SEMS-RM DOCID # 1167103

ARDENT
ENVIRONMENTAL GROUP, INC.

April 13, 2007
Project No. 100011001

Mr. Don Indermill
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: Quarterly Groundwater Monitoring Report,
First Quarter 2007
8411 South Atlantic Avenue
Cudahy, California
SLIC No. 1148

Dear Mr. Indermill:

Ardent Environmental Group, Inc. (Ardent) is pleased to submit this report documenting the groundwater monitoring procedures and results for the subject facility. The contents of this report include:

QUARTERLY MONITORING AND SAMPLING RESULTS:

Attachment A – Summary Data
Attachment B – Table 1 – Summary of Groundwater Elevation Measurements
Table 2 – Summary of Laboratory Results of Groundwater Samples
Attachment C – Figure 1 – Site Location Map
Figure 2 – Site Plan
Attachment D – Field Procedures
Attachment E – Field Data Sheets
Attachment F – Laboratory Report and Chain-of-Custody Documentation

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If you have any questions regarding the data or information in this report, please contact us at your convenience.

Sincerely,
Ardent Environmental Group, Inc.

Paul A. Roberts, P.G., R.E.A. I/II
Principal Geologist

PAR/paw

Distribution: (1) Addressee
(1) John Allen, Esq., Allen Matkin Gamble Mallory & Natsis LLP
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(1) Mr. Paul Ohlmann, On Atlantic, LLC

ATTACHMENT A

SUMMARY DATA

DATA SUMMARY

8411 South Atlantic Boulevard **Cudahy, California**	Lead Agency: Agency Case Number: Submittal Date: Project Number:	LARWQCB SLIC No. 1148 April 13, 2007 100011001

OVERVIEW

Reporting Period: Sampling Consultant:	First Quarter, 2007 Ardent Environmental Group, Inc. (Ardent)	Groundwater wells on site: 3 Groundwater wells off site: 0

GEOLOGIC INFORMATION

Source: Installation of groundwater monitoring well MW-1, MW-2, MW-3
Surface to ~85 ft bgs - interbedded fine SAND and silty fine SAND

FIELD ACTIVITIES

Groundwater fluid level measurement date(s):	March 28, 2007	
Groundwater sampling date(s):	March 28, 2007	
Groundwater wells monitored:	3	
Groundwater wells sampled:	3	Purge method: Submersible pump
Total gallons generated:	75	
Treatment/disposal method:	Crosby & Overton	

LABORATORY ANALYSIS

Groundwater samples were submitted to a state-certified laboratory for the following analyses:
- VOCs in general accordance with EPA Method 8260B.

GROUNDWATER INFORMATION

- Field activities were performed under the direction of a California Professional Geologist

Minimum Depth to groundwater (ft bgs):	50.86
Maximum Depth to groundwater (ft bgs):	50.65
Average groundwater elevation (ft msl):	49.16
Average change in gw elevation since last event (ft):	0.25
Groundwater wells with free product:	0
Free product thickness (ft):	0.00
Free product removed (gallons):	0.00
Groundwater gradient (ft/ft) and flow direction:	0.01 to the northeast
Groundwater gradient (ft/ft) and flow direction [last quarterly event (12/26/06)]: 0.01 to the northeast	

FINDINGS – ANALYTICAL RESULTS

Wells with TCE below MCL:	0
Wells with TCE above MCL:	3
Wells with breakdown products of TCE above MCL (trans-1,2-DCE, cis-1,2-DCE, 1,1-DCE and/or VC):	3
Maximum concentrations of TCE (µg/l):	3,600
Minimum concentrations of TCE (µg/l):	3,000
Maximum concentrations of trans-1,2-DCE (µg/l):	19
Minimum concentrations of trans-1,2-DCE (µg/l):	8.3
Maximum concentrations of cis-1,2-DCE (µg/l):	410
Minimum concentrations of cis-1,2-DCE (µg/l):	120
Maximum concentrations of 1,1-DCE (µg/l):	4.9
Minimum concentrations of 1,1-DCE (µg/l):	0.4
Maximum concentrations of VC (µg/l):	2.2
Minimum concentrations of VC (µg/l):	1.9

CONCLUSIONS

Laboratory results of the groundwater samples collected at the site have continued to shown concentrations of TCE and, to a lesser extent, the breakdown products of cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, and vinyl chloride. Laboratory results have shown relatively the same magnitude of TCE concentrations in all three wells, and the direction of groundwater flow has been consistently in a northeasterly direction. Based on the sampling conducted to-date, laboratory results of groundwater collected from well MW-1, located adjacent to the former clarifier, have shown concentrations of TCE at the same general magnitude as groundwater collected from MW-2 and MW-3, located crossgradient from MW-1. The data collected this quarter continues to support that the site may have slightly contributed to the degradation of groundwater. However, an off-site source is highly likely present as well. Ninyo & Moore submitted a work plan to the LARWQCB dated August 16, 2006 to install additional groundwater wells at the site and in the site vicinity. To-date, there has been no response from the LARWQCB.

DATA SUMMARY

8411 South Atlantic Boulevard	Lead Agency:	LARWQCB
Cudahy, California	Agency Case Number:	SLIC No. 1148
	Submittal Date:	April 13, 2007
	Project Number:	100011001

RECOMMENDATIONS

Ardent will continue to complete quarterly groundwater monitoring utilizing all wells associated with the site.

NOTES/ABBREVIATIONS

LARWQCB	= Los Angeles Regional Water Quality Control Board	bgs	= below ground surface
EPA	= Environmental Protection Agency	msl	= mean sea level
TCE	= trichloroethene	gw	= groundwater
trans-1,2-DCE	= trans-1,2-dichloroethene	MCL	= maximum contaminant level
cis-1,2-DCE	= cis-1,2-dichloroethene	ppb	= micrograms per liter
1,1-DCE	= 1,1-dichloroethene	MDL	= method detection limit
VOCs	= volatile organic compounds	VC	= vinyl chloride
ft	= feet	Elevations are in feet above mean sea level	

LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ardent's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ardent has no involvement in, or control over, such testing and analysis. Ardent, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ardent has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ardent should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

ATTACHMENT B

TABLES

TABLE 1 – SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS

Well No.	MW-1			MW-2			MW-3		
Elevation of TOC	99.62			100.09			99.95		
Date	Depth (feet)	Elevation (feet)	Change in Elevation (feet)	Depth (feet)	Elevation (feet)	Change in Elevation (feet)	Depth (feet)	Elevation (feet)	Change in Elevation (feet)
3/28/2007	50.66	48.96	0.02	50.65	49.44	0.09	50.86	49.09	0.06
12/26/2006	50.68	48.94	0.24	50.74	49.35	0.16	50.92	49.03	0.19
9/21/2006	50.92	48.70	-0.24	50.9	49.19	-0.23	51.11	48.84	0.12
7/13/2006	50.68	48.94	1.44	50.67	49.42	1.69	51.23	48.72	0.96
9/8/2005	52.12	47.50	0.07	52.36	47.73	0.04	52.19	47.76	0.21
7/11/2005	52.19	47.43	0.54	52.40	47.69	---	52.40	47.55	---
3/15/2005	52.73	46.89	-0.03	---	---	---	---	---	---
12/22/2004	52.7	46.92	1.70	---	---	---	---	---	---
8/27/2004	54.4	45.22	---	---	---	---	---	---	---

