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FINAL

BASELINE GROUNDWATER SAMPLING REPORT FOR INSTALLATION RESTORATION PROGRAM SITES 4, 7 AND 9

NEW YORK AIR NATIONAL GUARD
(106TH RESCUE WING)
FRANCIS GABRESKI INTERNATIONAL AIRPORT

WESTHAMPTON BEACH, NEW YORK

JULY 2007

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July 25, 2007

Ms. Heather Bishop
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation, Remedial Bureau A
625 Broadway, 11th Floor
Albany, NY 12233-7015

REFERENCE: **National Guard Bureau Contract No. DAHA92-01-D-0008**
Delivery Order 0038 Remedial Action Construction
New York Air National Guard 106th Rescue Wing
IRP Sites 4, 7 and 9
Francis S. Gabreski Airport, Westhampton Beach, New York

SUBJECT: **Final Baseline Groundwater Sampling Report, dated July 2007**

Dear Ms. Bishop,

Enclosed please find one copy of the above referenced document. Additional copies have been forwarded per the distribution list provided below.

Should you have any questions, please do not hesitate to contact me at (770) 614-0729 or by email at Michael.K.Klosky@saic.com. Thank you Ms. Bishop.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Michael Klosky
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FINAL

BASELINE GROUNDWATER SAMPLING REPORT FOR INSTALLATION RESTORATION PROGRAM SITES 4, 7 AND 9

NEW YORK AIR NATIONAL GUARD (106TH RESCUE WING) FRANCIS GABRESKI INTERNATIONAL AIRPORT

WESTHAMPTON BEACH, NEW YORK

JULY 2007

Contract No. DAHA92-01-D-0008
Delivery Orders 0027

Prepared for
NGB/A7CVR
New York Air National Guard, Westhampton Beach, New York

Prepared by
Science Applications International Corporation
Oak Ridge, Tennessee

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

contributed to the preparation of this document and should not be considered an eligible contractor for its review.

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ACRONYMS AND ABBREVIATIONS

amsl	above mean sea level
ANG	Air National Guard
bgs	below ground surface
BTOC	below top of casing
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
°C	degree Celsius
COC	Chain of Custody
DERP	Defense Environmental Restoration Program
DO	dissolved oxygen
DoD	Department of Defense
DTW	depth to water
EPA	U.S. Environmental Protection Agency
ft	feet
in	inches
IRP	Installation Restoration Program
MCL	Maximum Contaminant Level
mg/L	milligram per liter
mS/cm	millisiemens per centimeter
mV	millivolt
N/A	not available or not applicable
NGB/A7CVR	National Guard Bureau Environmental Restoration Branch
NS	not sampled
NYANG	New York Air National Guard
NYSDEC	New York State Department of Conservation
NTU	nephelometric turbidity unit
ORP	Oxidation Reduction Potential
PEER	PEER Consultants, P.C.
PVC	polyvinyl chloride
RI	Remedial Investigation
RW	Rescue Wing
SAIC	Science Applications International Corporation
SARA	Superfund Amendments and Reauthorization Act
STU	standard units
SVOC	semi volatile organic compound
µg/L	micrograms per liter
VOC	volatile organic compound

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1.0 INTRODUCTION

In 1984, the Defense Environmental Restoration Program (DERP) was established to promote and coordinate efforts for the evaluation and cleanup of contamination at U.S. Department of Defense (DoD) installations. In 1987, DERP became part of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). The Installation Restoration Program (IRP) was established under DERP to identify, investigate, and clean up contamination at DoD installations. The IRP is focused on cleanup of contamination associated with past DoD activities to ensure that threats to public health are eliminated and to restore natural resources for future use following applicable, relevant, and appropriate federal, state, and local cleanup standards. Within the Air National Guard (ANG), the National Guard Bureau Environmental Restoration Branch (NGB/A7CVR) manages the IRP and related activities.

SAIC Engineering of New York, P.C., a wholly owned subsidiary of Science Applications International Corporation (SAIC), has been retained by the ANG to conduct a Remedial Action for three IRP Sites at the New York Air National Guard (NYANG) 106th Rescue Wing (RW), located at Francis Gabreski International Airport, Westhampton Beach, New York. The Remedial Action is being conducted under the National Guard Bureau Contract No. DAHA92-01-D-0008, Delivery Order 0027.

The following report and appendices detail the baseline groundwater sampling for the above referenced sites prior. The analytical results from the March and September 2004 groundwater sampling events along with figures and tables depicting the analytical findings are used to present the most current groundwater conditions at IRP Sites 4, 7, and 9. The analytical data sheets for these sampling events are included as Appendix A. In addition to the 2004 data, historical groundwater data are presented in the data tables. The data presented here are to be used to determining the appropriate path forward for IRP Sites 4, 7, and 9 in subsequent Remedial Action Plan documents to be developed.

1.1 OVERVIEW

A total of 17 monitoring wells were scheduled to be purged and sampled during the baseline groundwater sampling (March 2004) activities to determine the horizontal extent of groundwater contamination and to facilitate the design of the proposed remedial treatment systems at IRP Sites 4, 7, and 9 (Figure 1), as necessary.

All groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), target analyte list metals, nitrate/nitrite, sulfate, and methane. Additional field parameters such as dissolved oxygen (DO), pH, temperature, and turbidity were also measured and recorded in the field. Historical well construction details are provided in Table 1.

Monitoring wells SW-16, MW-24 and MW-103 were scheduled to be sampled; however, the wells could not be located. Monitoring well MW-00X also was noted to be missing during the field activities. Therefore, the following 14 monitoring wells were purged and sampled at IRP Sites 4, 7, and 9 (Figures 2 and 3):

- Site 4 – SW-05, SW-06, SW-07, SW-10, SDW-21, SDW-22, SDW-23, and SDW-24;
- Site 7 – MW-23, MW-104, MW-105, and MW-106; and
- Site 9 – SW-08 and SW-09.

Table 1. Well Construction Details
Installation Restoration Program Sites 4, 7, and 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Well ID	Top of Casing Elevation (ft amsl)	Total Depth (ft BTOC)	Screen Interval (ft bgs)	Distance To Water (ft BTOC)	Diameter (inches)	Casing	2004 Sampling Method
IRP Site 4 Wells							
SW05	43.87	40.75 ft	26 to 36 ft	27.48 ft	2 in.	6-in. Steel Casing	Peristaltic Pump
SW06	41.38	32.95 ft	20 to 30 ft	24.82 ft	2 in.	6-in. Steel Casing	Peristaltic Pump
SW07	46.66	37.75 ft	25 to 35 ft	31.00 ft	2 in.	6-in. Steel Casing	Peristaltic Pump
SW10	47.00	37.4 ft	24.5 to 34.5 ft	29.35 ft	2 in.	6-in. Steel Casing	Peristaltic Pump
SDW21	46.89	38 ft	27.2 to 36.8 ft	31.20 ft	1 in.	4-in. PVC Casing	Peristaltic Pump
SDW22	46.84	63.56 ft	58.1 to 63.1 ft	31.14 ft	1 in.	4-in. PVC Casing	Peristaltic Pump
SDW16	48.49	39.70 ft	29.7 to 39.7 ft	N/A	1 in.	N/A	N/A
SDW23	41.53	33.2 ft	No data	27.67 ft	1 in.	4-in. PVC Casing	Peristaltic Pump
SDW24	40.85	32.7 ft	No data	25.27 ft	1 in.	4-in. PVC Casing	Peristaltic Pump
IRP Site 7 Wells							
MW-23	43.87	39.3 ft	No Data	31.48 ft	4 in.	No Casing	Bladder Pump
MW-24	45.99	N/A	N/A	N/A	4 in.	N/A	N/A
MW-103	44.97	N/A	N/A	N/A	N/A	N/A	N/A
MW-104	50.11	116 ft	15 ft (Length)	37.83 ft	2 in.	4-in. Steel Casing	Bailer
MW-105	50.33	58.3 ft	20 ft (Length)	38.4 ft	2 in.	4-in. Steel Casing	Bailer
MW-106	49.01	53.3 ft	15 ft (Length)	37.55 ft	2 in.	4-in. Steel Casing	Bailer
IRP Site 9 Wells							
SW-08	36.98	52.4 ft	40 to 50 ft	22.14 ft	2 in.	4-in. Steel Casing	Bladder Pump
SW-09	35.25	52.4 ft	40 to 50 ft	20.32 ft	2 in.	4-in. Steel Casing	Bladder Pump

Abbreviations and Acronyms:
ft – feet
amsl – above mean sea level
bgs – below ground surface
BTOC – below top of casing
in. – inches
PVC – polyvinyl chloride
N/A – not available or not applicable

