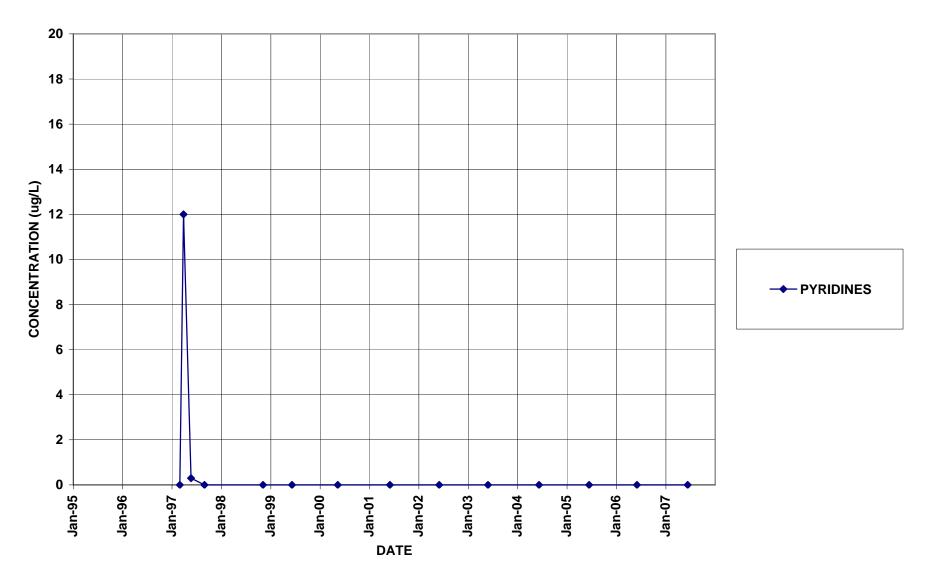




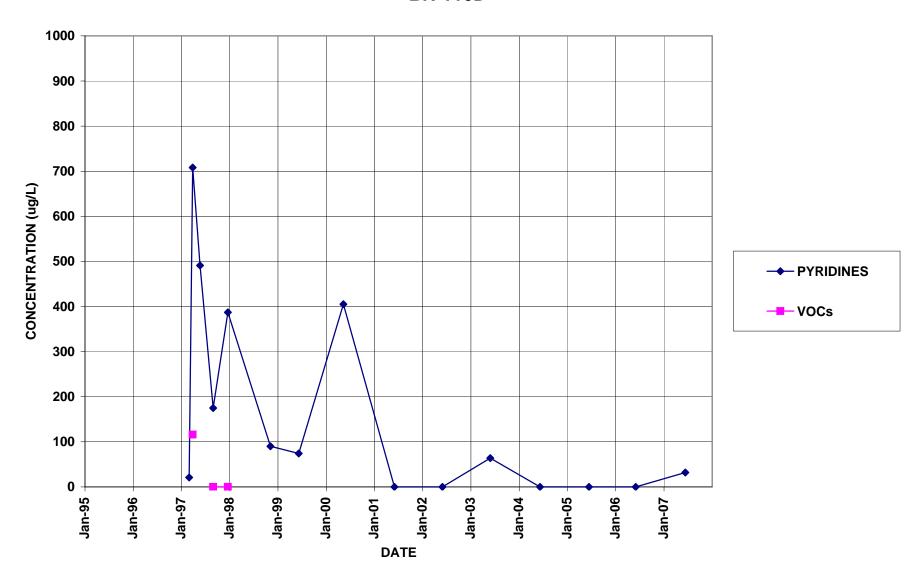




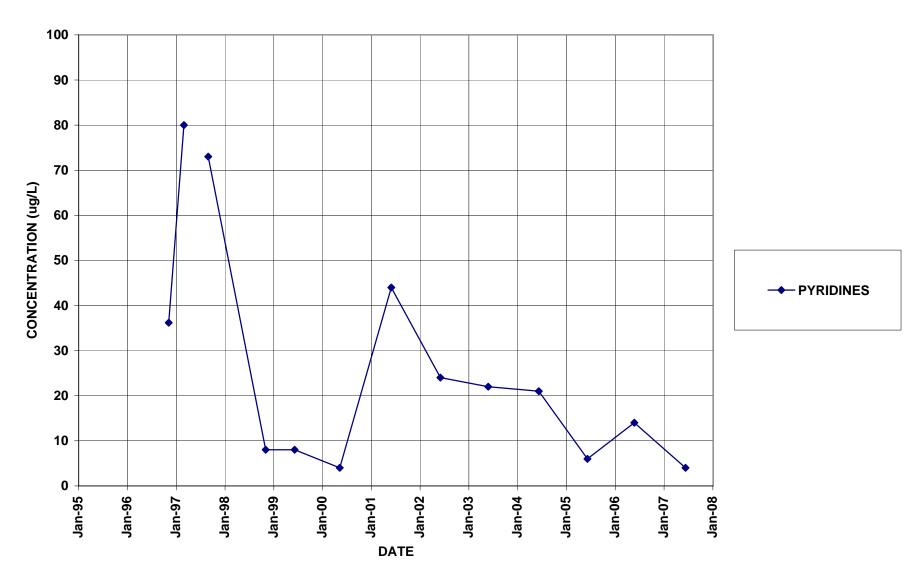




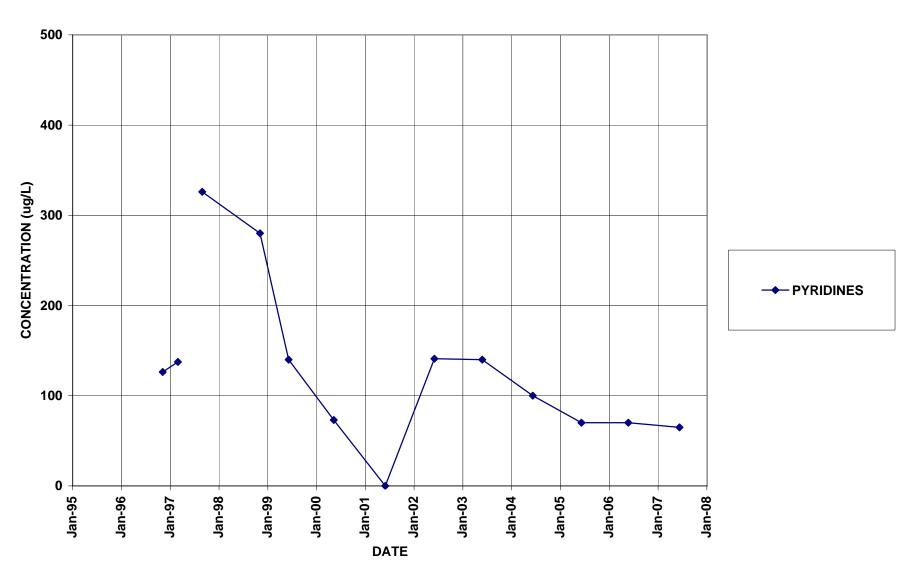
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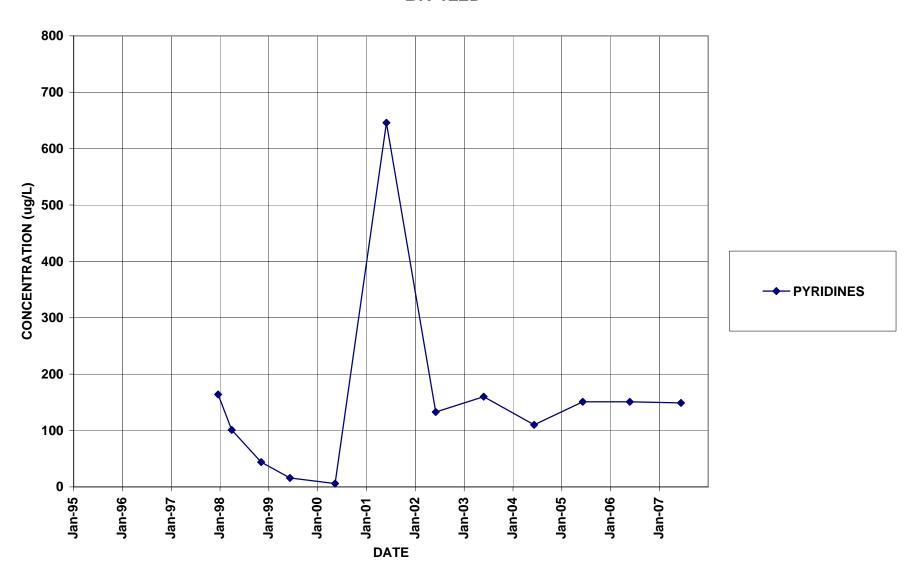