Notes:
TOC – top of casing
--- – Not applicable. Wells MW-2 and MW-3 were installed on 7/5/05.
Depth – feet below ground surface
Elevation – feet above mean sea level

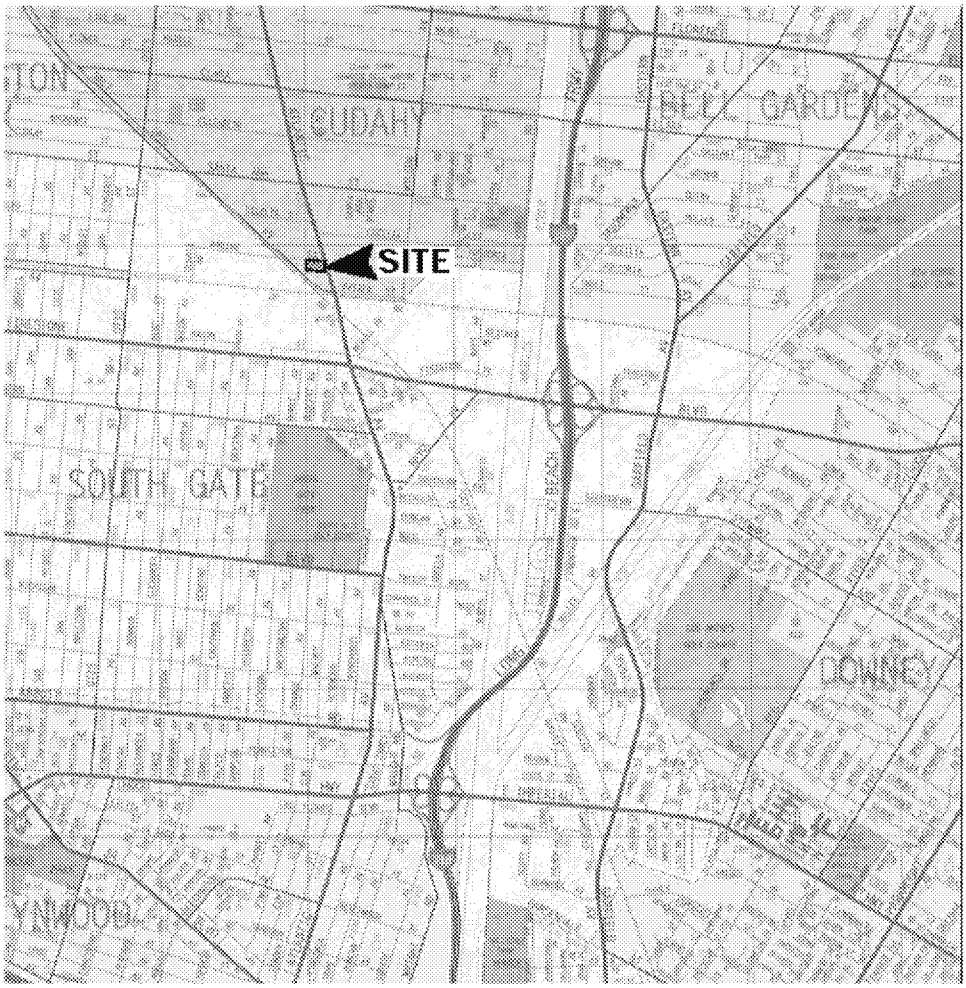
TABLE 2 – SUMMARY OF LABORATORY RESULTS OF GROUNDWATER SAMPLES

Well No.	Date Sampled	VOCs (µg/l)													
		BDCM	1,1,2-TCA	1,1-DCE	Chloroform	cis-1,2-DCE	PCE	Trans-1,2-DCE	TCE	Bromoform	VC	1,1-DCA	1,2-DCA	Methylene Chloride	Benzene
MW-1	3/28/2007	<0.5	0.23*	4.4	<0.5	120	0.23*	8.3	3,000	<0.5	1.9	<0.5	<0.5	<1.0	0.26*
	12/26/2006	<50	<50	<50	<50	64	<50	<50	2,900	<50	<50	<50	<50	<50	<50
	9/21/2006	<0.5	<0.5	4.3	<5.0	120	<5.0	7.9	3,100	<5.0	<5.0	<5.0	<5.0	<10	<5.0
	7/13/2006	<0.5	<0.5	3.3	<0.5	100	<0.5	7.2	3,200	1.0	1.8	<0.5	<0.5	<0.5	<0.5
	9/8/2005	26	<5.0	<5.0	<5.0	110	<5.0	6.5	3,300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	89	<5.0	5.7	2,900	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/15/2005	<5.0	<5.0	<5.0	<5.0	59	<5.0	<5.0	1,700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/22/2004	<5.0	<5.0	<5.0	<5.0	62	<5.0	<5.0	1,900	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	8/27/2004	<5.0	0.55	3.3	0.79	99	1.8	5.9	2,300	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-2	3/28/2007	<0.5	<0.5	9	<0.5	410	<0.5	18	3,400	<0.5	2.2	0.4*	<0.5	<1.0	0.34*
	12/26/2006	<25	<25	<25	<25	432	<25	<25	3,790	<25	<25	<25	<25	<25	<25
	9/21/2006	<5.0	<5.0	8.8	<5.0	450	<5.0	21	4,000	<5.0	<5.0	<5.0	<5.0	<10	<5.0
	7/13/2006	<0.5	<0.5	5	<5.0	200	<0.5	11	2,800	<0.5	1.5	1.1	<0.5	<0.5	<0.5
	9/8/2005	<5.0	<5.0	<5.0	<5.0	95	<5.0	6.0	2,500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	82	<5.0	5.7	2,200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	3/28/2007	<0.5	0.22	4.9	<0.5	360	<0.5	19	3,600	<0.5	2.2	<0.5	1.3	<1.0	0.39*
	12/26/2006	<50	<50	<50	<50	310	<50	<50	3,370	<50	<50	<50	<50	<50	<50
	9/21/2006	<5.0	<5.0	4.9	<5.0	320	<5.0	17	3,400	<5.0	<5.0	<5.0	<5.0	<10	<5.0
	7/13/2006	<0.5	<0.5	4.4	<0.5	280	<0.5	16	3,700	<0.5	2.2	0.63	2.1	<0.5	<0.5
	9/8/2005	<5.0	<5.0	<5.0	<5.0	240	<5.0	13	2,800	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	200	<5.0	13	2,700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trip Blank	3/28/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/26/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/21/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
	7/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.83	<0.5
	9/8/2005	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
EPA MCL		NA	5	7	NA	70	5	100	5	NA	2	NA	5	NA	5
CDHS MCL		NA	5	6	NA	6	5	10	5	NA	0.5	5	0.5	NA	1