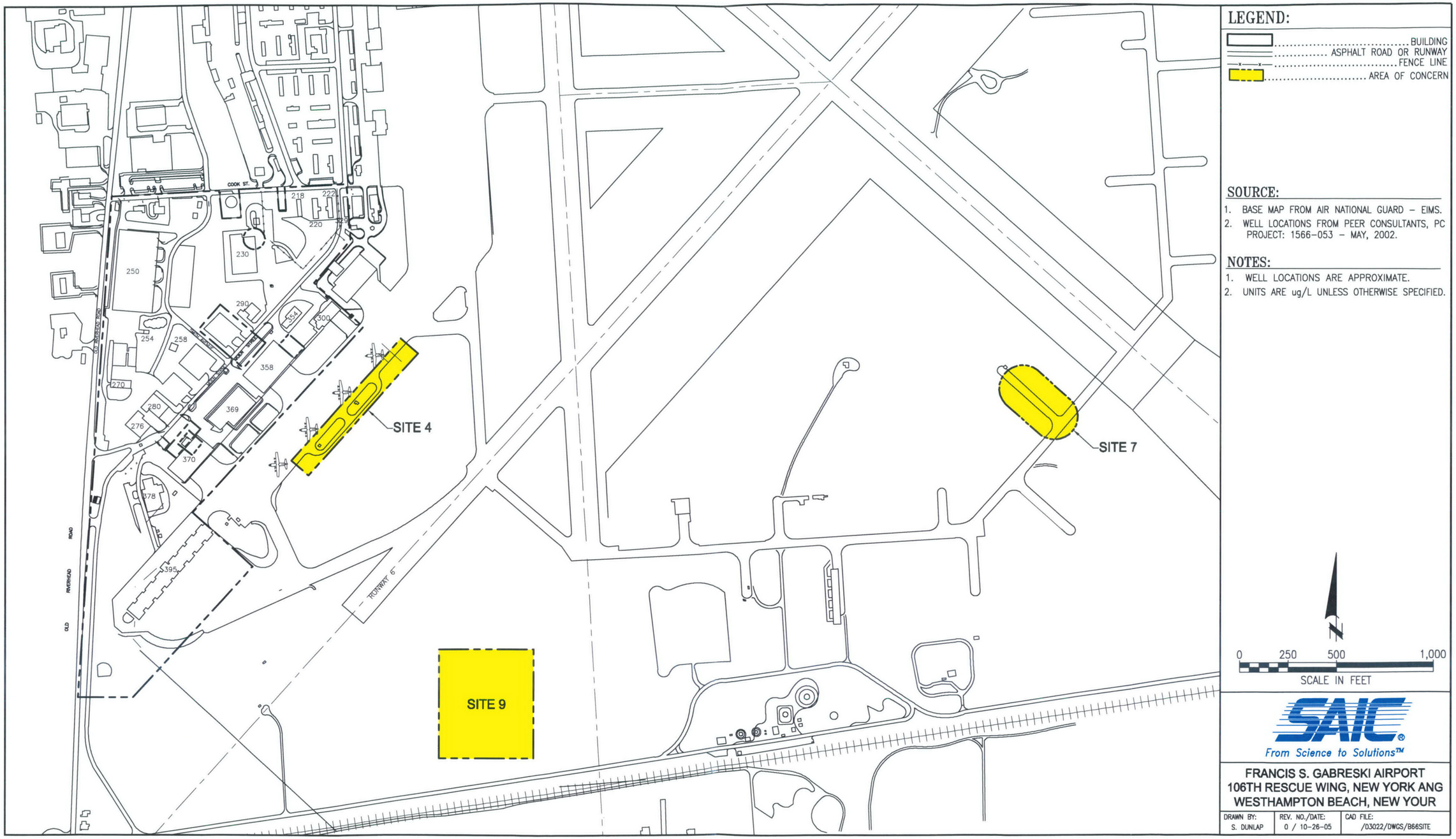


Figure 1. IRP Site 4, 7 and 9 at the 106th Rescue Wing, New York Air Natinoal Guard