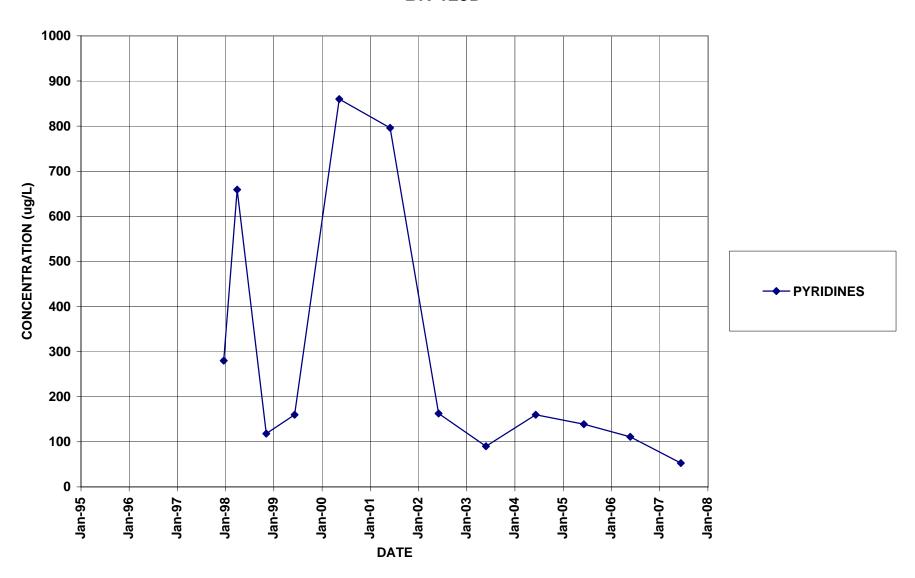




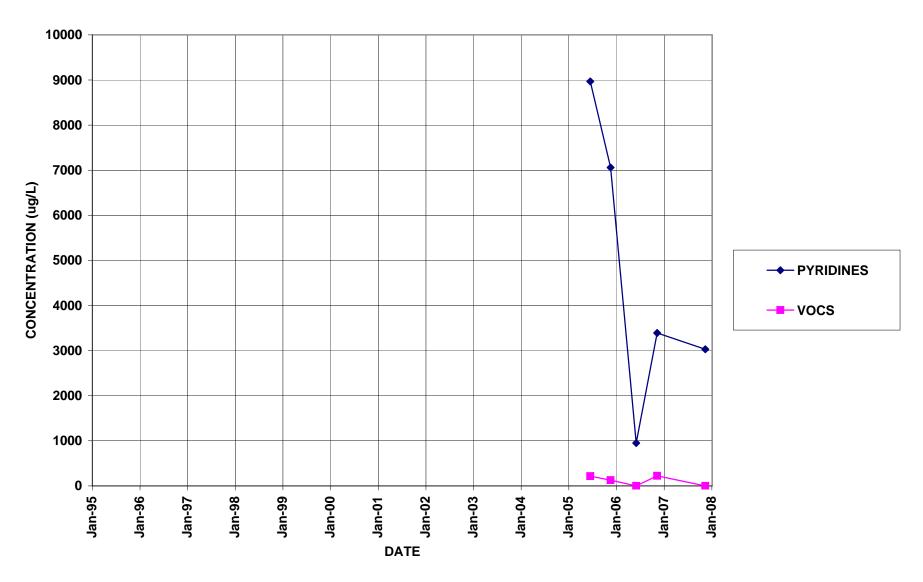
**BR-122D** 



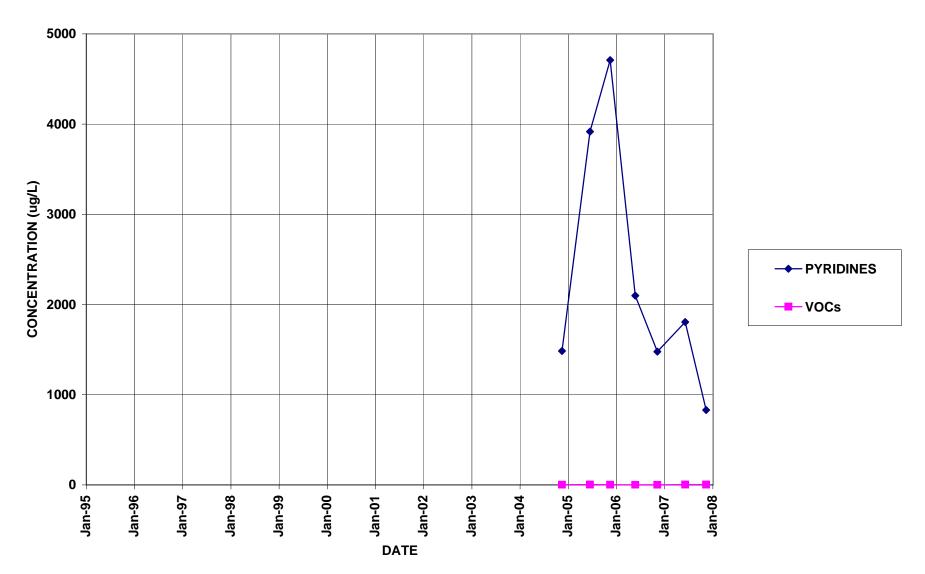
**BR-123D** 

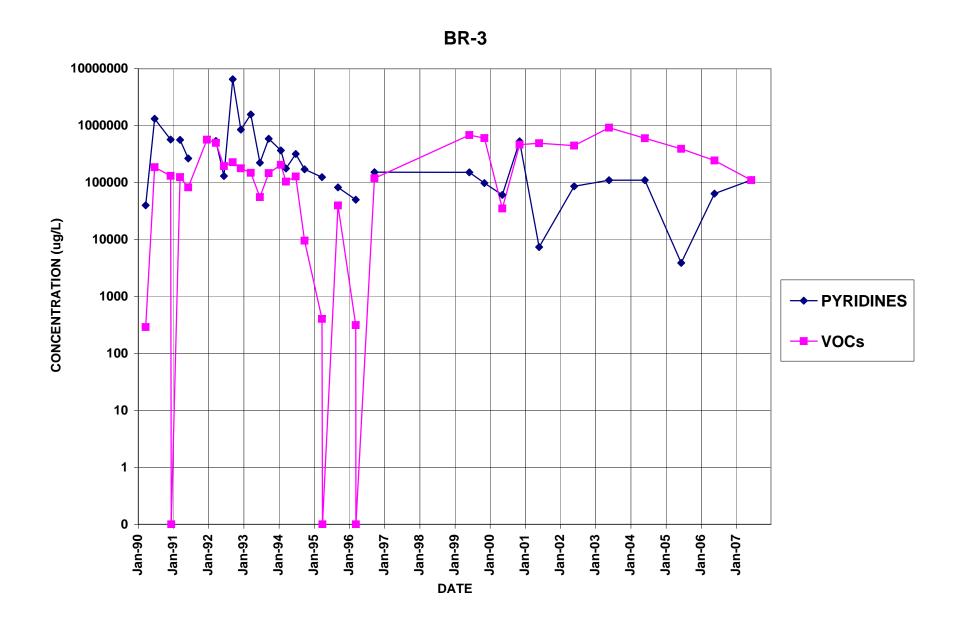