Notes:
VOCs – volatile organic compounds analyzed in general accordance with EPA Method No. 8260B
ug/l – micrograms per liter
BDCM – bromodichloromethane
1,1,2-TCA – 1,1,2-trichloroethane
1,1-DCE – 1,1-dichloroethene
cis-1,2-DCE – cis-1,2-dichloroethene
PCE – tetrachloroethene
trans-1,2-DCE – trans-1,2-dichloroethene
TCE – trichloroethene
VC – vinyl chloride
1,1-DCA – 1,1 dichloroethane
1,2-DCA – 1,2-dichloroethene
EPA MCLs – Environmental Protection Agency Maximum Contaminant Levels
CDHS MCLs – California Department of Health Services Maximum Contaminant Levels
<5 – less than 5 µg/l, the laboratory detection limit
NA – not available
* – Results are J-Flag (results that are between the Practical Quantitation Limit [PQL] and the Method Detection Limit [MDL])

ATTACHMENT C

FIGURES



REFERENCE: 2004 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY

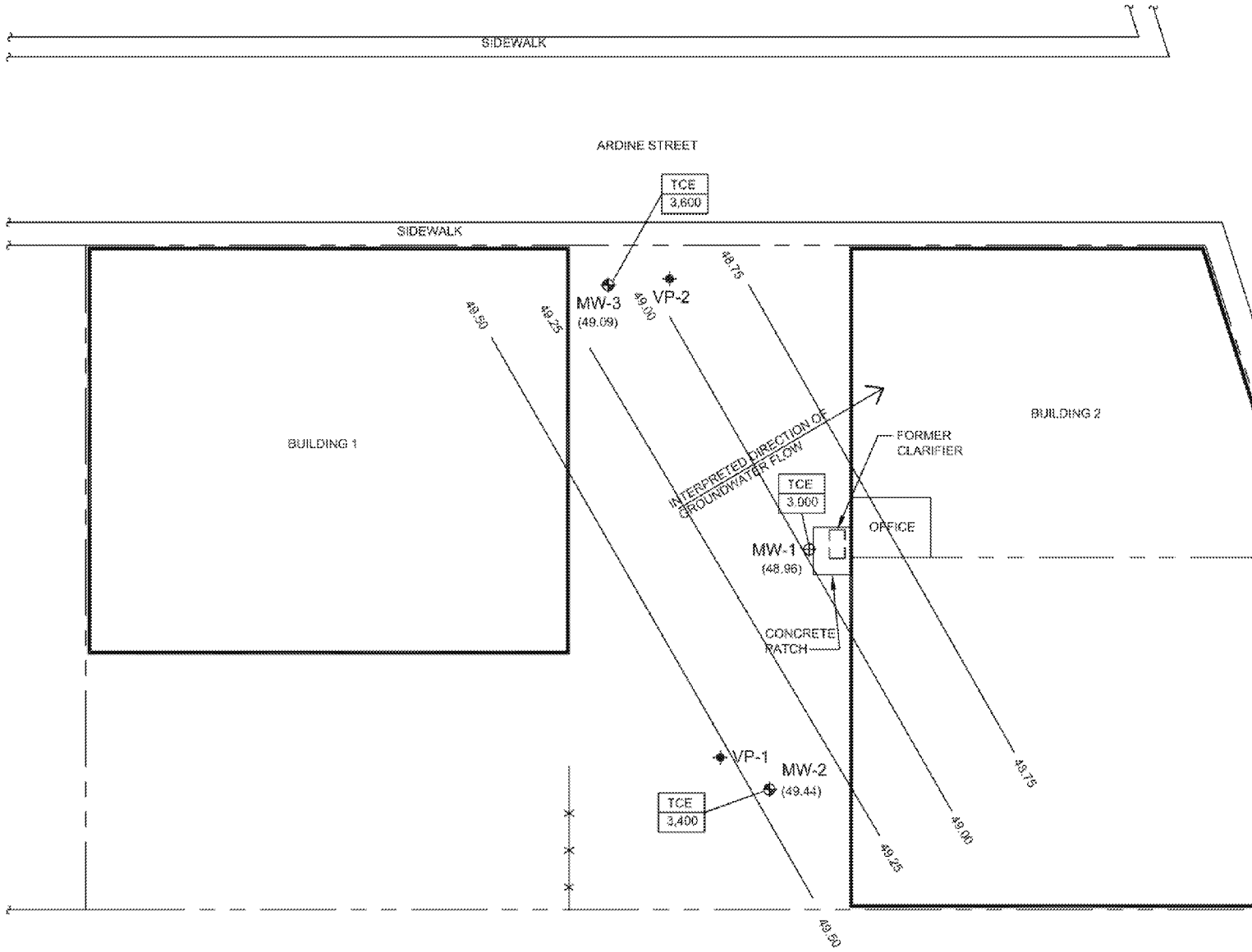
APPROXIMATE SCALE IN FEET

0 2400

N

NOTE: ALL DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE

ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 100011001	SITE LOCATION MAP	FIGURE
	DATE 3/07	8411 SOUTH ATLANTIC AVENUE CUDAHY, CALIFORNIA	1



N

APPROXIMATE SCALE IN FEET

0 30 60

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

ARDENT ENVIRONMENTAL GROUP, INC.

XX.DWG

ATTACHMENT D

FIELD PROCEDURES

ARDENT

FIELD PROCEDURES

Purge Method Groundwater Sample Collection Procedures

1. Field activities and equipment utilization were recorded on Groundwater Sampling Field Data Sheets.

2. The water level and depth to the bottom of each well was measured using a conductance probe, the measurements were recorded to the nearest 0.01 foot. Prior to use, the probe was rinsed in an Alconox solution (an inorganic detergent), followed by two deionized-water rinses.

3. The volume of water (in gallons) contained in the well casings was estimated using the following equation:

$$\text{Casing Volume (gallons)} = \quad \times h \times 7.5 \times r^2$$

   Where r equals the radius of the well casing, h equals the height of the water in the well, = 3.14, and 7.5 is equal to gallons per 1 cubic foot of water.

4. Prior to initiating a sampling program, the wells were purged of standing water. A water sample was collected following the removal of a minimum of three casing volumes of water and/or stabilization of pH, temperature, and electrical conductivity readings to within 5 percent of each other for three subsequent measurements.

5. A 55-gallon drum was used to measure the volume of water removed.

6. Disposable bailers were used for sampling the wells.

7. New line was used on the sampling bailers for each well.

8. Water samples were collected by lowering the bailer approximately 2 to 4 feet below the static groundwater level and raising the bailer slowly in order to minimize agitation of the water sample in the bailer.