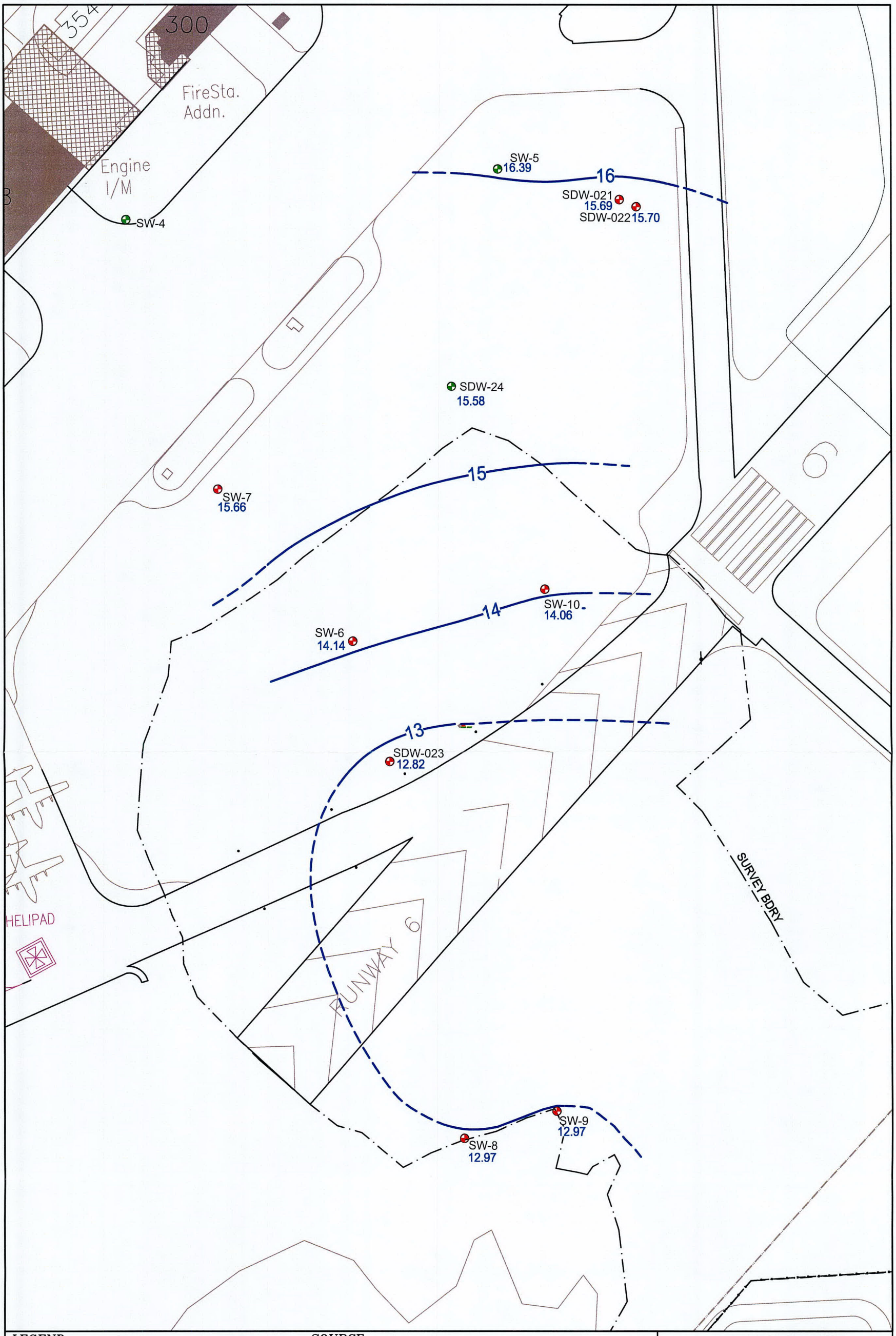


Figure 2. IRP Sites 4 and 9 Potentiometric Surface - 2004

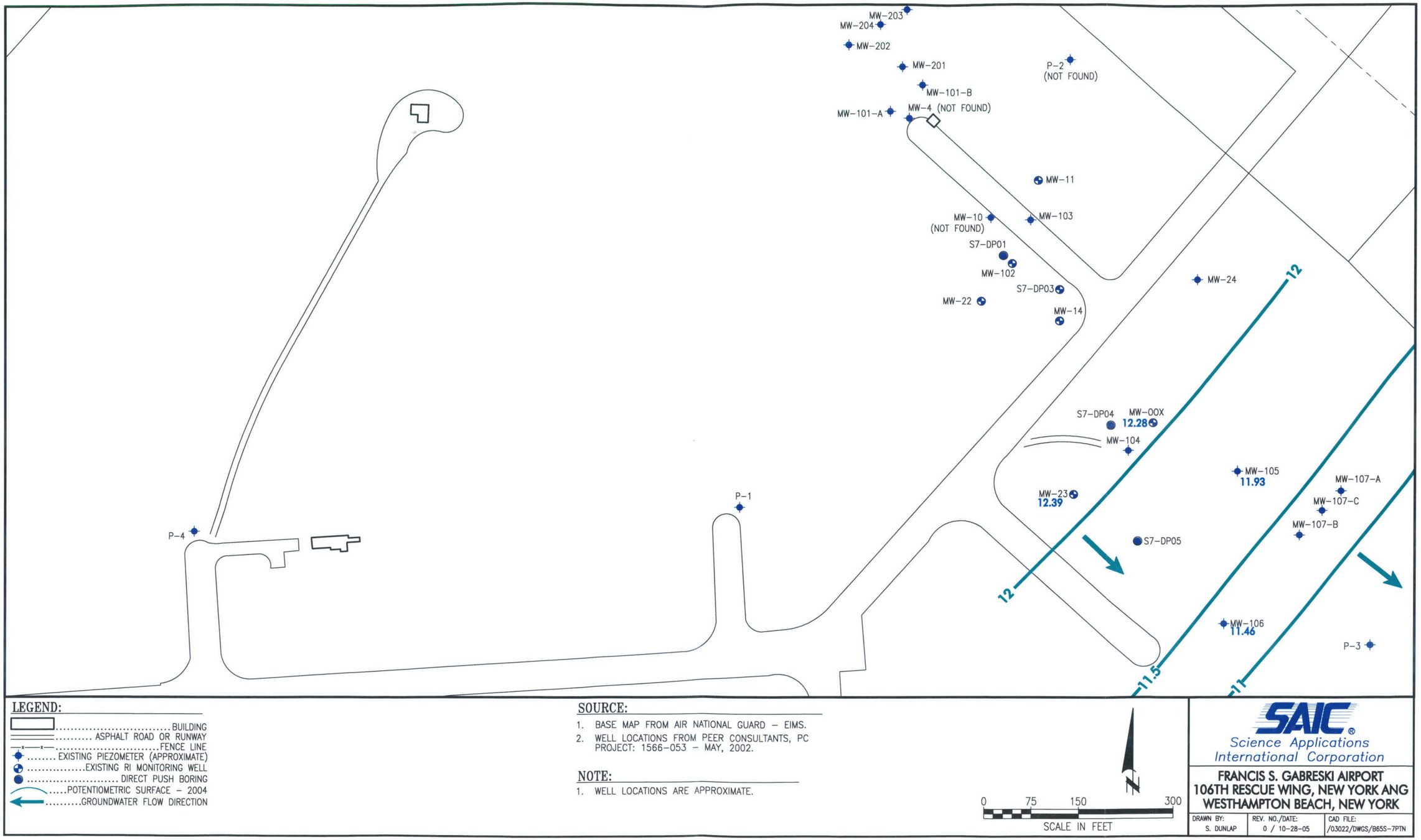


Figure 3. IRP Site 7 Potentiometric Surface - 2004.

Groundwater samples were collected from each monitoring well using low-flow purging techniques to increase the degree of confidence in sample representativeness and groundwater quality results. Each monitoring well was purged immediately prior to sample collection using either a bladder or peristaltic pump. The pump or bottom of the tubing was positioned near the middle of the screened interval of the well to ensure that standing water is removed and fresh formation water is drawn into the well.

Low-flow purging techniques (flow rate of <100 mL/min) were used in conjunction with a flow-through cell to measure the following water quality parameters: pH, specific conductivity, turbidity, DO, oxidation-reduction potential (ORP), and temperature. Purging was considered complete when the indicator parameters of pH, temperature, conductivity, and turbidity have stabilized to within the following limits:

- pH ± 0.1 pH units,
- Temperature ± 1°C,
- Conductivity ± 10%, and
- Turbidity < 10 nephelometric turbidity units (NTUs).

Water levels also were collected from the wells at each site that were sampled. Current potentiometric surface maps for each site are included as Figures 2 and 3. The groundwater flow direction at Site 7 is consistent with that reported in the Final Remedial Investigation (RI) (PEER 2004), which is to the southeast. The current flow interpretation for Sites 4 and 9 vary from that provided in the Final RI (PEER 2004). Based on information included in the Final RI (PEER 2004), many data points were omitted from the potentiometric map interpretation as data were thought to be anomalous. In comparison to current data, those data presented in the Final RI exhibit similar anomalous patterns. That is, in areas where anomalously low or high water level elevations existed in the Final RI, those wells exhibit similar lows and highs based on current data. Therefore, the wells at Sites 4 and 9 were resurveyed in order to obtain more accurate measurements of the top of casing elevations. The results show groundwater flow is towards the south, which agrees well with current plume geometry.

1.2 FIELD CHANGES

The following situations resulted in two field changes to the Work Plan (SAIC 2004). Monitoring wells SW-16, MW-24, and MW-103 were not sampled as scheduled as they were unable to be located. Additionally, on the last day of the March 2004 sampling event, both bladder pumps failed and the remaining wells were too deep to sample with a peristaltic pump, so monitoring wells MW-104, -105, and -106 were sampled with a bailer. These three wells were subsequently re-sampled in September 2004 using a bladder pump to confirm the VOC analysis reported for the initial sampling round.

2.0 RESULTS

The results of the groundwater samples were compared against the New York State Department of Environmental Conservation (NYSDEC) class GA groundwater standards, and the Environmental Protection Agency (EPA) National Primary and Secondary Drinking Water Standards maximum contaminant levels (MCLs). Because of the close proximity of IRP Sites 4 and 9 as well as common contaminants, the groundwater contamination at these two sites is discussed together.

2.1 SITES 4 AND 9

A total of 10 monitoring wells were sampled at IRP Sites 4 and 9 during the March 2004 sampling event. The full analysis for each sample collected in 2004, including those compounds not detected at concentrations above the laboratory method detection limit, are presented in Appendix A.

VOCs

All VOCs detected during the March 2004 event at Sites 4 and 9 are presented with concentrations in Table 2 and 3, respectively. In addition to 2004 data, limited historical data for the detected VOCs are also provided in Tables 2 and 3. The following 13 VOCs were detected above the NYSDEC water quality standards in samples collected in 2004 form IRP Sites 4 and 9:

- (1,1-dimethyl-ethyl)benzene
- (1-methylpropyl)-benzene
- 1-methyl-4-1(1-methylethyl)-benzene
- 1,2,4-trimethybenzene
- 1,3,5-trimethylbenzene
- acetone
- benzene
- butylbenzene
- cumene (isopropylbenzene)
- ethylbenzene
- propylbenzene
- toluene
- total xylenes

Monitoring wells SW-06, SW-09, and SDW-023 (see Figure 4) reported the highest detectable concentrations of these compounds. It should be noted however, that none of the VOCs detected in the groundwater at IRP Sites 4 and 9 exceeded their respective Federal Drinking Water MCLs. All organic compounds exceeding the NYSDEC water quality standards have exceeded only the default value of 5 µg/L.

As shown in Tables 2 and 3, detected concentrations of organic constituents have remained relatively consistent or exhibit slight increases in monitoring well SDW-023. In monitoring well SW-06, reported concentrations of VOCs have generally decreased with the exception of total xylenes, which has increased significantly (currently 2,860 µg/L) from the sample collected in 1998 (77 µg/L). VOC concentrations detected in monitoring well SW-09 (Site 9) also showed marked increases from the results reported in 1998 and 2001. In contrast, ethylbenzene and total xylenes concentrations have decreased significantly in MW-07 and MW-08. Historical data as well as the 2004 sample data are presented in Tables 2 and 3.

Table 2. VOC Reported Detections
Installation Restoration Program Site 4
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

		Site	**SITE 4**								
		Station	SDW-021		SDW-022		SDW-023			SDW-024	
		Sample ID	BW-SDW021-02	MW04-GW21	BW-SDW022-02	MW04-GW22	N/A	BW-SDW23-02	MW04-GW23	GAB-MWSD24-31	N/A
		Date Collected	2001[c]	3/25/2004	2001[c]	3/26/2004	1994[d]	2001[c]	3/24/2004	6/3/1998[d]	5/24/2001[c]
Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**									
(1,1-Dimethyl-ethyl)benzene	*5**	N/A	--	ND	--	ND	--	--	ND	--	--
(1-Methylpropyl)-benzene	N/A	N/A	--	ND	--	ND	--	--	ND	--	--
1,2,4-Trimethyl-benzene	*5**	N/A	--	1.4	--	0.6 J	--	--	**224**	--	--
1,3,5-Trimethyl-benzene	*5**	N/A	--	ND	--	ND	--	--	**81.9**	--	--
Acetone	N/A	N/A	--	ND	--	ND	--	--	ND	--	--
1-Methyl-4-(1-methylethyl)-benzene (p-Isopropyltoluene)	*5**	N/A	--	ND	--	ND	--	--	**5.3**	--	--
Benzene	1	5	--	ND	--	ND	NA	--	ND	--	--
Butylbenzene	*5**	N/A	--	ND	--	ND	--	--	**5**	--	--
Chloroform	7	80	ND	ND	ND	ND	--	--	ND	--	ND
Cumene (Isopropylbenzene)	*5**	N/A	--	1.4	--	ND	--	--	**29.1**	--	--
Ethylbenzene	*5**	700	ND	1	0.3 J	0.4 J	**160**	**130 E**	**194**	ND	ND
n-Propylbenzene	*5**	N/A	--	ND	--	ND	--	--	**35.1**	--	--
Toluene	*5**	1,000	ND	ND	ND	ND	**80**	**9**	**40.8**	--	ND
Xylene, Total	*5**	10,000	0.8 J	**5.5**	1.0 J	2.1	**780**	**630 E**	**924**	--	ND