**BR-126** 

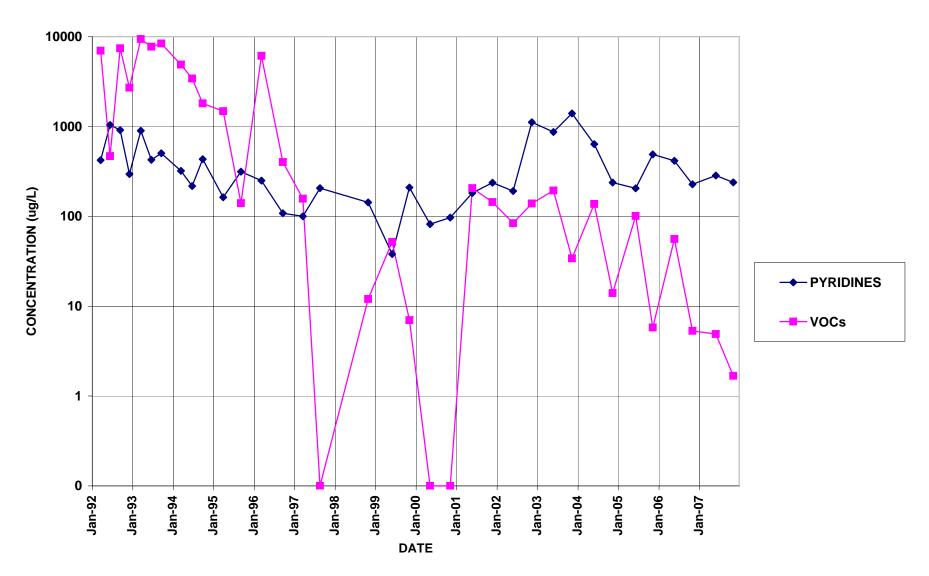




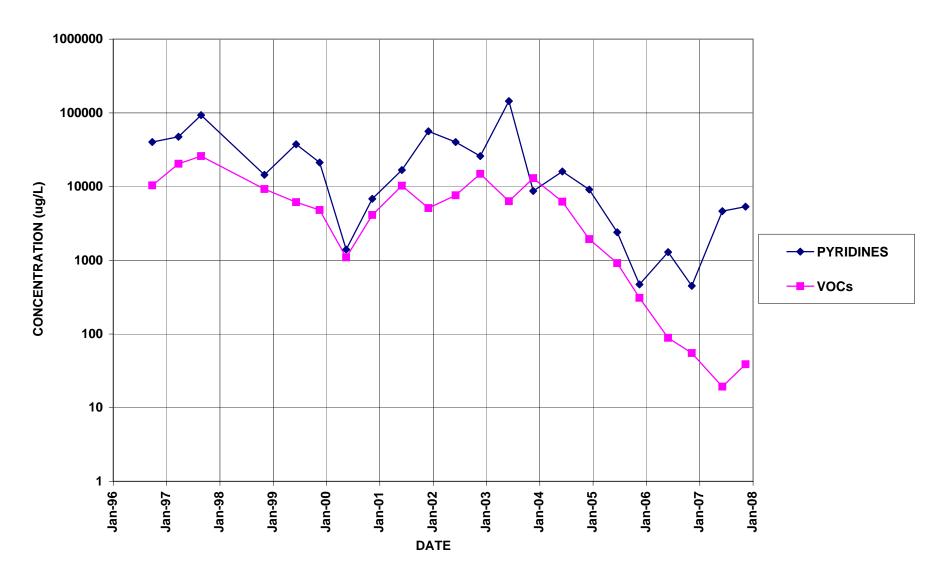




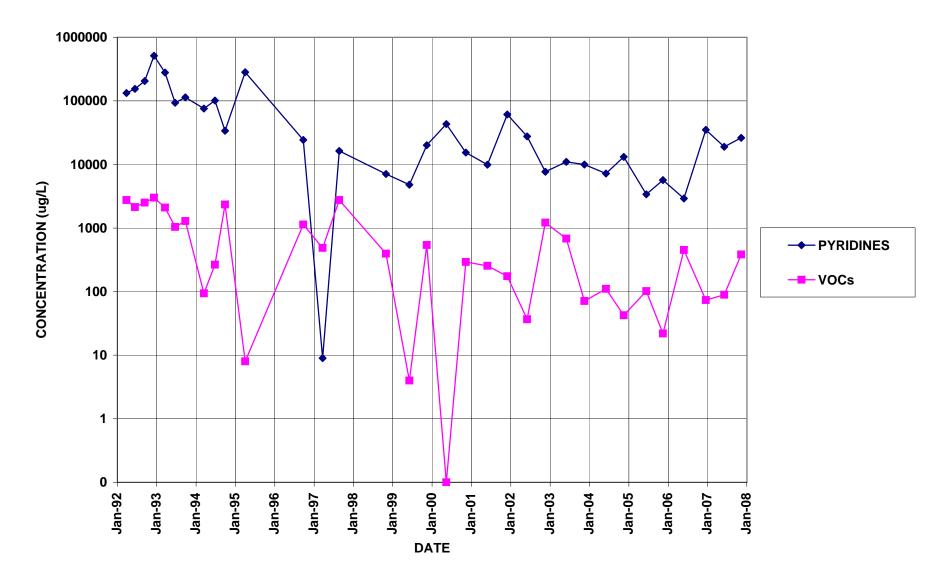


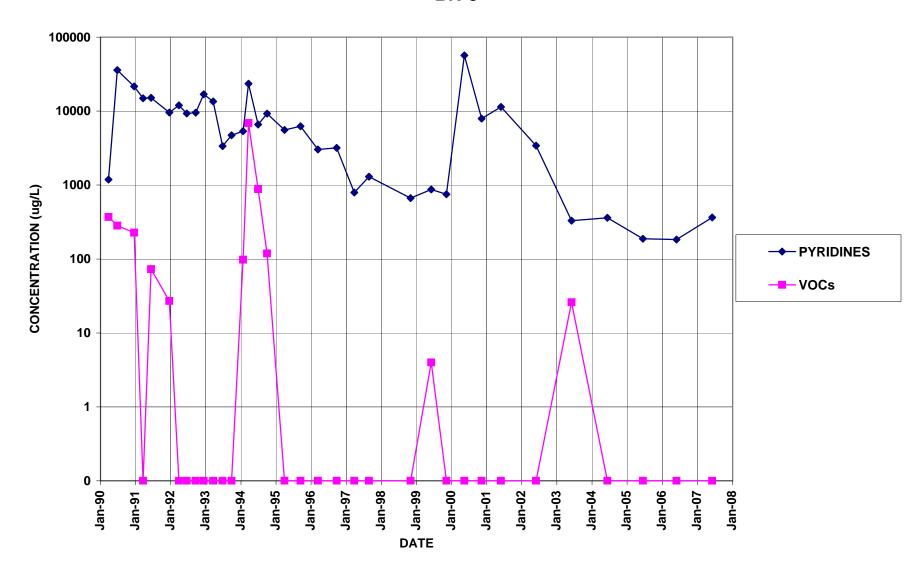


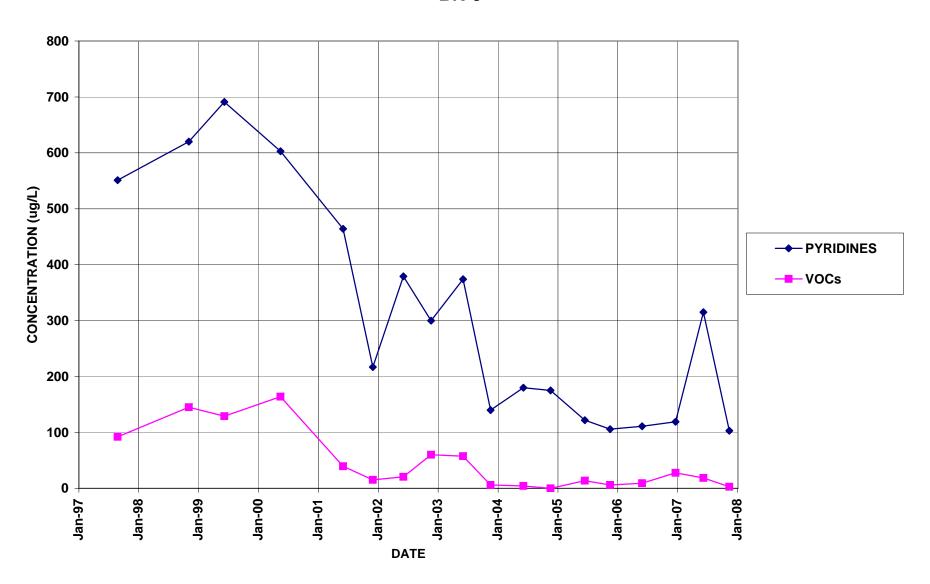


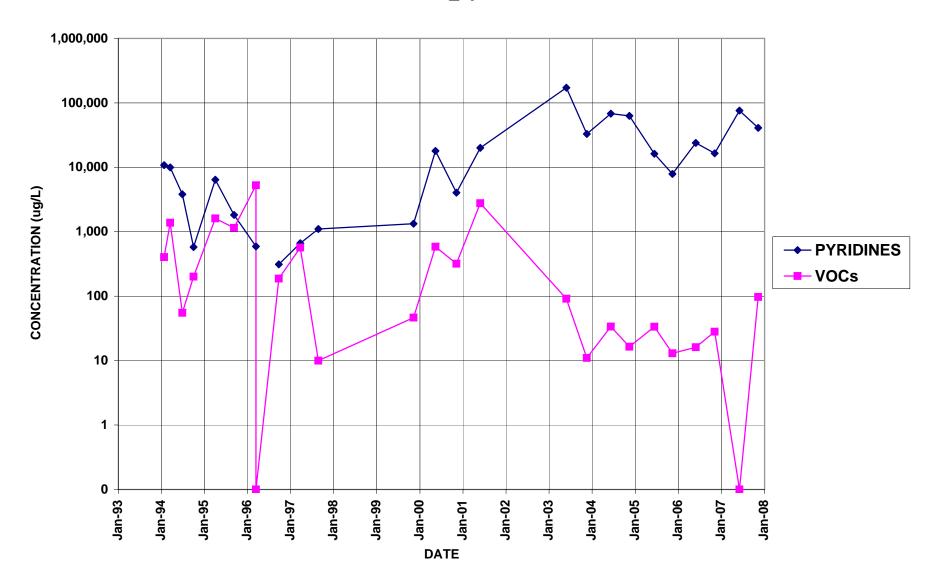