9. Water was discharged from the bailer through a bottom discharge valve placed on the bottom of the sample container. Discharge to the sample container was conducted at a rate slow enough to minimize bubbling or significant agitation of the liquid. The sample container was filled to the top (from the bottom up) and overfilled leaving no remaining headspace.

10. Samples were collected in laboratory-approved 40-milliliter glass vials with Teflon septum lids.

Sample Handling

1. The samples retained for chemical analyses were placed in Ziploc bags and stored in an ice chest cooled, using ice, to a temperature of approximately 40 degrees Fahrenheit.

2. The samples were delivered to and analyzed by a State-certified hazardous waste laboratory within 24 hours of collection. Sample handling, transport, and delivery to the laboratory were documented using chain-of-custody procedures, including the use of chain-of-custody form.

ATTACHMENT E

FIELD DATA SHEETS

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GROUNDWATER SAMPLING FIELD DATA SHEET

Project Name: On Atlantic
Date: 3-28-07
Sampler: PAR
Project No.: 100011001
Weather: Clear warm
Monitoring Well ID: MW1
Site Loaction: 8411 S. Atlantic Ave Cudahy

Casing Diameter: ☐ 2" ☒ 4" ☐ 6" ☐ Other
Casing Material: ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): 79.86
LNAPL Observed?: NO
DNAPL Observed?: NO
Depth to Water (ft-TOC) 50.66
LNAPL Thickness (ft): NA
DNAPL Thickness (ft): NA

Water Column Height (feet): 29.20 x (1/2" = 0.1, 2" = 0.16, 4" = 0.65) gal/ft = 18.98 x 3.0 = 56.94 Min. Purge Volume (gallons)

Water Level Measurment Equip.: Solinst
Cleaned: Yes
Purging Method/Equipment: 2-inch Grundfos submersible pump
Cleaned: Yes
Pump Lines/Bailer Ropes-New or Cleaned?: New

Time	Purge Vol. (gallons)	Temp. (°C)	Cond. (µS/cm)	pH Value	Comments (color, turbidity, odor, sheen, etc…)
840	0	—	—	—	Clear
8:43	5	20	1.31	7.26	"
847	10	20.5	1.30	7.57	"
851	15	20.4	1.30	7.64	"
855	20	20.9	1.30	7.65	"
859	25	20.5	1.30	7.66	"
904	30	20.6	1.28	7.68	"
9:07	35	20.7	1.31	7.69	"
9:10	40	20.9	1.31	7.66	"
9:12	45	20.9	1.31	7.66	"
9:14	50	20.9	1.31	7.66	"
9:17	55	20.9	1.31	7.66	"

Total Volume Purged (gallon): 55
Time Finished Purging: 917
Depth to Water After Purging (ft): 50.67
Percent Recovery: 99%

Sampling Method/Equipment: Bailer

Bailer Rope-New or Cleaned?: New
Sample Time: 11:15
Sample ID: MW1
Replicate ID (if appl.)

Laboratory: ATL

Comments:

Parameter	USEPA Method	Containers/Vol./Type (VOA/Glass/Plastic)	Preservative
VOCs	8260B	VOA (2)	Yes.

ARDENT ENVIRONMENTAL GROUP, INC.

GROUNDWATER SAMPLING FIELD DATA SHEET

Project Name: On Atlantic
Date: 3-28-07
Sampler: PAR
Project No.: 10001001
Weather: Clear, warm
Monitoring Well ID: MW 2
Site Loaction: 8411 S. Atlantic Ave, Cudahy

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material: ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): 68.87
LNAPL Observed?: NO
DNAPL Observed?: NO
Depth to Water (ft-TOC) 50.65
LNAPL Thickness (ft): NA
DNAPL Thickness (ft): NA

Water Column Height (feet): 18.22 x 1/2" = 0.1, 2" = 0.16, 4" = 0.65 gal/ft = 2.91 x 3.0 = 8.75 Min. Purge Volume (gallons)

Water Level Measurment Equip.: Solinist
Cleaned: Yes
Purging Method/Equipment: 2-inch Grundfos Submersible Pump
Cleaned: Yes
Pump Lines/Bailer Ropes-New or Cleaned?: New

Time	Purge Vol. (gallons)	Temp. (°C)	Cond. (µS/cm)	pH Value	Comments (color, turbidity, odor, sheen, etc...)
1037	0	–	–	–	Cloudy
1040	2	20.9	1.26	7.66	"
10:44	4	20.9	1.25	7.68	"
10:47	6	22.1	1.25	7.65	"
10:50	8	22.2	1.24	7.65	Clear
10:54	10	22.1	1.24	7.65	"

Total Volume Purged (gallon): 10
Time Finished Purging: 10:54
Depth to Water After Purging (ft): 50.82
Percent Recovery: 99%

Sampling Method/Equipment: Bailer

Bailer Rope-New or Cleaned?: New
Sample Time: 11:30
Sample ID: MW2
Replicate ID (if appl.)

Laboratory: ATL

Comments:

Parameter	USEPA Method	Containers/Vol./Type (VOA/Glass/Plastic)	Preservative
VOCs	8260B	VOA (2)	Yes

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GROUNDWATER SAMPLING FIELD DATA SHEET

Project Name: On Atlantic
Date: 3.29.07
Sampler: A.A.
Project No.: 10001100\
Weather: Clear, warm
Monitoring Well ID: MW3
Site Loaction: 8411 S. Atlantic Ave, Cudahy

Casing Diameter: ☒ 2" ☐ 4" ☐ 6" ☐ Other
Casing Material: ☒ SCH 40-PVC ☐ Other: S. Steel
Total Depth (ft-TOC): 68.80
LNAPL Observed?: No
DNAPL Observed?: no
Depth to Water (ft-TOC) 50.86
LNAPL Thickness (ft): NA
DNAPL Thickness (ft): NA

Water Column Height (feet): 17.94 x (1/2" = 0.1; 2" = 0.16; 4" = 0.65) gal/ft = 2.87 x 3.0 = 8.61 Min. Purge Volume (gallons)

Water Level Measurment Equip.: Solinst
Cleaned: Yes
Purging Method/Equipment: 2-inch Grundfos submersible pump
Cleaned: Yes
Pump Lines/Bailer Ropes-New or Cleaned?: New

Time	Purge Vol. (gallons)	Temp. (°C)	Cond. (µS/cm)	pH Value	Comments (color, turbidity, odor, sheen, etc...)
	0	–	–	–	
958	2	20.2	1.46	7.70	cloudy
1000	4	20.2	0.75	7.64	
1002	6	22.4	1.49	7.63	Clearer
1008	9	21.8	1.49	7.66	Clear
1010	10	21.8	1.49	7.66	

Total Volume Purged (gallon): 10
Time Finished Purging: 1010
Depth to Water After Purging (ft): 50.89
Percent Recovery: 99%

Sampling Method/Equipment: Bailer

Bailer Rope-New or Cleaned?: New
Sample Time: 11:20
Sample ID: MW3
Replicate ID (if appl.)