Table 2. VOC Reported Detections (cont.)
Installation Restoration Program Site 4
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Site			SITE 4									
Station			SDW-024	SW-05	SW-06			SW-07			SW-10	
Sample ID			MW04-GW24	MW04-GW05	N/A	BW-SW06-02	MW04-GW06	N/A	BW-SW07-02	MW04-GW07	BW-SW10-02	MW04-GW10
Date Collected			3/24/2004	3/23/2004	1998[d]	2001[c]	3/24/2004	1998[d]	2001[c]	3/24/2004	2001[c]	3/25/2004
Volatile Organics (µg/L)	NYSDEC[a]	MCL[b]										
(1,1-Dimethyl-ethyl)benzene	5*	N/A	ND	ND	--	--	2.9	--	--	ND	--	ND
(1-Methylpropyl)-benzene	N/A	N/A	ND	ND	--	--	ND	--	--	ND	--	ND
1,2,4-Trimethyl-benzene	5*	N/A	ND	ND	--	--	**515**	--	--	**44.4**	--	2.4
1,3,5-Trimethyl-benzene	5*	N/A	ND	ND	--	--	**230**	--	--	**21.7**	--	ND
Acetone	N/A	N/A	ND	ND	--	--	22.2 J	--	--	ND	--	ND
1-Methyl-4-(1-methylethyl)-benzene (p-Isopropyltoluene)	5*	N/A	ND	ND	--	--	**12**	--	--	ND	--	ND
Benzene	1	5	ND	ND	--	--	ND	--	--	ND	--	ND
Butylbenzene	5*	N/A	ND	ND	--	--	**13.3**	--	--	1	--	ND
Chloroform	7	80	ND	ND	--	ND	ND	--	ND	ND	ND	ND
Cumene (Isopropylbenzene)	5*	N/A	ND	ND	--	--	**61.2**	--	--	**6.5**	--	1.5
Ethylbenzene	5*	700	ND	ND	**18**	**770**	**479**	**210**	**130 E**	**38**	ND	2.2
n-Propylbenzene	5*	N/A	ND	ND	--	--	**76.3**	--	--	**6.2**	--	0.3 J
Toluene	5*	1,000	ND	ND	--	**670**	**123**	**14**	4	ND	ND	ND
Xylene, Total	5*	10,000	ND	ND	**77**	**480**	**2,860**	**1,900**	**820 E**	**207**	ND	**12**

Table 2. VOC Reported Detections (cont.)
Installation Restoration Program Site 4
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface Waters and Groundwaters, Class GA Waters, Amended August 1999
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Data presented on Figure 5.15 on page 5-133 and Table 5-28 on page 5-131 of Final RI, PEER 2004
[d] Data presented on Figure 2.6 on page 2-25 and Table 2-8 on page 2-24 of Final RI, PEER 2004
[e] "5*" is the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance
[f] "--" Data results not presented in Final RI, PEER 2004
[g] Bolded values represent concentrations exceeding criteria.
[h] All units are in micrograms per liter (µg/L)

Abbreviations and Acronyms:
E – Estimated Value
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

Table 3. VOC Reported Detections
Installation Restoration Program Site 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

		Site	**SITE 9**						
		Station	SW-08			SW-09			
		Sample ID	N/A	BW-SW08-02	MW09-GW08	N/A	BW-SW09-02	MW09-GW09	
		Date Collected	1998[d]	2001[c]	3/26/2004	1998[d]	2001[c]	3/26/2004	
Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**							
(1,1-Dimethyl-ethyl)benzene (tert-Butylbenzene)	*5**	N/A	--	--	0.4 J	--	--	ND	
(1-Methylpropyl)-benzene	*5**	N/A	--	--	2.6	--	--	ND	
1,2,4-Trimethyl-benzene	*5**	N/A	--	--	**31.3**	--	--	**329**	
1,3,5-Trimethyl-benzene	*5**	N/A	--	--	**8**	--	--	**91.2**	
Benzene	1	5	--	--	ND	--	--	0.6 J	
Cumene (Isopropylbenzene)	*5**	N/A	--	--	**16.7**	--	--	**53.9**	
Ethylbenzene	*5**	700	**230**	0.9 J	**27**	**18**	0.6J	**573**	
n-Propylbenzene	*5**	N/A	--	--	**7.2**	--	--	**44.3**	
Toluene	*5**	1,000	--	ND	ND	--	ND	2.2	
Xylene, Total	*5**	10,000	**770 J**	3.0	**68.4**	**77 J**	0.8J	**2,290**	

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface Waters and Groundwaters, Class GA Waters, Amended August 1999
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Data presented on Figure 5.15 on page 5-133 and Table 5-28 on page 5-131 of Final RI, PEER 2004
[d] Data presented on Figure 2.6 on page 2-25 of Final RI, PEER 2004
[e] "5*" is the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance
[f] "--" Data results not presented in Final RI, PEER 2004
[g] Bolded values represent concentrations exceeding criteria.
[h] All units are in micrograms per liter (µg/L)

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

Table 4. SVOC Reported Detections
Installation Restoration Program Sites 4 and 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Site			SITE 4									
Station			SW-07			SDW-23				SDW-024		
Sample ID			GAB-MWSW7-35	NA	MW04-GW07	NA	GAB-MWSD23-31	NA	MW04-GW23	GAB-MWSD24-31	NA	MW04-GW24
Date Collected			5/29/1998[d]	5/31/2001[c]	3/24/2004	1994[d]	6/2/1998[d]	5/24/2001[c]	3/24/2004	6/3/1998[d]	5/24/2001[c]	3/24/2004
Semi Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**										
2,4-Dimethyl-phenol	5*	N/A	--	ND	1.4 J	--	--	ND	1.6 J	--	ND	ND
2-Methyl-naphthalene	N/A	N/A	--	28	6.9 J	NA	--	7 J	20	--	ND	ND
4-Methylphenol	N/A	N/A	--	ND	ND	--	--	ND	6 J	--	ND	ND
Diethyl phthalate	N/A	N/A	--	ND	ND	--	--	ND	ND	--	ND	3.5 J
Naphthalene	10	N/A	**40**	**55**	**18**	**69**	--	**11**	**42**	--	ND	ND

Table 4. SVOC Reported Detections (cont.)
Installation Restoration Program Sites 4 and 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

	Site		SITE 4				SITE 9					
	Station		SW-05	SW-06			SW-08			SW-09		
	Sample ID		MW04-GW05	GAB-MWSW6-31	N/A	MW04-GW06	GAB-MWSW8-50	N/A	MW09-GW08	GAB-MWSW9-50	N/A	MW09-GW09
	Date Collected		3/23/2004	5/27/1998[d]	6/1/2001[c]	3/24/2004	6/2/1998[d]	6/1/2001[c]	3/26/2004	6/2/1998[d]	5/28/2001[c]	3/26/2004
Semi Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**										
2,4-Dimethyl-phenol	5*	N/A	ND	--	1.0 J	4.11 J	--	ND	ND	--	ND	**9 J**
2-Methyl-naphthalene	N/A	N/A	ND	--	57	43.3	--	ND	4.7 J	--	ND	23.3
4-Methylphenol	N/A	N/A	ND	--	4.0 J	6.33 J	--	ND	ND	--	ND	3.22 J
Diethyl phthalate	N/A	N/A	ND	--	ND	ND	--	ND	ND	--	ND	ND
Naphthalene	10	N/A	ND	**68**	**130**	**92.2**	**58**	1.0 J	**10**	ND	1.0 J	**85.6**

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface Waters and Groundwaters, Class GA Waters, Amended August 1999
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Data presented on Figure 5.15 on page 5-133 and Table 5-28 on page 5-131 of Final RI, PEER 2004
[d] Data presented on Figure 2.6 on page 2-25, Table 2-8 on page 2-24 and Table 2-11 on page 2-31 of Final RI, PEER 2004
[e] "5*" is the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance
[f] "--" Data results not presented in Final RI, PEER 2004
[g] Bolded values represent concentrations exceeding criteria.
[h] All units are in micrograms per liter (µg/L)