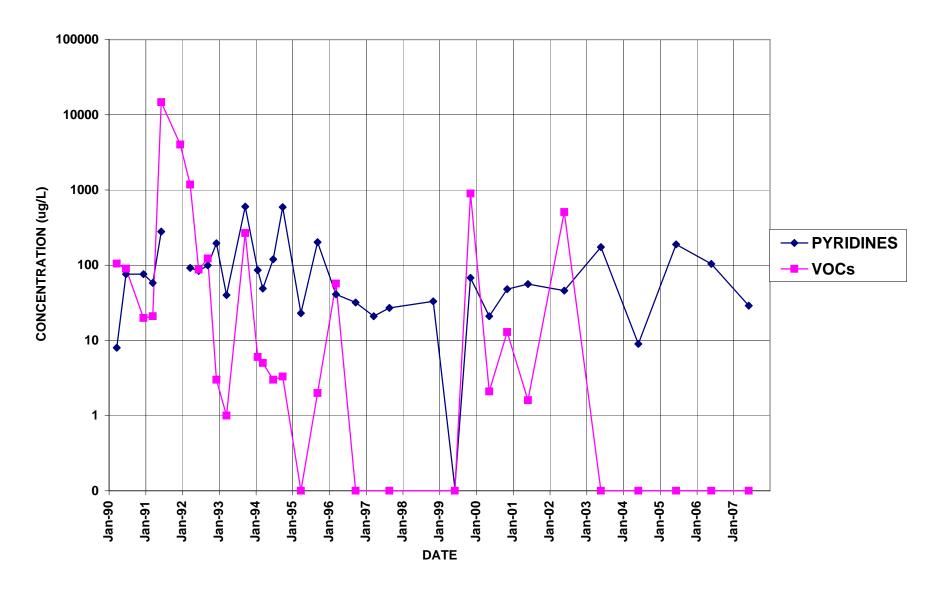




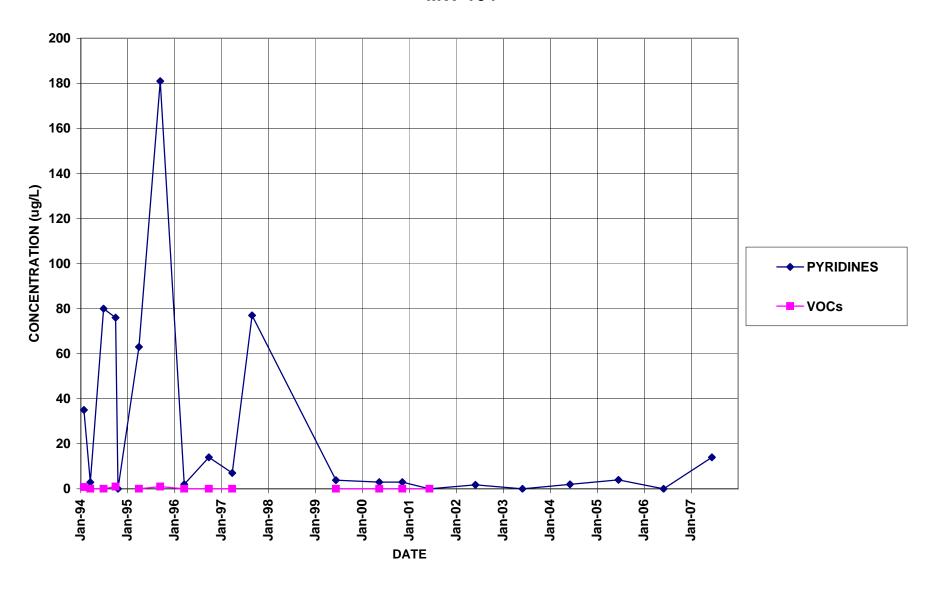




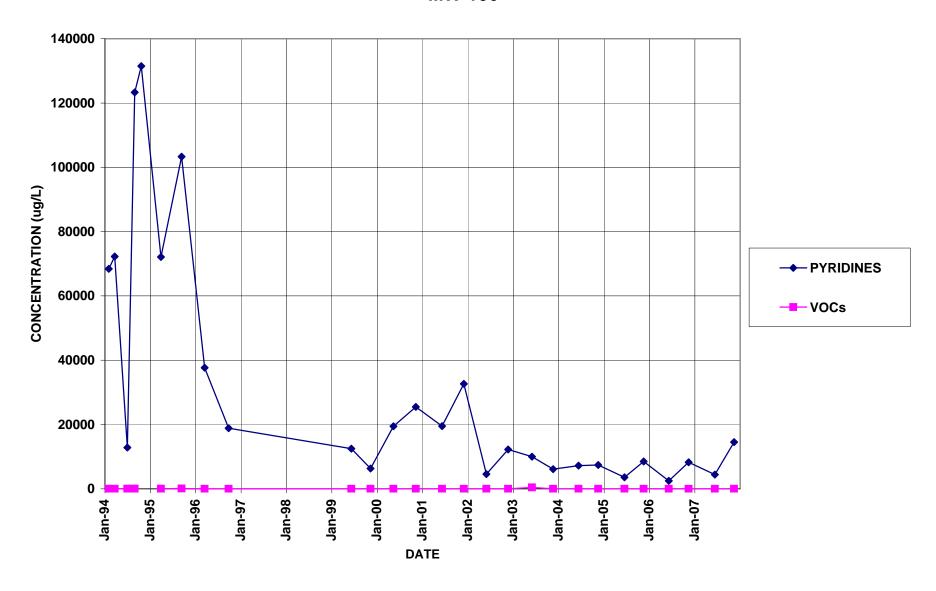




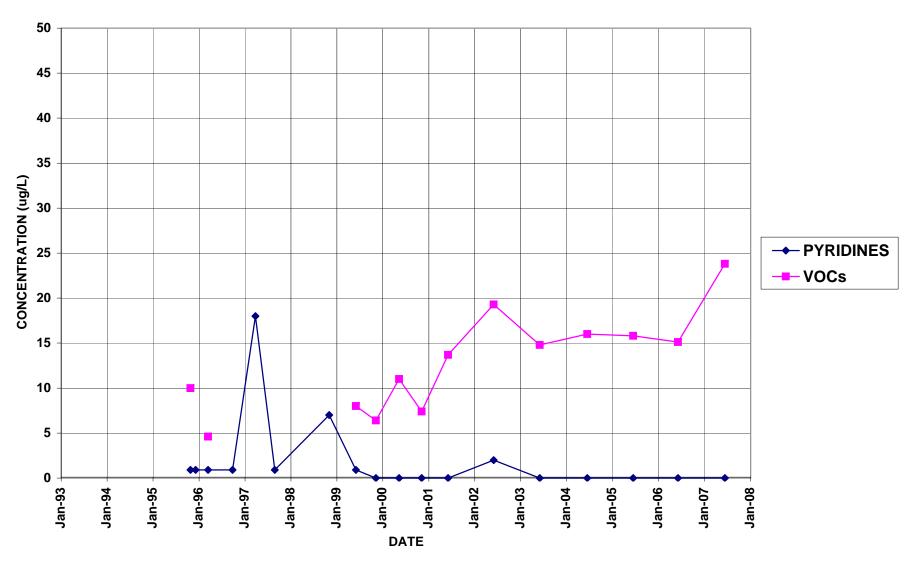
## MW-104



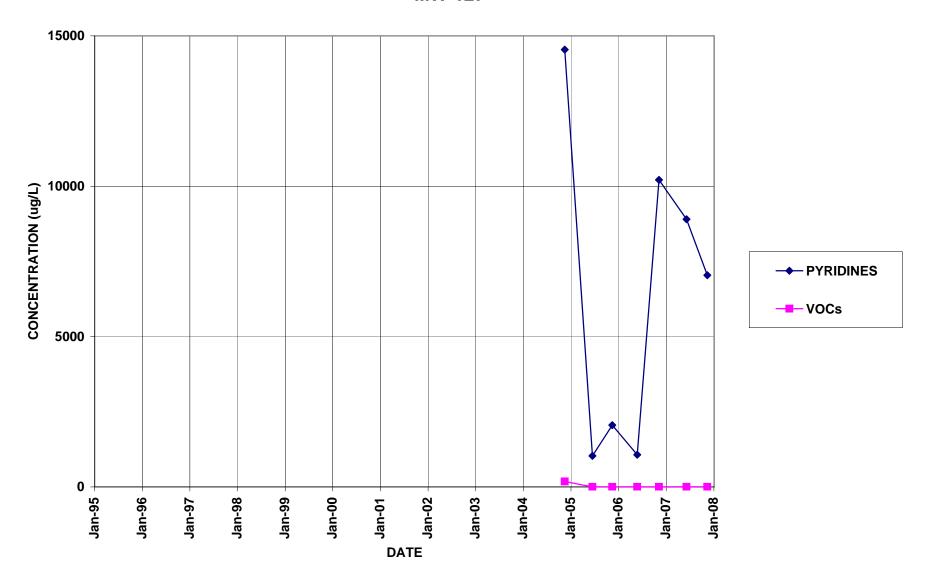