Laboratory: ATL

Comments:

Parameter	USEPA Method	Containers/Vol./Type (VOA/Glass/Plastic)	Preservative
VOCs	8260B	VOA (2)	Yes.

ATTACHMENT F

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

April 09, 2007

Paul Roberts
Ardent Environmental Group
1141 Pomona Rd, Suite E
Corona, CA 92882
TEL: (951)736-5334
FAX: (951)736-7560

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 090956

RE: On Atlantic, 100011001

Attention: Paul Roberts

Enclosed are the results for sample(s) received on March 30, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ardent Environmental Group
Project: On Atlantic, 100011001
Lab Order: 090956

CASE NARRATIVE

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: MW1
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-001A

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: TT

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 05:55 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/5/2007 05:55 AM
1,1,2,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 05:55 AM
1,1,2-Trichloroethane	0.23	0.20	0.50	J	µg/L	1	4/5/2007 05:55 AM
1,1-Dichloroethane	ND	0.23	0.50		µg/L	1	4/5/2007 05:55 AM
1,1-Dichloroethene	4.4	0.23	0.50		µg/L	1	4/5/2007 05:55 AM
1,1-Dichloropropene	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
1,2,3-Trichlorobenzene	ND	0.16	0.50		µg/L	1	4/5/2007 05:55 AM
1,2,3-Trichloropropane	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
1,2,4-Trichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 05:55 AM
1,2,4-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
1,2-Dibromo-3-chloropropane	ND	0.24	0.50		µg/L	1	4/5/2007 05:55 AM
1,2-Dibromoethane	ND	0.16	0.50		µg/L	1	4/5/2007 05:55 AM
1,2-Dichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 05:55 AM
1,2-Dichloroethane	ND	0.45	0.50		µg/L	1	4/5/2007 05:55 AM
1,2-Dichloropropane	ND	0.26	0.50		µg/L	1	4/5/2007 05:55 AM
1,3,5-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
1,3-Dichlorobenzene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
1,3-Dichloropropane	ND	0.20	0.50		µg/L	1	4/5/2007 05:55 AM
1,4-Dichlorobenzene	ND	0.21	0.50		µg/L	1	4/5/2007 05:55 AM
2,2-Dichloropropane	ND	0.37	0.50		µg/L	1	4/5/2007 05:55 AM
2-Chlorotoluene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
4-Chlorotoluene	ND	0.14	0.50		µg/L	1	4/5/2007 05:55 AM
4-Isopropyltoluene	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
Benzene	0.28	0.15	0.50	J	µg/L	1	4/5/2007 05:55 AM
Bromobenzene	ND	0.20	0.50		µg/L	1	4/5/2007 05:55 AM
Bromodichloromethane	ND	0.21	0.50		µg/L	1	4/5/2007 05:55 AM
Bromoform	ND	0.17	0.50		µg/L	1	4/5/2007 05:55 AM
Bromomethane	ND	0.28	0.50		µg/L	1	4/5/2007 05:55 AM
Carbon tetrachloride	ND	0.45	0.50		µg/L	1	4/5/2007 05:55 AM
Chlorobenzene	ND	0.17	0.50		µg/L	1	4/5/2007 05:55 AM
Chloroethane	ND	0.41	0.50		µg/L	1	4/5/2007 05:55 AM
Chloroform	ND	0.20	0.50		µg/L	1	4/5/2007 05:55 AM
Chloromethane	ND	0.48	0.50		µg/L	1	4/5/2007 05:55 AM
cis-1,2-Dichloroethene	120	11	25		µg/L	50	4/5/2007 01:53 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: MW1
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-001A

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: **TT**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.17	0.50		µg/L	1	4/5/2007 05:55 AM
Dibromochloromethane	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/5/2007 05:55 AM
Dichlorodifluoromethane	ND	0.25	0.50		µg/L	1	4/5/2007 05:55 AM
Ethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
Hexachlorobutadiene	ND	0.21	0.50		µg/L	1	4/5/2007 05:55 AM
Isopropylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
m,p-Xylene	ND	0.36	1.0		µg/L	1	4/5/2007 05:55 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/5/2007 05:55 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/5/2007 05:55 AM
n-Propylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
Naphthalene	ND	0.11	0.50		µg/L	1	4/5/2007 05:55 AM
o-Xylene	ND	0.15	0.50		µg/L	1	4/5/2007 05:55 AM
sec-Butylbenzene	ND	0.16	0.50		µg/L	1	4/5/2007 05:55 AM
Styrene	ND	0.14	0.50		µg/L	1	4/5/2007 05:55 AM
tert-Butylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 05:55 AM
Tetrachloroethene	0.23	0.22	0.50	J	µg/L	1	4/5/2007 05:55 AM
Toluene	ND	0.21	0.50		µg/L	1	4/5/2007 05:55 AM
trans-1,2-Dichloroethene	8.3	0.19	0.50		µg/L	1	4/5/2007 05:55 AM
Trichloroethene	3000	11	25		µg/L	50	4/5/2007 01:53 PM
Trichlorofluoromethane	ND	0.24	0.50		µg/L	1	4/5/2007 05:55 AM
Vinyl chloride	1.9	0.23	0.50		µg/L	1	4/5/2007 05:55 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: MW2
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-002A

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: TT

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/5/2007 08:21 AM
1,1,2,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
1,1,2-Trichloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
1,1-Dichloroethane	0.40	0.23	0.50	J	µg/L	1	4/5/2007 08:21 AM
1,1-Dichloroethene	8.0	0.23	0.50		µg/L	1	4/5/2007 08:21 AM
1,1-Dichloropropene	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
1,2,3-Trichlorobenzene	ND	0.16	0.50		µg/L	1	4/5/2007 08:21 AM
1,2,3-Trichloropropane	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
1,2,4-Trichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 08:21 AM
1,2,4-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
1,2-Dibromo-3-chloropropane	ND	0.24	0.50		µg/L	1	4/5/2007 08:21 AM
1,2-Dibromoethane	ND	0.16	0.50		µg/L	1	4/5/2007 08:21 AM
1,2-Dichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 08:21 AM
1,2-Dichloroethane	ND	0.45	0.50		µg/L	1	4/5/2007 08:21 AM
1,2-Dichloropropane	ND	0.26	0.50		µg/L	1	4/5/2007 08:21 AM
1,3,5-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
1,3-Dichlorobenzene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
1,3-Dichloropropane	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
1,4-Dichlorobenzene	ND	0.21	0.50		µg/L	1	4/5/2007 08:21 AM
2,2-Dichloropropane	ND	0.37	0.50		µg/L	1	4/5/2007 08:21 AM
2-Chlorotoluene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
4-Chlorotoluene	ND	0.14	0.50		µg/L	1	4/5/2007 08:21 AM
4-Isopropyltoluene	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
Benzene	0.34	0.15	0.50	J	µg/L	1	4/5/2007 08:21 AM
Bromobenzene	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
Bromodichloromethane	ND	0.21	0.50		µg/L	1	4/5/2007 08:21 AM
Bromoform	ND	0.17	0.50		µg/L	1	4/5/2007 08:21 AM
Bromomethane	ND	0.28	0.50		µg/L	1	4/5/2007 08:21 AM
Carbon tetrachloride	ND	0.45	0.50		µg/L	1	4/5/2007 08:21 AM
Chlorobenzene	ND	0.17	0.50		µg/L	1	4/5/2007 08:21 AM
Chloroethane	ND	0.41	0.50		µg/L	1	4/5/2007 08:21 AM
Chloroform	ND	0.20	0.50		µg/L	1	4/5/2007 08:21 AM
Chloromethane	ND	0.46	0.50		µg/L	1	4/5/2007 08:21 AM
cis-1,2-Dichloroethene	410	11	25		µg/L	50	4/5/2007 02:20 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
	Results are wet, unless otherwise specified
E	Value above quantitation range
J	Analyte detected below quantitation limits
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Lab Order: 090956
Project: On Atlantic, 100011001
Lab ID: 090956-002A