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

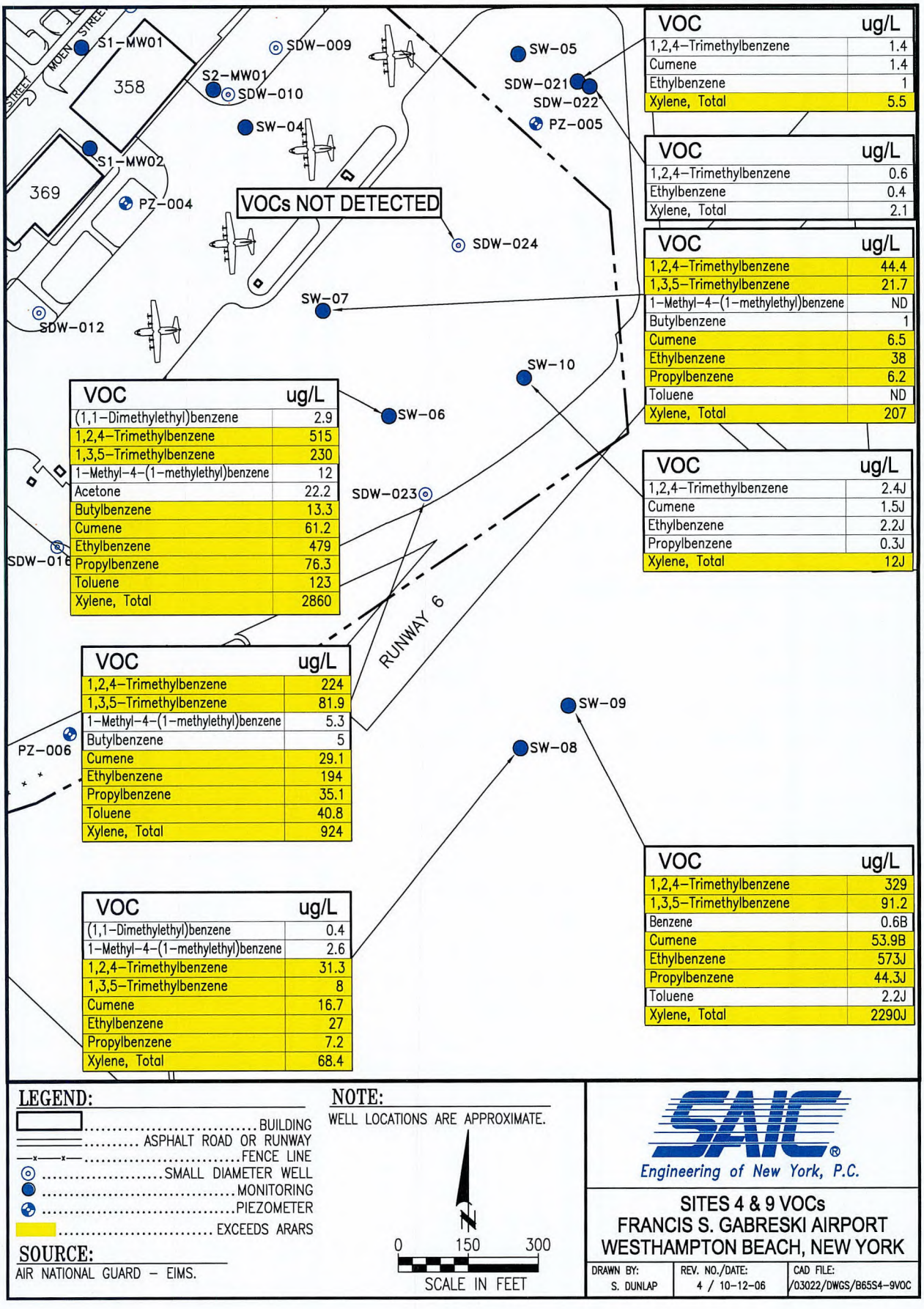


Figure 4. VOCs Detected at IRP Sites 4 & 9 - 2004.

SVOCs

A total of 5 SVOCs were detected in the groundwater samples collected at IRP Sites 4 and 9 as presented in Table 4:

- 2,4-dimethylphenol
- 2 methylnaphthalene
- 4-methylphenol
- diethyl phthalate
- naphthalene

Of the limited SVOCs detected, only 2,4-dimethylphenol and naphthalene were detected at concentrations exceeding their respective NYSDEC water quality standards (see Figure 5). 2,4 dimethyl-phenol exceeded the NYSDEC action level as a single occurrence in monitoring well SW-09. Naphthalene exceeded the NYSDEC action level in monitoring wells SW-07, SDW-023, SW-06, SW-08, and SW-09. Historical data evaluation indicated that even though naphthalene was present across the site and over all sampling events, the only significant increase in concentration over time occurred in MW-23, SW-08 and SW-09. In contrast, naphthalene concentrations have decreased in MW-06 and MW-07. Historical data as well as the 2004 sample data are presented in Table 4.

Metals

A total of 14 inorganic constituents were detected in the groundwater samples collected at IRP Sites 4 and 9; however, only 4, aluminum, iron, manganese, and sodium were detected at concentrations exceeding their respective criteria (see Table 5). Sodium exceeded the NYSDEC groundwater standard of 20,000 ug/L as a single occurrence in monitoring well SDW-022. Aluminum exceeded the secondary MCL (50 ug/L) in all wells at Sites 4 and 9 with the exception of monitoring well SW-08, however, all concentrations were within the range of the background values established in the Final RI (PEER 2004). Iron was detected in four monitoring wells respectively at concentrations exceeding the established MCLs, but was within the background range established in the Final RI with the exception of MW-23 at Site 4 and both wells at Site 9. Manganese was detected in five wells exceeding regulatory criteria but was within the established background range with the exception of both wells at Site 9. Table 5 and Figure 6 provide a summary of all detected inorganic constituents at Sites 4 and 9 during the 2004 sampling event.

Biologic Indicator Parameters

Biologic activity parameters were also collected as part of the March 2004 sampling event (see Table 6). In the area of SDW-22 minimal biologic activity is occurring. Little contamination was detected, nitrate/nitrite and sulfate levels are the highest detected, and DO and ORP results indicate aerobic conditions at the sites.

The monitoring wells within the Site 4 plume are showing biologic activity. Nitrate/nitrite levels are lower (no detect at SW-06), levels of total iron have increased, sulfate levels are lower (no detect at SW-06), and methane production was detected at SDW-023. The data suggest that iron and sulfate reduction are ongoing across Site 4 and methanogenesis is occurring at SDW-023.

The Site 9 wells also show biologic activity. Nitrate/nitrite was no detect at both monitoring wells, levels of total iron were the highest detected, sulfate levels were lower than background, ORP values were negative, and methane was reported at SW-09 (2,080 µg/L). This area of the plume has utilized the available nitrate, iron and sulfate reduction is occurring, and methanogenesis is occurring at SW-09.

Table 5. Inorganics Detected in 2004 Groundwater
Installation Restoration Program Sites 4 and 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

			Site	SITE 4								SITE 9	
			Station	SDW-021	SDW-022	SDW-023	SDW-024	SW-05	SW-06	SW-07	SW-10	SW-08	SW-09
			Sample ID	MW04-GW21	MW04-GW22	MW04-GW23	MW04-GW24	MW04-GW05	MW04-GW06	MW04-GW07	MW04-GW10	MW09-GW08	MW09-GW09
			Date Collected	3/25/2004	3/26/2004	3/24/2004	3/24/2004	3/23/2004	3/24/2004	3/24/2004	3/25/2004	3/26/2004	3/26/2004
Inorganics (µg/L)	**NYSDEC[a]**	**MCL[b]**	**Background**										
Aluminum	N/A	50	890 – 2,200	57 J	128	220	444	65 J	64 J	181	152	17 J	56 J
Arsenic	25	10	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	9 J	6 J
Barium	1,000	2,000	31 – 48	10	20	44	29	16	19	21	27	29	69
Calcium	N/A	N/A	2,800 – 33,000	4,760	8,300	2,130	2,780	13,000	520 J	2,330	6,240	8,980	14,800
Chromium	50	100	5 – 75	1.7 J	2.5 J	ND	ND	ND	ND	ND	2.3 J	ND	ND
Cobalt	N/A	N/A	ND	1.3 J	ND	4.4 J	ND	ND	ND	ND	4.6 J	ND	ND
Copper	200	1,000	ND	197	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	300 / 500*	300	2,000 – 4,200	759 J	138	**6,600**	ND	24 J	3,000	670	64	**20,200**	**36,000**
Magnesium	N/A	N/A	780 – 13,000	2.4 J	2,250	537 J	518 J	1,200	312 J	811 J	1,320	1,080	2,390
Manganese	300 / 500*	50	44 -150	**503 J**	12 J	97	51	7.4 J	47	30	39	**333**	**639**
Potassium	N/A	N/A	1,700 – 2,600	1.1 J	1,400	722 J	227 J	807 J	166 J	308 J	563 J	1,130	ND
Silver	50	100	NS	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND
Sodium	20,000	N/A	26,000 – 210,000	2,840	34,600	2,270	1,920	3,000	1,650	4,250	2,940	6,050	6,400
Zinc	N/A	5,000	ND – 130	8.3 J	9.6 J	22 J	25 J	11 J	6.2 J	7.2 J	20 J	12 J	19 J

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface Waters and Groundwaters, Class GA Waters, Amended August 1999
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Bolded values represent concentrations exceeding criteria.
[d] All units are in micrograms per liter (µg/L)
* Applies to the sum of these substances