## **MW-106**



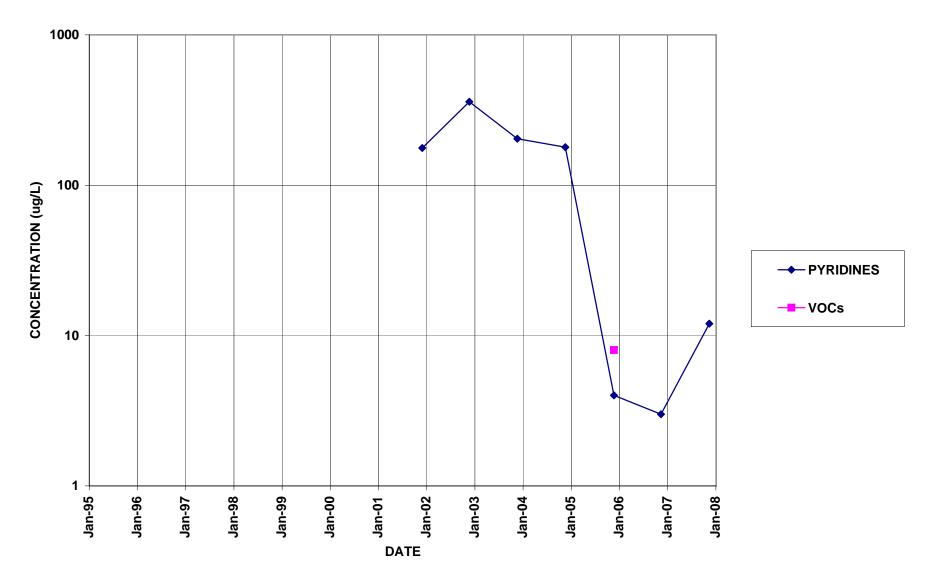




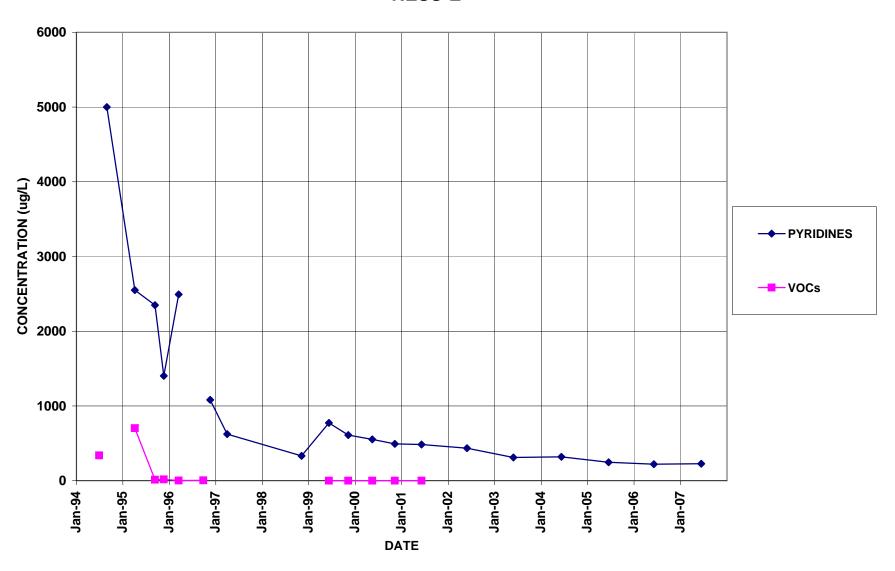
MW-127



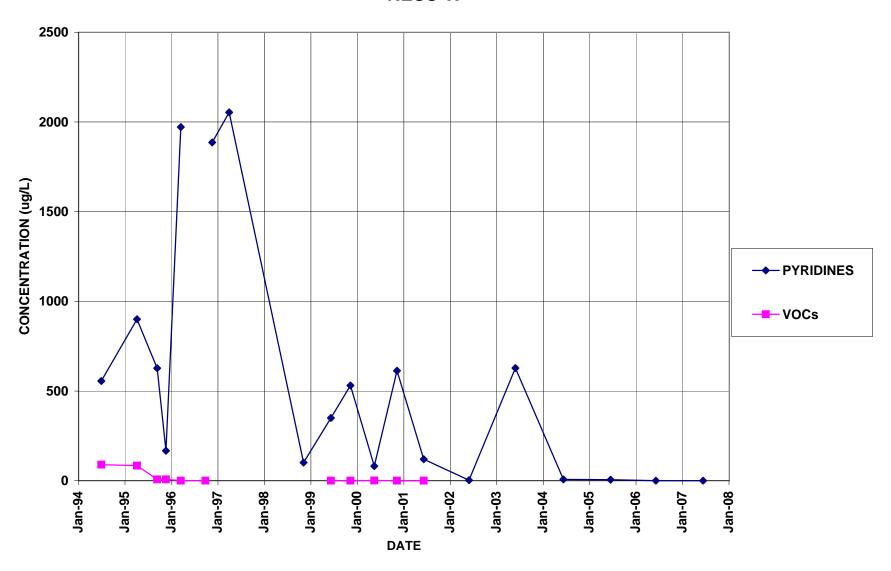




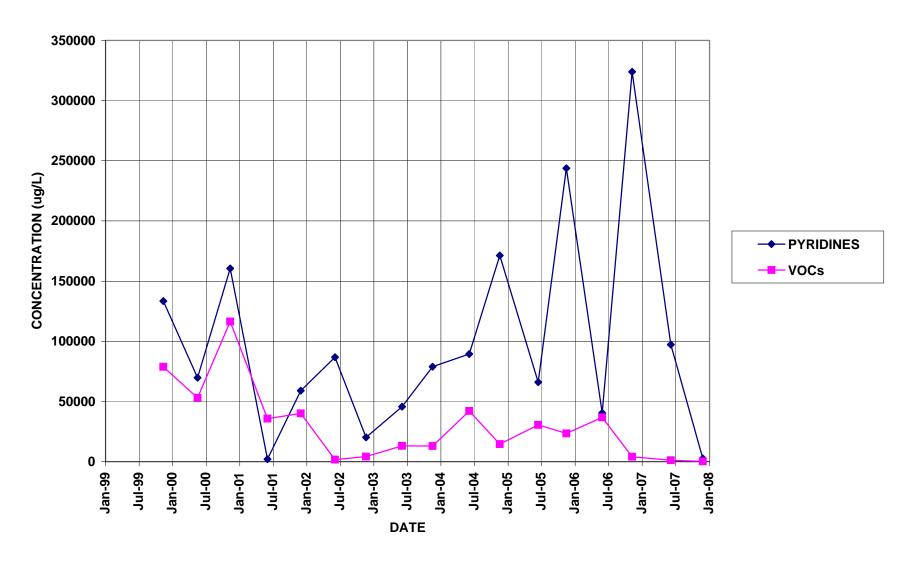