Client Sample ID: MW2
Collection Date: 3/28/2007
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: MS2_070404B	QC Batch: Q07VW0059			PrepDate:			Analyst: TT
cis-1,3-Dichloropropene	ND	0.17	0.50		µg/L	1	4/5/2007 08:21 AM
Dibromochloromethane	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/5/2007 08:21 AM
Dichlorodifluoromethane	ND	0.25	0.50		µg/L	1	4/5/2007 08:21 AM
Ethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
Hexachlorobutadiene	ND	0.21	0.50		µg/L	1	4/5/2007 08:21 AM
Isopropylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
m,p-Xylene	ND	0.36	1.0		µg/L	1	4/5/2007 08:21 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/5/2007 08:21 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/5/2007 08:21 AM
n-Propylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
Naphthalene	ND	0.11	0.50		µg/L	1	4/5/2007 08:21 AM
o-Xylene	ND	0.15	0.50		µg/L	1	4/5/2007 08:21 AM
sec-Butylbenzene	ND	0.16	0.50		µg/L	1	4/5/2007 08:21 AM
Styrene	ND	0.14	0.50		µg/L	1	4/5/2007 08:21 AM
tert-Butylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:21 AM
Tetrachloroethene	ND	0.22	0.50		µg/L	1	4/5/2007 08:21 AM
Toluene	ND	0.21	0.50		µg/L	1	4/5/2007 08:21 AM
trans-1,2-Dichloroethene	18	0.19	0.50		µg/L	1	4/5/2007 08:21 AM
Trichloroethene	3400	11	25		µg/L	50	4/5/2007 02:20 PM
Trichlorofluoromethane	ND	0.24	0.50		µg/L	1	4/5/2007 08:21 AM
Vinyl chloride	2.2	0.23	0.50		µg/L	1	4/5/2007 08:21 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: MW3
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-003A

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: TT

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 06:48 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/5/2007 06:48 AM
1,1,2,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/5/2007 06:48 AM
1,1,2-Trichloroethane	0.22	0.20	0.50	J	µg/L	1	4/5/2007 06:48 AM
1,1-Dichloroethane	ND	0.23	0.50		µg/L	1	4/5/2007 06:48 AM
1,1-Dichloroethene	4.9	0.23	0.50		µg/L	1	4/5/2007 06:48 AM
1,1-Dichloropropene	ND	0.18	0.50		µg/L	1	4/5/2007 06:48 AM
1,2,3-Trichlorobenzene	ND	0.16	0.50		µg/L	1	4/5/2007 06:48 AM
1,2,3-Trichloropropane	ND	0.18	0.50		µg/L	1	4/5/2007 06:48 AM
1,2,4-Trichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 06:48 AM
1,2,4-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 06:48 AM
1,2-Dibromo-3-chloropropane	ND	0.24	0.50		µg/L	1	4/5/2007 06:48 AM
1,2-Dibromoethane	ND	0.16	0.50		µg/L	1	4/5/2007 06:48 AM
1,2-Dichlorobenzene	ND	0.14	0.50		µg/L	1	4/5/2007 06:48 AM
1,2-Dichloroethane	1.3	0.45	0.50		µg/L	1	4/5/2007 06:48 AM
1,2-Dichloropropane	ND	0.26	0.50		µg/L	1	4/5/2007 06:48 AM
1,3,5-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 06:48 AM
1,3-Dichlorobenzene	ND	0.15	0.50		µg/L	1	4/5/2007 06:48 AM
1,3-Dichloropropane	ND	0.20	0.50		µg/L	1	4/5/2007 06:48 AM
1,4-Dichlorobenzene	ND	0.21	0.50		µg/L	1	4/5/2007 06:48 AM
2,2-Dichloropropane	ND	0.37	0.50		µg/L	1	4/5/2007 06:48 AM
2-Chlorotoluene	ND	0.15	0.50		µg/L	1	4/5/2007 06:48 AM
4-Chlorotoluene	ND	0.14	0.50		µg/L	1	4/5/2007 06:48 AM
4-Isopropyltoluene	ND	0.18	0.50		µg/L	1	4/5/2007 06:48 AM
Benzene	0.39	0.15	0.50	J	µg/L	1	4/5/2007 06:48 AM
Bromobenzene	ND	0.20	0.50		µg/L	1	4/5/2007 06:48 AM
Bromodichloromethane	ND	0.21	0.50		µg/L	1	4/5/2007 06:48 AM
Bromoform	ND	0.17	0.50		µg/L	1	4/5/2007 06:48 AM
Bromomethane	ND	0.28	0.50		µg/L	1	4/5/2007 06:48 AM
Carbon tetrachloride	ND	0.45	0.50		µg/L	1	4/5/2007 06:48 AM
Chlorobenzene	ND	0.17	0.50		µg/L	1	4/5/2007 06:48 AM
Chloroethane	ND	0.41	0.50		µg/L	1	4/5/2007 06:48 AM
Chloroform	ND	0.20	0.50		µg/L	1	4/5/2007 06:48 AM
Chloromethane	ND	0.46	0.50		µg/L	1	4/5/2007 06:48 AM
cis-1,2-Dichloroethene	360	11	25		µg/L	50	4/5/2007 02:47 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: MW3
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-003A