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

Table 6. Groundwater Biologic Parameters
Installation Restoration Program Sites 4, 7, and 9
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Station ID	DTW (ft BTOC)	pH (STU)	Conductivity (mS/cm)	Turbidity (NTUs)	DO (mg/L)	Temp (°C)	ORP (mV)	Nitrate/ Nitrite (mg/L)	Manganese (µg/L)	Iron (µg/L)	Sulfate (µg/L)	Methane (µg/L)	Comments
SW-05	27.5	---*	0.098	---*	8.6	12.5	87	2.66	7.4 J	24 J	11.2	26 U	
SDW-021	31.21	5.81	0.051	6.1	10.64	10.8	23	0.72	2.4 J	197	5.84	26 U	
SDW-022	31.15	6.32	0.134	9.8	11.22	13.03	181	1.71	12 J	138	9.4	26 U	
SDW-024	25.27	5.9	0.042	9.7	7.1	12.4	332	0.96	51	50 U	5.24	26 U	
SW-07	30.12	5.45	0.069	6.5	9.69	12.19	52	0.25	32	734	5.68	26 U	
SW-06	24.85	5.54	0.035	9.1	0.06	11.76	16	0.1 U	47	3,000	1 U	26 U	
SDW-023	27.67	5.39	0.052	8.8	3.38	11.94	33	0.24	97	6,600	4.83	338	
SW-10	29.35	5.16	0.062	7.8	6.37	11.65	269	1.34	39	64	6.92	26 U	
SW-08	22.14	6.56	0.159	0	0.1	12.48	-104	0.1 U	333	20,200	4.51	26 U	
SW-09	20.32	6.12	0.251	7.6	7.08	12.17	-52	0.1 U	639	36,000	2.77	2,080	
MW-23	31.48	5.8	0.047	4	10.9	11.2	183	0.16	19	228	4.26	26 U	
MW-106	37.55	5.77	0.061	9.1	11.11	11.4	188	0.56	72	2,610	5.76	26 U	Bailed
MW-105	38.4	5.72	0.041	8.8	11.37	12.35	227	0.13	48	885	5.11	26 U	Bailed
MW-104	37.83	6.05	0.05	2	10.37	12.59	208	0.84	2.6 J	84	7.9	26 U	Bailed

Notes:
* equipment malfunction

Abbreviations and Acronyms:
°C – degrees Celsius
DTW – depth to water
ft BTOC – feet below top of casing
DO – dissolved oxygen
J – detected at an estimated concentration
mg/L – milligrams per liter
mS/cm – millisiemens per centimeter
mV – millivolts
NTUs – nephelometric turbidity units
ORP – oxidation-reduction potential
STU – standard units
U – not detected
µg/L – micrograms per liter