## **NESS-E**



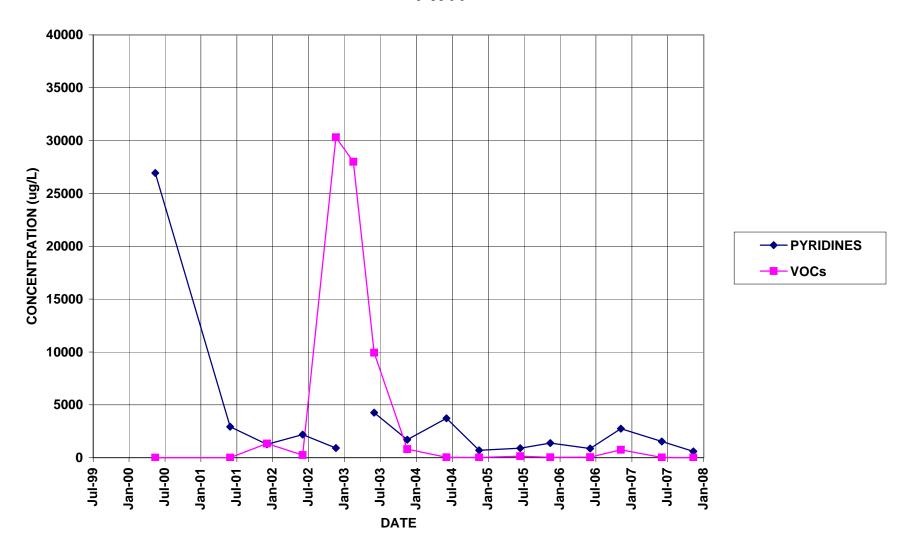
# **NESS-W**



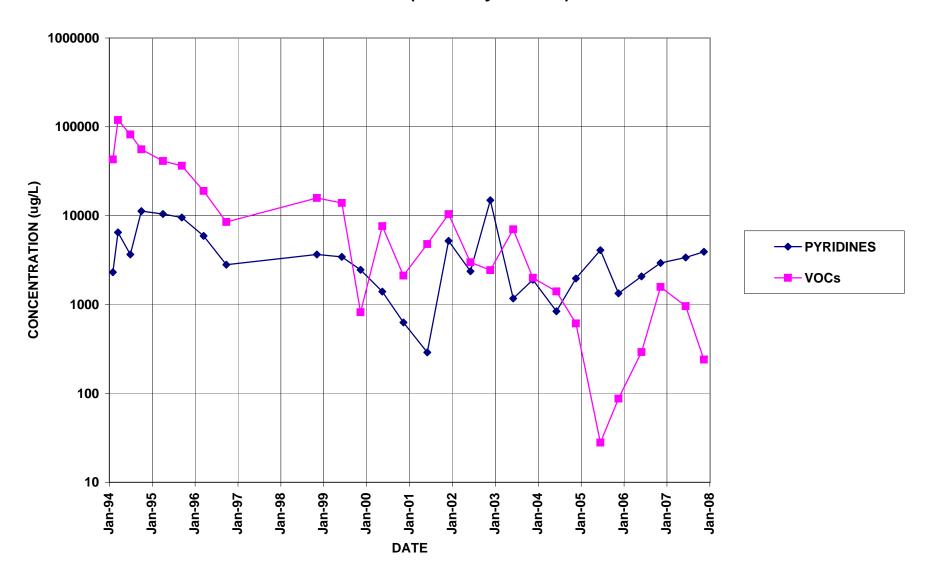
## PW10



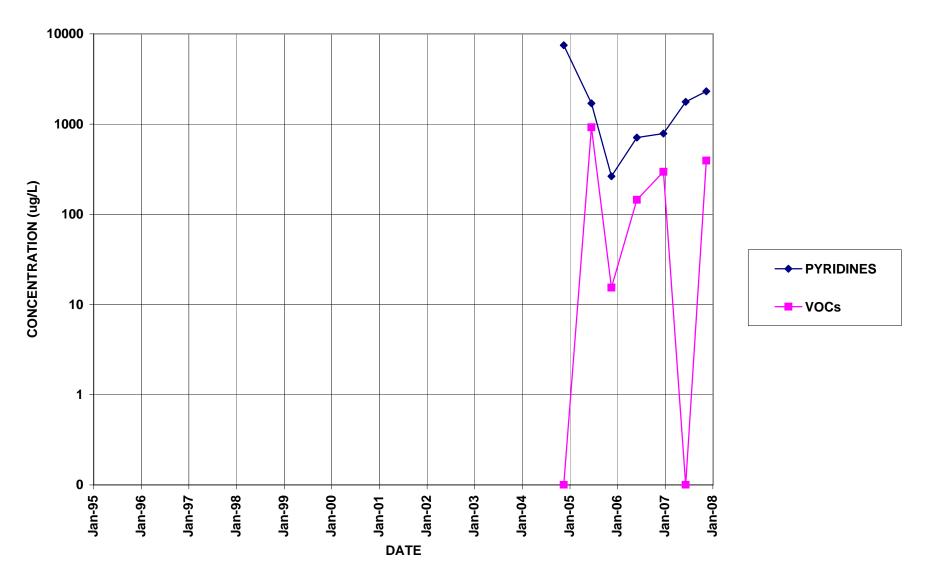




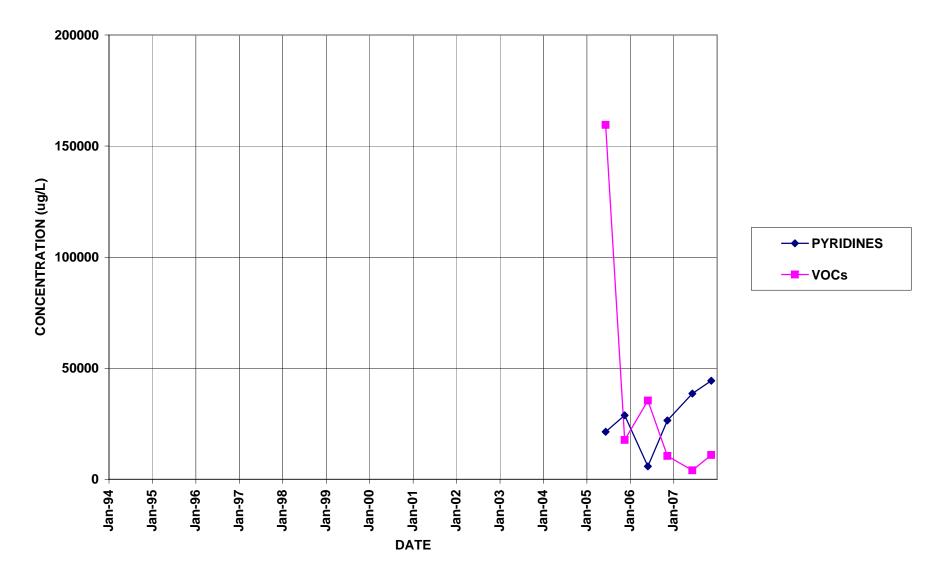
# PW12 (Formerly BR-101)