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: MS2_070404B	QC Batch: Q07VW0059			PrepDate:			Analyst: TT
cis-1,3-Dichloropropene	ND	0.17	0.50		µg/L	1	4/5/2007 08:48 AM
Dibromochloromethane	ND	0.18	0.50		µg/L	1	4/5/2007 08:48 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/5/2007 08:48 AM
Dichlorodifluoromethane	ND	0.25	0.50		µg/L	1	4/5/2007 08:48 AM
Ethylbenzene	ND	0.15	0.50		µg/L	1	4/5/2007 08:48 AM
Hexachlorobutadiene	ND	0.21	0.50		µg/L	1	4/5/2007 08:48 AM
Isopropylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:48 AM
m,p-Xylene	ND	0.36	1.0		µg/L	1	4/5/2007 08:48 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/5/2007 08:48 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/5/2007 08:48 AM
n-Propylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:48 AM
Naphthalene	ND	0.11	0.50		µg/L	1	4/5/2007 08:48 AM
o-Xylene	ND	0.15	0.50		µg/L	1	4/5/2007 08:48 AM
sec-Butylbenzene	ND	0.16	0.50		µg/L	1	4/5/2007 08:48 AM
Styrene	ND	0.14	0.50		µg/L	1	4/5/2007 08:48 AM
tert-Butylbenzene	ND	0.18	0.50		µg/L	1	4/5/2007 08:48 AM
Tetrachloroethene	ND	0.22	0.50		µg/L	1	4/5/2007 08:48 AM
Toluene	ND	0.21	0.50		µg/L	1	4/5/2007 08:48 AM
trans-1,2-Dichloroethene	19	0.19	0.50		µg/L	1	4/5/2007 08:48 AM
Trichloroethene	3600	11	25		µg/L	50	4/5/2007 02:47 PM
Trichlorofluoromethane	ND	0.24	0.50		µg/L	1	4/5/2007 08:48 AM
Vinyl chloride	2.2	0.23	0.50		µg/L	1	4/5/2007 08:48 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Client Sample ID: Trip Blank
Lab Order: 090956
Collection Date: 3/28/2007
Project: On Atlantic, 100011001
Matrix: WATER
Lab ID: 090956-004A

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: TT

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/4/2007 10:51 PM
1,1,2,2-Tetrachloroethane	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
1,1,2-Trichloroethane	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
1,1-Dichloroethane	ND	0.23	0.50		µg/L	1	4/4/2007 10:51 PM
1,1-Dichloroethene	ND	0.23	0.50		µg/L	1	4/4/2007 10:51 PM
1,1-Dichloropropene	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
1,2,3-Trichlorobenzene	ND	0.16	0.50		µg/L	1	4/4/2007 10:51 PM
1,2,3-Trichloropropane	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
1,2,4-Trichlorobenzene	ND	0.14	0.50		µg/L	1	4/4/2007 10:51 PM
1,2,4-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
1,2-Dibromo-3-chloropropane	ND	0.24	0.50		µg/L	1	4/4/2007 10:51 PM
1,2-Dibromoethane	ND	0.16	0.50		µg/L	1	4/4/2007 10:51 PM
1,2-Dichlorobenzene	ND	0.14	0.50		µg/L	1	4/4/2007 10:51 PM
1,2-Dichloroethane	ND	0.45	0.50		µg/L	1	4/4/2007 10:51 PM
1,2-Dichloropropane	ND	0.26	0.50		µg/L	1	4/4/2007 10:51 PM
1,3,5-Trimethylbenzene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
1,3-Dichlorobenzene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
1,3-Dichloropropane	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
1,4-Dichlorobenzene	ND	0.21	0.50		µg/L	1	4/4/2007 10:51 PM
2,2-Dichloropropane	ND	0.37	0.50		µg/L	1	4/4/2007 10:51 PM
2-Chlorotoluene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
4-Chlorotoluene	ND	0.14	0.50		µg/L	1	4/4/2007 10:51 PM
4-Isopropyltoluene	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
Benzene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
Bromobenzene	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
Bromodichloromethane	ND	0.21	0.50		µg/L	1	4/4/2007 10:51 PM
Bromoform	ND	0.17	0.50		µg/L	1	4/4/2007 10:51 PM
Bromomethane	ND	0.28	0.50		µg/L	1	4/4/2007 10:51 PM
Carbon tetrachloride	ND	0.45	0.50		µg/L	1	4/4/2007 10:51 PM
Chlorobenzene	ND	0.17	0.50		µg/L	1	4/4/2007 10:51 PM
Chloroethane	ND	0.41	0.50		µg/L	1	4/4/2007 10:51 PM
Chloroform	ND	0.20	0.50		µg/L	1	4/4/2007 10:51 PM
Chloromethane	ND	0.46	0.50		µg/L	1	4/4/2007 10:51 PM
cis-1,2-Dichloroethene	ND	0.23	0.50		µg/L	1	4/4/2007 10:51 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet, unless otherwise specified	DO	Surrogate Diluted Out

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *09-Apr-07*

CLIENT: Ardent Environmental Group
Lab Order: 090956
Project: On Atlantic, 100011001
Lab ID: 090956-004A

Client Sample ID: Trip Blank
Collection Date: 3/28/2007
Matrix: WATER

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_070404B** QC Batch: **Q07VW0059** PrepDate: Analyst: **TT**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.17	0.50		µg/L	1	4/4/2007 10:51 PM
Dibromochloromethane	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/4/2007 10:51 PM
Dichlorodifluoromethane	ND	0.25	0.50		µg/L	1	4/4/2007 10:51 PM
Ethylbenzene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
Hexachlorobutadiene	ND	0.21	0.50		µg/L	1	4/4/2007 10:51 PM
Isopropylbenzene	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
m,p-Xylene	ND	0.36	1.0		µg/L	1	4/4/2007 10:51 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/4/2007 10:51 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/4/2007 10:51 PM
n-Propylbenzene	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
Naphthalene	ND	0.11	0.50		µg/L	1	4/4/2007 10:51 PM
o-Xylene	ND	0.15	0.50		µg/L	1	4/4/2007 10:51 PM
sec-Butylbenzene	ND	0.16	0.50		µg/L	1	4/4/2007 10:51 PM
Styrene	ND	0.14	0.50		µg/L	1	4/4/2007 10:51 PM
tert-Butylbenzene	ND	0.18	0.50		µg/L	1	4/4/2007 10:51 PM
Tetrachloroethene	ND	0.22	0.50		µg/L	1	4/4/2007 10:51 PM
Toluene	ND	0.21	0.50		µg/L	1	4/4/2007 10:51 PM
trans-1,2-Dichloroethene	ND	0.19	0.50		µg/L	1	4/4/2007 10:51 PM
Trichloroethene	ND	0.22	0.50		µg/L	1	4/4/2007 10:51 PM
Trichlorofluoromethane	ND	0.24	0.50		µg/L	1	4/4/2007 10:51 PM
Vinyl chloride	ND	0.23	0.50		µg/L	1	4/4/2007 10:51 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
	Results are wet, unless otherwise specified
E	Value above quantitation range
J	Analyte detected below quantitation limits
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out