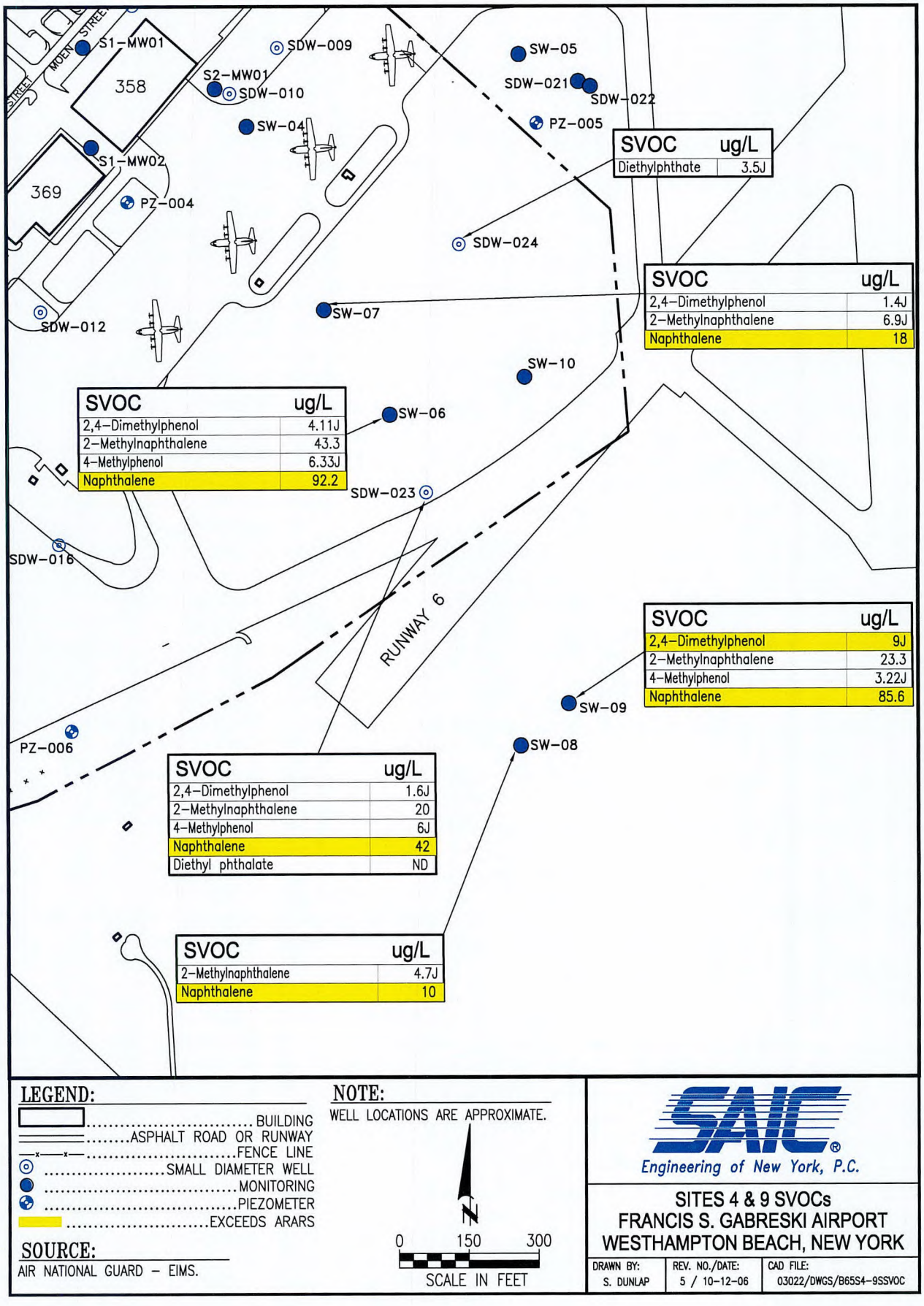


Figure 5. SVOCs Detected at IRP Sites 4 and 9 - 2004

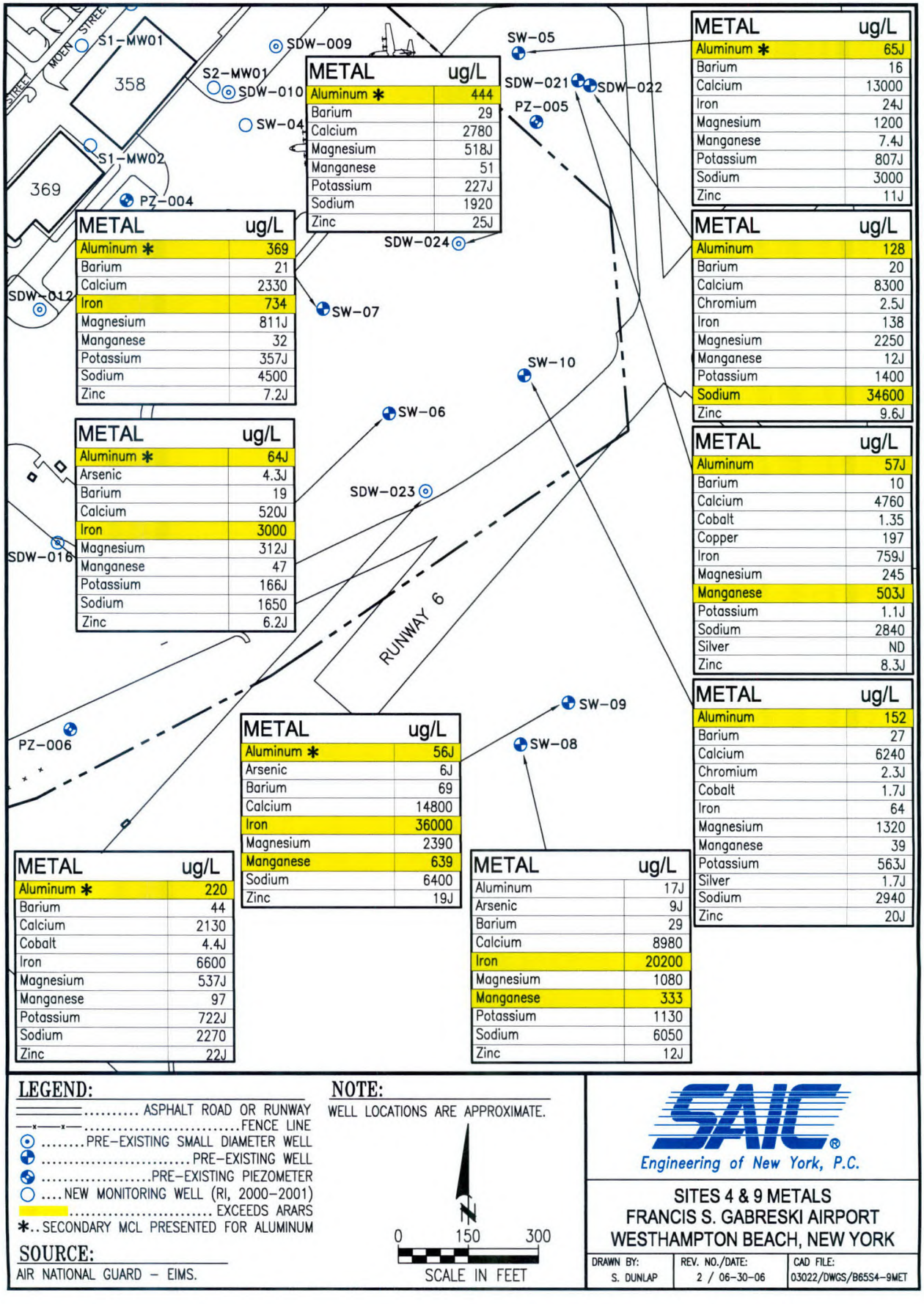


Figure 6. Metals Detected at IRP Sites 4 and 9 - 2004

2.2 SITE 7

A total of 4 monitoring wells were sampled at IRP Site 7 during the March 2004 event. Three of those wells were also sampled in September 2004. For the purposes of discussion, the following sections focus on data collected in 2004 with limited reference to historical data.

VOCs

Of the four monitoring wells sampled at Site 7 in 2004, only monitoring well MW-23 reported detections of any VOCs at concentrations above the laboratory method detection limit. 1,2,4-trimethylbenzene, chloroform, ethylbenzene, 1,1,1-trichloroethane, toluene, and total xylenes (see Table 7) were identified in monitoring well MW-23; however, none of these concentrations exceeded their respective regulatory criteria for any of these constituents.

VOCs were not detected in the remaining three wells (MW-104, MW-105, and MW-106) during the March 2004 sampling event or the confirmatory September 2004 sampling event. Historically benzene, carbon disulfide, chloroform, ethylbenzene, and total xylenes have exceeded regulatory criteria in one or more of the wells sampled (see Figure 7).

Historically, ethylbenzene, toluene, and total xylenes have been detected in MW-00X. This monitoring well could not be found during the March 2004 sampling event, although MW-104 and MW-105, approximately 60-ft cross-gradient and immediately down-gradient of MW-00X, respectively, were sampled and were non-detect for these compounds. Similarly, MW-14 historically has had sporadic detections of VOC but was not sampled during the March 2004 sampling event, although MW-104, immediately down-gradient of MW14, was sampled and was non-detect for VOCs.

SVOCs

A total of 2 SVOCs (see Figure 7) were detected in the groundwater samples collected at IRP Site 7, as presented in Table 8. Benzoic acid and Bis(2-ethylhexyl)phthalate were both detected at estimated (J) concentrations below their respective regulatory criteria. Benzoic acid was detected in the sample collected from monitoring well MW-104. Bis(2-ethylhexyl)phthalate was detected in MW-104, MW-105, and MW-106. No SVOCs were detected in monitoring well MW-23. Historically, 4-methyl-phenol, bis(2-ethylhexyl)-phthalate, and naphthalene have exceeded regulatory criteria, but were not detected in the 2004 samples collected (see Figure 7). Bis(2-ethylhexyl)-phthalate was detected in 1987 in MW-101A and MW-107B but has not been reported or detected in multiple subsequent sampling events in 2001 and 2004.

Metals

A total of 12 inorganic compounds were detected in the groundwater samples collected at IRP Site 7, three of which, aluminum, iron, and manganese were detected above their respective established MCLs (see Table 9). Manganese exceeded the MCL at a single location, monitoring well MW-106 (see Figure 8) while iron and aluminum exceeded their respective MCLs in two and three Site 7 wells respectively. None of the reported concentrations were outside of the background range reported in the 2004 Final RI report as indicated in Table 9.

Table7. VOC Reported Detections
Installation Restoration Program Site 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

			Site	**SITE 7**					
			Station	MW-00X			MW-14		
			Sample ID	N/A	MW00X-01 & 02	N/A	N/A	MW14-01 & 02	N/A
			Date Collected	1987[c]	2001[c]	3/26/2004	1987[c]	2001[c]	3/26/2004
Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**							
1,1,1-Trichloroethane	*5**	200		--	--	NS	**35**	--	NS
1,2,4-Trimethylbenzene	*5**	N/A		--	--	NS	--	--	NS
Benzene	1	5		--	0.8 J	NS	--	ND	NS
Carbon Disulfide	*5**	N/A		--	**46 E**	NS	--	**71 E**	NS
Chloroform	7	80		--	ND	NS	--	ND	NS
1,1-Dichloroethane	*5**	N/A		--	--	NS	--	--	NS
Ethylbenzene	*5**	700		**7**	**12**	NS	**13**	0.3 J	NS
Toluene	*5**	1,000		**8**	0.3 J	NS	**5**	ND	NS
Xylene, Total	*5**	10,000		**34**	**47**	NS	**140**	**8**	NS

Table 7. VOC Reported Detections (cont.)
Installation Restoration Program Site 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

		Site	**SITE 7**						
		Station	MW-23			MW-104			
		Sample ID	S7-MW23	MW23-01 & -02	MW07-GW23	N/A	MW104-01 & -02	MW07-GW104	MW07-GW104
		Date Collected	1987[c]	2001[c]	3/26/2004	1987[c]	2001[c]	3/28/2004	9/8/2004
Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**							
1,1,1-Trichloroethane	*5**	200	--	--	ND	--	--	ND	ND
1,2,4-Trimethylbenzene	*5**	N/A	--	--	0.7 J	--	--	ND	ND
Benzene	1	5	--	**1.0**	ND	--	ND	ND	ND
Carbon Disulfide	*5**	N/A	--	ND	ND	--	2	ND	ND
Chloroform	7	80	--	2.0	1.2	--	ND	ND	ND
1,1-Dichloroethane	*5**	N/A	--	--	ND	--	--	ND	ND
Ethylbenzene	*5**	700	--	1.0	1	--	ND	ND	ND
Toluene	*5**	1,000	--	ND	ND	--	ND	ND	ND
Xylene, Total	*5**	10,000	--	1.0 J	4	--	ND	ND	ND

Table 7. VOC Reported Detections (cont.)
Installation Restoration Program Site 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

		Site	SITE 7									
		Station	MW-105			MW-106				MW-203		
		Sample ID	MW105-01 & -02	MW07-GW105	MW07-GW105	S7-MW106	MW106-01 & -02	MW07-GW106	MW07-GW106	N/A	MW203-01 & -02	N/A
		Date Collected	2001[c]	3/28/2004	9/8/2004	1987[c]	2001[c]	3/28/2004	9/8/2004	1987[c]	2001[c]	3/28/2004
Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**										
1,1,1-Trichloroethane	5*	200	--	ND	ND	--	--	ND	ND	--	--	NS
1,2,4-Trimethylbenzene	5*	N/A	--	ND	ND	--	--	ND	ND	--	ND	NS
Benzene	1	5	ND	ND	ND	--	**3**	ND	ND	--	ND	NS
Carbon Disulfide	5*	N/A	ND	ND	ND	---	**7**	ND	ND	--	**6**	NS
Chloroform	7	80	2	ND	ND	--	0.5 J	ND	ND	--	**32**	NS
1,1-Dichloroethane	5*	N/A	--	ND	ND	5.8	--	ND	ND	--	---	NS
Ethylbenzene	5*	700	ND	ND	ND	--	ND	ND	ND	--	ND	NS
Toluene	5*	1,000	ND	ND	ND	--	ND	ND	ND	--	ND	NS
Xylene, Total	5*	10,000	ND	ND	ND	--	0.2 J	ND	ND	--	ND	NS

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface Waters and Groundwaters, Class GA Waters, Amended August 1999
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Data presented on Figure 5.11 on page 5-89 and Table 5-20 on page 5-93 of Final RI, PEER 2004
[d] "5*" is the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance
[e] "--" Data results not presented in Final RI, PEER 2004
[f] Bolded values represent concentrations exceeding criteria.
[g] All units are in micrograms per liter (µg/L)

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
NS – not sampled
U – not detected
µg/L – micrograms per liter

Table 8. SVOC Reported Detections
Installation Restoration Program Sites 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

Site			SITE 7						
Station			MW-23		MW-101A			MW-104	
Sample ID			MW23-01 & -02	MW07-GW23			N/A	MW104-01 & -02	MW07-GW104
Date Collected			2001[c]	3/26/2004	1987[c]	2001[c]	3/26/2004	2001[c]	3/28/2004
Semi Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**							
2,4-Dimethyl-phenol	5*	N/A	ND	ND	--	ND	NS	ND	ND
2-Methyl-naphthalene	N/A	N/A	ND	ND	--	ND	NS	ND	ND
4-Methylphenol	N/A	N/A	1.0 J	ND	--	ND	NS	ND	ND
Benzoic Acid	N/A	N/A	--	ND	--	--	NS	--	9.5 J
Bis(2-ethylhexyl)-phthalate	5*	N/A	--	ND	**37**	--	NS	--	2.8 J
Diethyl phthalate	N/A	N/A	ND	ND	--	ND	NS	ND	ND
Naphthalene	10	N/A	ND	ND	--	ND	NS	ND	ND