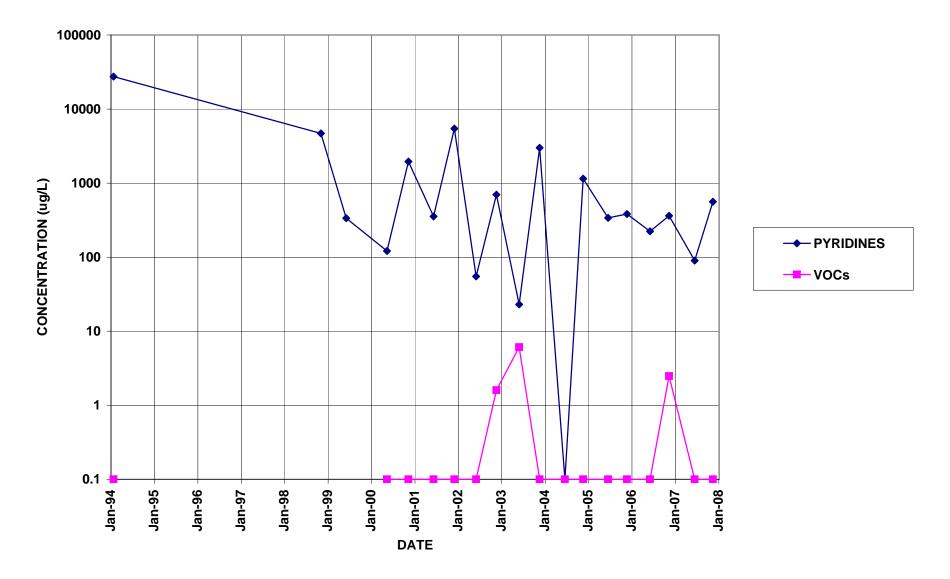




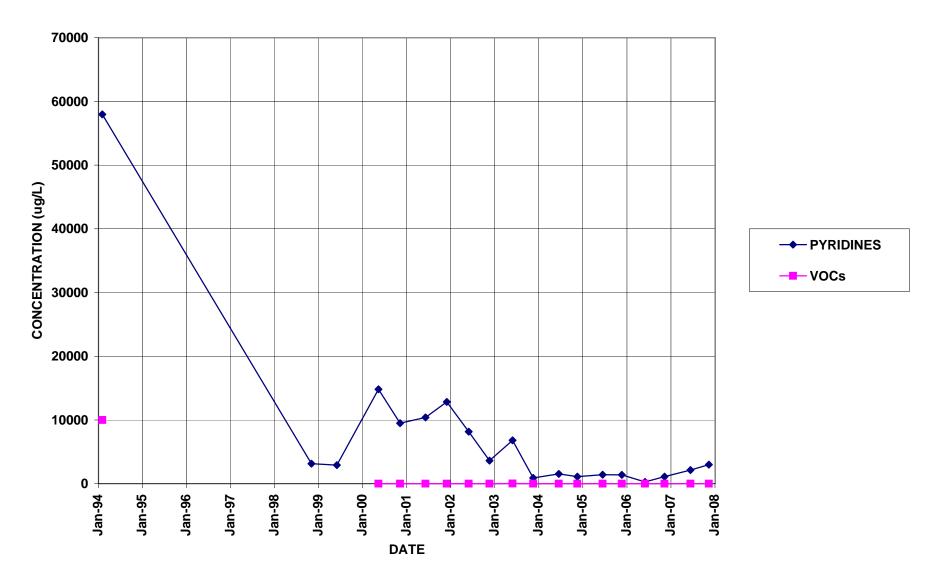




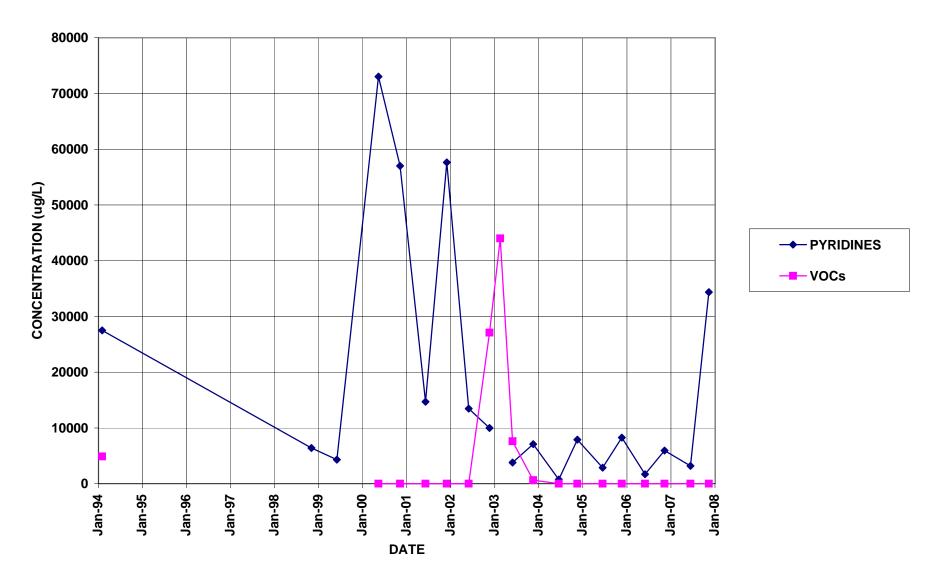
PZ-101

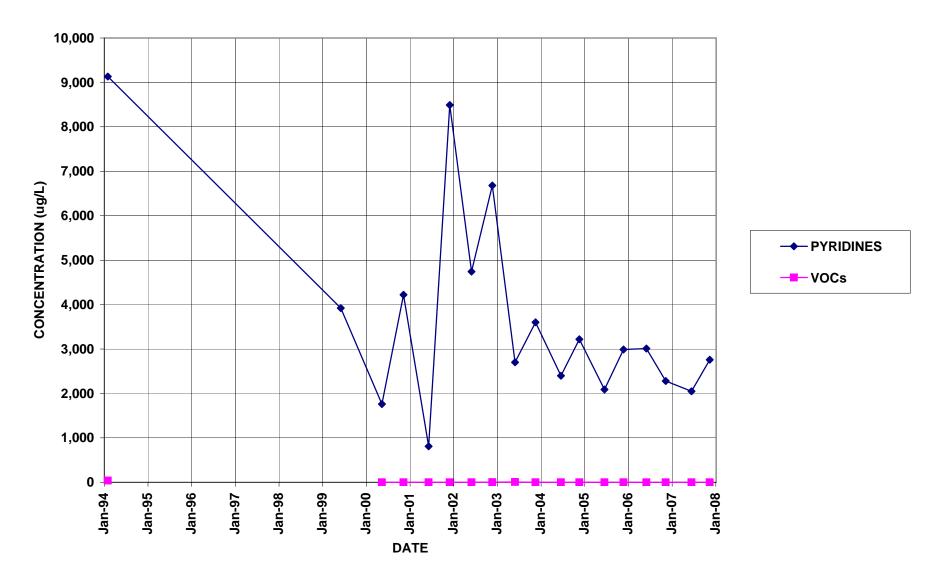




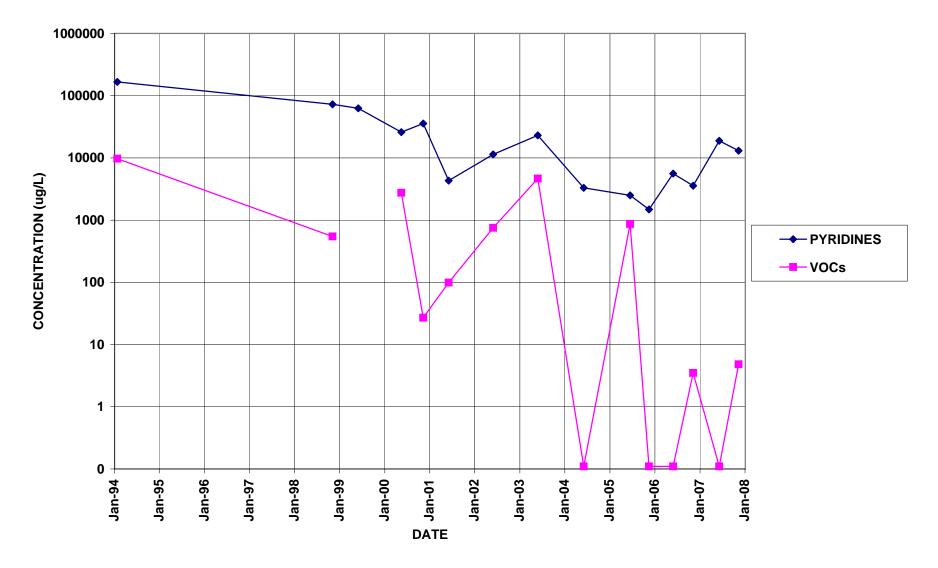