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CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040407LC2** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **LCSW** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	22.370	0.50	20.00	0	112	74	132				
Benzene	20.440	0.50	20.00	0	102	86	116				
Chlorobenzene	21.120	0.50	20.00	0	106	82	115				
MTBE	18.630	0.50	20.00	0	93.2	71	129				
Toluene	19.820	0.50	20.00	0	99.1	88	115				
Trichloroethene	20.450	0.50	20.00	0	102	88	116				
Surr: 1,2-Dichloroethane-d4	21.330		25.00		85.3	67	116				
Surr: 4-Bromofluorobenzene	23.450		25.00		93.8	81	116				
Surr: Dibromofluoromethane	22.190		25.00		88.8	77	112				
Surr: Toluene-d8	23.640		25.00		94.6	82	116				

Sample ID: **Q040407MB4MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **ZZZZZZ** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164633**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	22.130	0.50	20.00	0	111	74	132				
Benzene	20.330	0.50	20.00	0	102	86	116				
Chlorobenzene	21.290	0.50	20.00	0	106	82	115				
Toluene	19.380	0.50	20.00	0	96.9	88	116				
Trichloroethene	20.250	0.50	20.00	0	101	86	116				

Sample ID: **Q040407MB4MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **ZZZZZZ** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.930	0.50	20.00	0	110	74	132	22.13	0.908	30	
Benzene	20.580	0.50	20.00	0	103	86	116	20.33	1.22	30	
Chlorobenzene	21.430	0.50	20.00	0	107	82	115	21.29	0.655	30	

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

Advanced Technology Laboratories 3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.9045 Fax: 562.989.4040

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040407MB4MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **ZZZZZZ** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	19.950	0.50	20.00	0	99.8	88	115	19.38	2.90	30	
Trichloroethene	20.580	0.50	20.00	0	103	86	118	20.25	1.62	30	

Sample ID: **Q040407MB4** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **PBW** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

Advanced Technology Laboratories 3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562 989-9045 Fax: 562 989-4040

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040407MB4** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77305**
Client ID: **PBW** Batch ID: **Q07VW0059** TestNo: **EPA 8260B** Analysis Date: **4/4/2007** SeqNo: **1164635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

Advanced Technology Laboratories 3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040407MB4**	SampType: **MBLK**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **77305**
Client ID: **PBW**	Batch ID: **Q07VW0059**	TestNo: **EPA 8260B**		Analysis Date: **4/4/2007**	SeqNo: **1164635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

Advanced Technology Laboratories 3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4045

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040507LC1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77317**
Client ID: **LCSW** Batch ID: **Q07VW0060** TestNo: **EPA 8260B** Analysis Date: **4/5/2007** SeqNo: **1164889**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.580	0.50	20.00	0	108	74	132				
Benzene	20.580	0.50	20.00	0	103	86	118				
Chlorobenzene	20.480	0.50	20.00	0	102	82	115				
MTBE	18.590	0.50	20.00	0	93.0	71	129				
Toluene	19.810	0.50	20.00	0	99.0	88	115				
Trichloroethene	20.790	0.50	20.00	0	104	86	118				
Surr: 1,2-Dichloroethane-d4	21.710		25.00		86.8	67	118				
Surr: 4-Bromofluorobenzene	23.200		25.00		92.8	81	119				
Surr: Dibromofluoromethane	22.430		25.00		89.7	77	112				
Surr: Toluene-d8	23.690		25.00		94.8	82	118				

Sample ID: **Q040507MB2MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77317**
Client ID: **ZZZZZZ** Batch ID: **Q07VW0060** TestNo: **EPA 8260B** Analysis Date: **4/5/2007** SeqNo: **1164890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	22.970	0.50	20.00	0	115	74	132				
Benzene	20.750	0.50	20.00	0	104	86	118				
Chlorobenzene	21.110	0.50	20.00	0	106	82	115				
Toluene	20.380	0.50	20.00	0	102	88	115				
Trichloroethene	21.180	0.50	20.00	0	106	86	118				

Sample ID: **Q040507MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77317**
Client ID: **ZZZZZZ** Batch ID: **Q07VW0060** TestNo: **EPA 8260B** Analysis Date: **4/5/2007** SeqNo: **1164891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.430	0.50	20.00	0	107	74	132	22.87	6.94	30	
Benzene	20.370	0.50	20.00	0	102	86	118	20.75	1.85	30	
Chlorobenzene	21.090	0.50	20.00	0	105	82	115	21.11	0.0946	30	
Toluene	20.180	0.50	20.00	0	101	88	115	20.38	1.09	30	
Trichloroethene	20.790	0.50	20.00	0	104	86	118	21.18	1.86	30	

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040507MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77317**
Client ID: **PBW** Batch ID: **Q07VW0060** TestNo: **EPA 8260B** Analysis Date: **4/6/2007** SeqNo: **1164892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

Advanced Technology Laboratories 3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.9045 Fax: 562.989.4040

CLIENT: Ardent Environmental Group
Work Order: 090956
Project: On Atlantic, 100011001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q040507MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **77317**
Client ID: **PBW** Batch ID: **Q07VW0060** TestNo: **EPA 8260B** Analysis Date: **4/6/2007** SeqNo: **1164892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CHAIN OF CUSTODY RECORD

Pg ____ of ____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: ____ D.O. # ____
P.O.#: ____
Logged By: [signature] Date: 3/30/07 Time: 1630

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☑ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: Ardent Environmental Group Inc.
Attn: Paul Roberts
Address: 1141 Pomona Rd, Suite E
City: Corona State: CA Zip Code: 92882
TEL: (951) 736-5334
FAX: (951) 736-7566

Project Name: On Atlantic Project #: 100011001 Sampler: (Printed Name) Paul Roberts (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 3-29-07 Time: 1119A Received by: (Signature and Printed Name) [signature] Date: 3-29-07 Time: 1019A
Relinquished by: (Signature and Printed Name) [signature] Date: 3-29-07 Time: 6:20p Received by: (Signature and Printed Name) [signature] Date: 3/29/07 Time: 6:38p
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ____
TEST: ____
ATL #: ____
DATE: ____
CLIENT I.D. ____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Paul Roberts Date: 3/28/07
Print Name
[signature]
Signature

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments:
- Use RWQCB detection limits
- Global ID SL0603783105

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010 (Halogenated Volatiles-GC)	602/8020/BTEX (Aromatic Volatiles-GC)	608/8080 (Pesticides/PCB-GC)	624/8240 (Volatiles-GC/MS)	8260 (Volatiles-GC/MS)	625/8270 (BNA-GC/MS)	8015M TPH/BTEX(COMBINATION)	8015M TPH/D (Diesel-GC)	418.1 (TPH-IR)	Metals-Total (CAC-6010/7000)	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	0907[illegible]-001	MW1	3/28						X													E	2	V G	Y	
	2	MW2	↓						X													↓	↓	↓	↓	
	3	MW3	↓						X													↓	↓	↓	↓	
	4	Trip Blank	↓						X													↓	↓	↓	↓	

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.