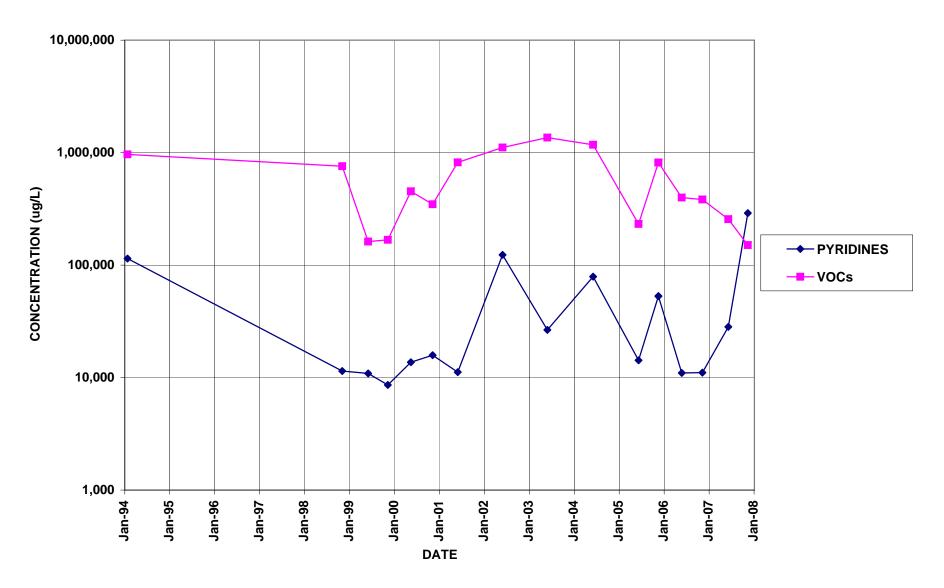




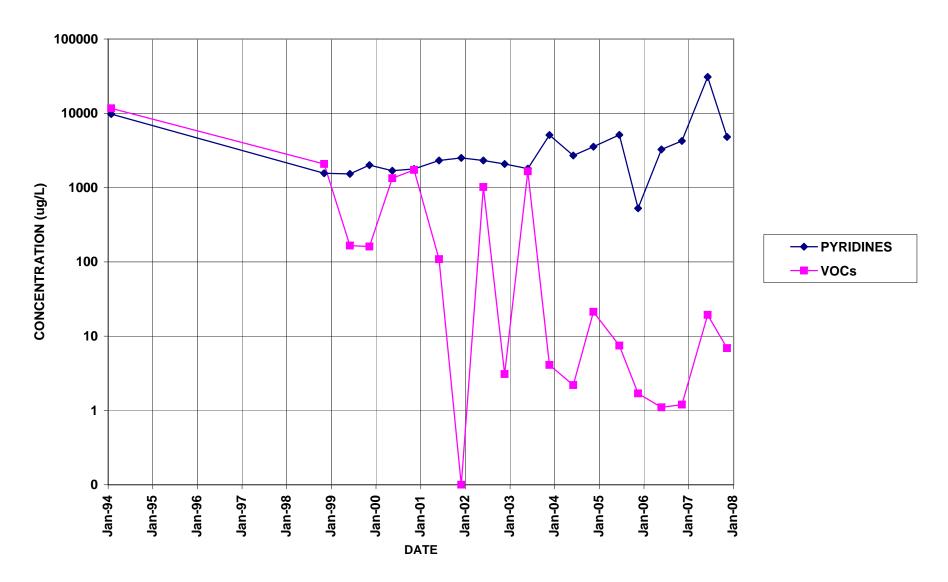


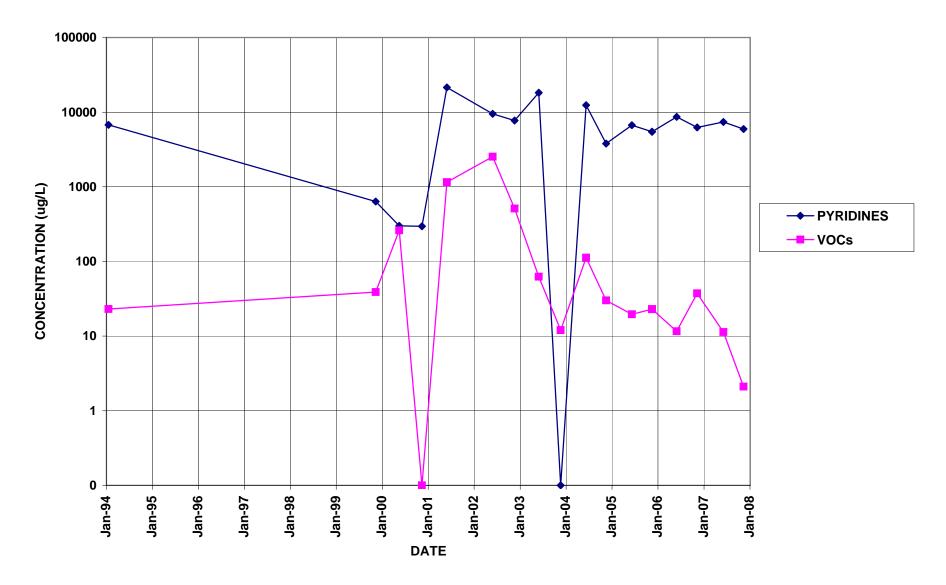




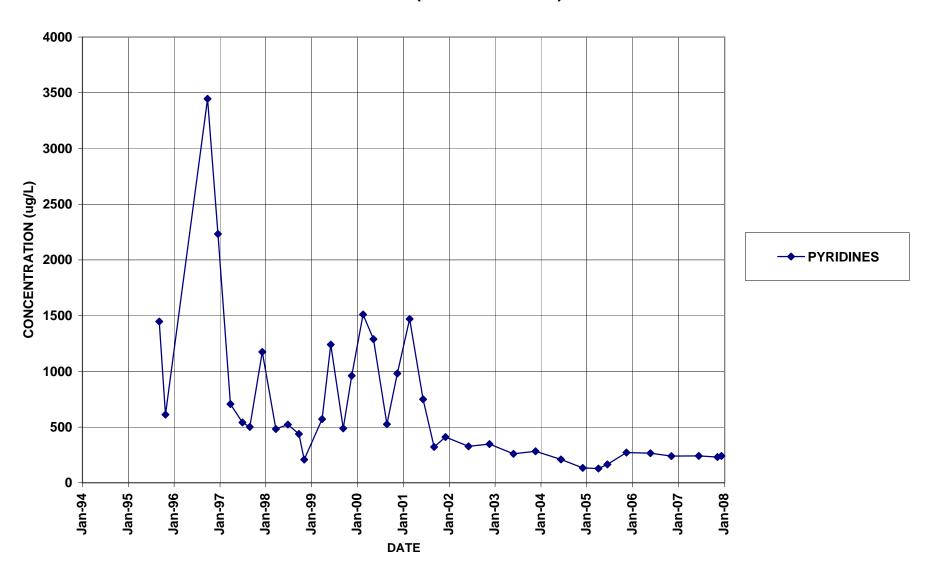








## QS-4 (QUARRY SEEP)



## **QO-2 (QUARRY OUTFALL)**