Table 8. SVOC Reported Detections (cont.)
Installation Restoration Program Sites 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

		Site	SITE 7						
		Station	MW-105		MW-106		MW-107B		
		Sample ID	MW105-01 & -02	MW07-GW105	MW106-01 & -02	MW07-GW106	N/A	MW107B-01 & -02	N/A
		Date Collected	2001[c]	3/28/2004	2001[c]	3/28/2004	1987[c]	2001[c]	3/26/2004
Semi Volatile Organics (µg/L)	**NYSDEC[a]**	**MCL[b]**							
2,4-Dimethyl-phenol	5*	N/A	ND	ND	0.6 J	ND	--	ND	NS
2-Methyl-naphthalene	N/A	N/A	ND	ND	27	ND	--	ND	NS
4-Methylphenol	N/A	N/A	ND	ND	2 J	ND	--	ND	NS
Benzoic Acid	N/A	N/A	--	ND	--	ND	--	--	NS
Bis(2-ethylhexyl)-phthalate	5*	N/A	--	2 J	--	2.2 J	**52**	--	NS
Diethyl phthalate	N/A	N/A	ND	ND	ND	ND	--	ND	NS
Naphthalene	10	N/A	ND	ND	**38**	ND	--	ND	NS

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Data presented on Figure 5.11 on page 5-89 and Table 5-20 on page 5-93 of Final RI, PEER 2004
[d] "5*" is the principal organic contaminant standard for groundwater of 5 ug/L applies to this substance
[e] "--" Data results not presented in Final RI, PEER 2004
[f] Bolded values represent concentrations exceeding criteria.
[g] All units are in micrograms per liter (µg/L)

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

Table 9. Inorganics Detected in 2004 Groundwater
Installation Restoration Program Site 7
New York Air National Guard Gabreski Airport, Westhampton Beach, New York

			Site	SITE 7									
			Station	SDW-021	SDW-022	SDW-023	SDW-024	SW-05	SW-06	SW-07	SW-10	SW-08	SW-09
			Sample ID	MW04-GW21	MW04-GW22	MW04-GW23	MW04-GW24	MW04-GW05	MW04-GW06	MW04-GW07	MW04-GW10	MW09-GW08	MW09-GW09
			Date Collected	3/25/2004	3/26/2004	3/24/2004	3/24/2004	3/23/2004	3/24/2004	3/24/2004	3/25/2004	3/26/2004	3/26/2004
Inorganics (µg/L)	**NYSDEC[a]**	**MCL[b]**	**Background**										
Aluminum	N/A	50	890 – 2,200	57 J	128	220	444	65 J	64 J	181	152	17 J	56 J
Arsenic	25	10	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	9 J	6 J
Barium	1,000	2,000	31 – 48	10	20	44	29	16	19	21	27	29	69
Calcium	N/A	N/A	2,800 – 33,000	4760	8,300	2,130	2,780	13,000	520 J	2,330	6,240	8,980	14,800
Chromium	50	100	5 – 75	1.7 J	2.5 J	ND	ND	ND	ND	ND	2.3 J	ND	ND
Cobalt	N/A	N/A	ND	1.3 J	ND	4.4 J	ND	ND	ND	ND	4.6 J	ND	ND
Copper	200	1,000	ND	197	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	300 / 500*	300	2,000 – 4,200	759 J	138	6,600	ND	24 J	3,000	670	64	20,200	36,000
Magnesium	N/A	N/A	780 – 13,000	2.4 J	2,250	537 J	518 J	1,200	312 J	811 J	1,320	1,080	2,390
Manganese	300 / 500*	50	44 -150	503 J	12 J	97	51	7.4 J	47	30	39	333	639
Potassium	N/A	N/A	1,700 – 2,600	1.1 J	1,400	722 J	227 J	807 J	166 J	308 J	563 J	1,130	ND
Silver	50	100	NS	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND
Sodium	20,000	N/A	26,000 – 210,000	2,840	34,600	2,270	1,920	3,000	1,650	4,250	2,940	6,050	6,400
Zinc	N/A	5,000	ND – 130	8.3 J	9.6 J	22 J	25 J	11 J	6.2 J	7.2 J	20 J	12 J	19 J

Notes:
[a] New York State Department of Environmental Conservation Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations, Table 1 (cf. section 703.5) Water Quality Standards Surface
[b] Environmental Protection Agency National Primary and Secondary Drinking Water Standard Maximum Contaminant Level
[c] Bolded values represent concentrations exceeding criteria.
[d] All units are in micrograms per liter (µg/L)
* Applies to the sum of these substances

Abbreviations and Acronyms:
J – detected at an estimated concentration
N/A – not applicable
ND – not detected above laboratory method detection limits
U – not detected
µg/L – micrograms per liter

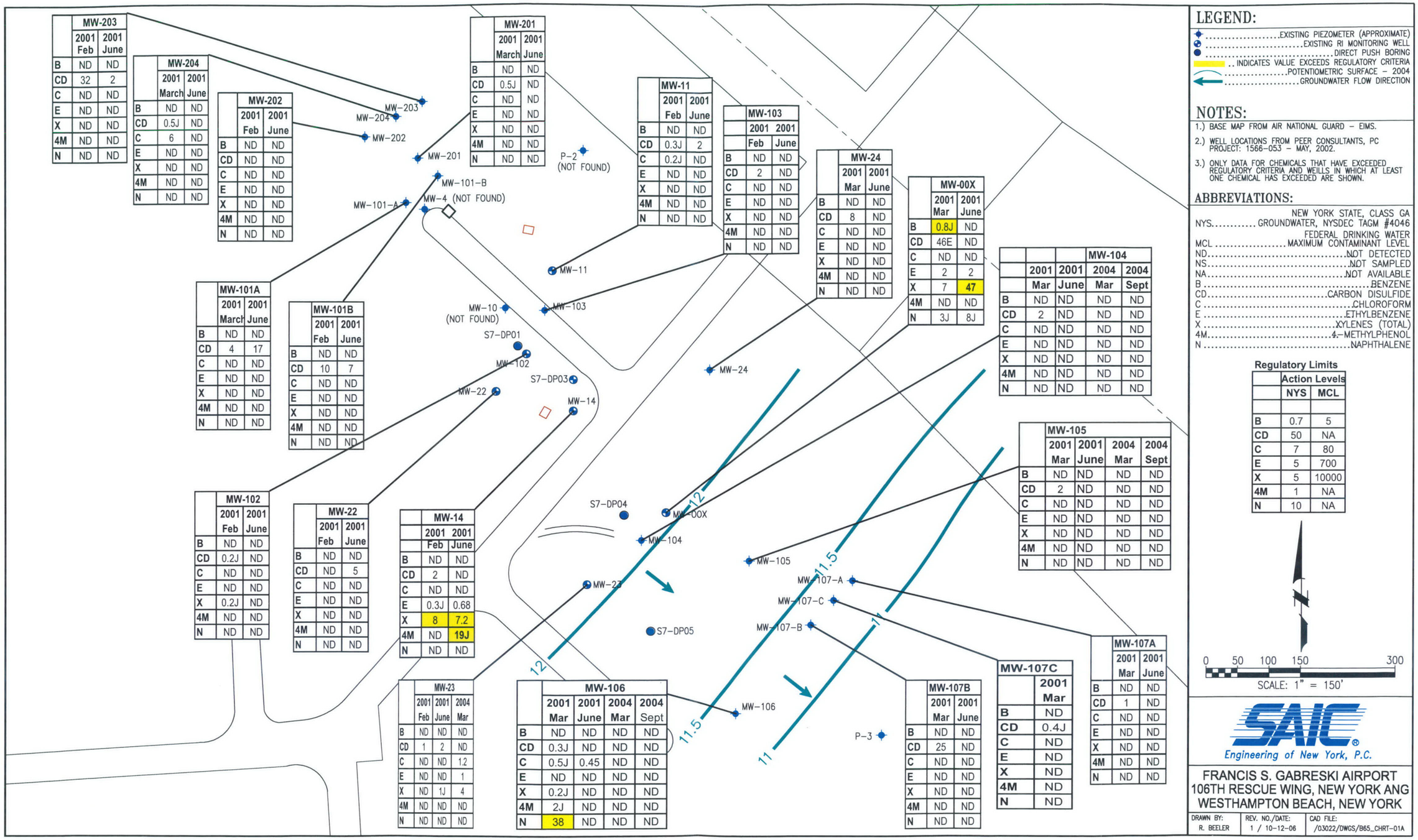


Figure 7. Most Current Data for VOC/SVOCs and Wells That Have Exceeded Regulatory Criteria - Site 7

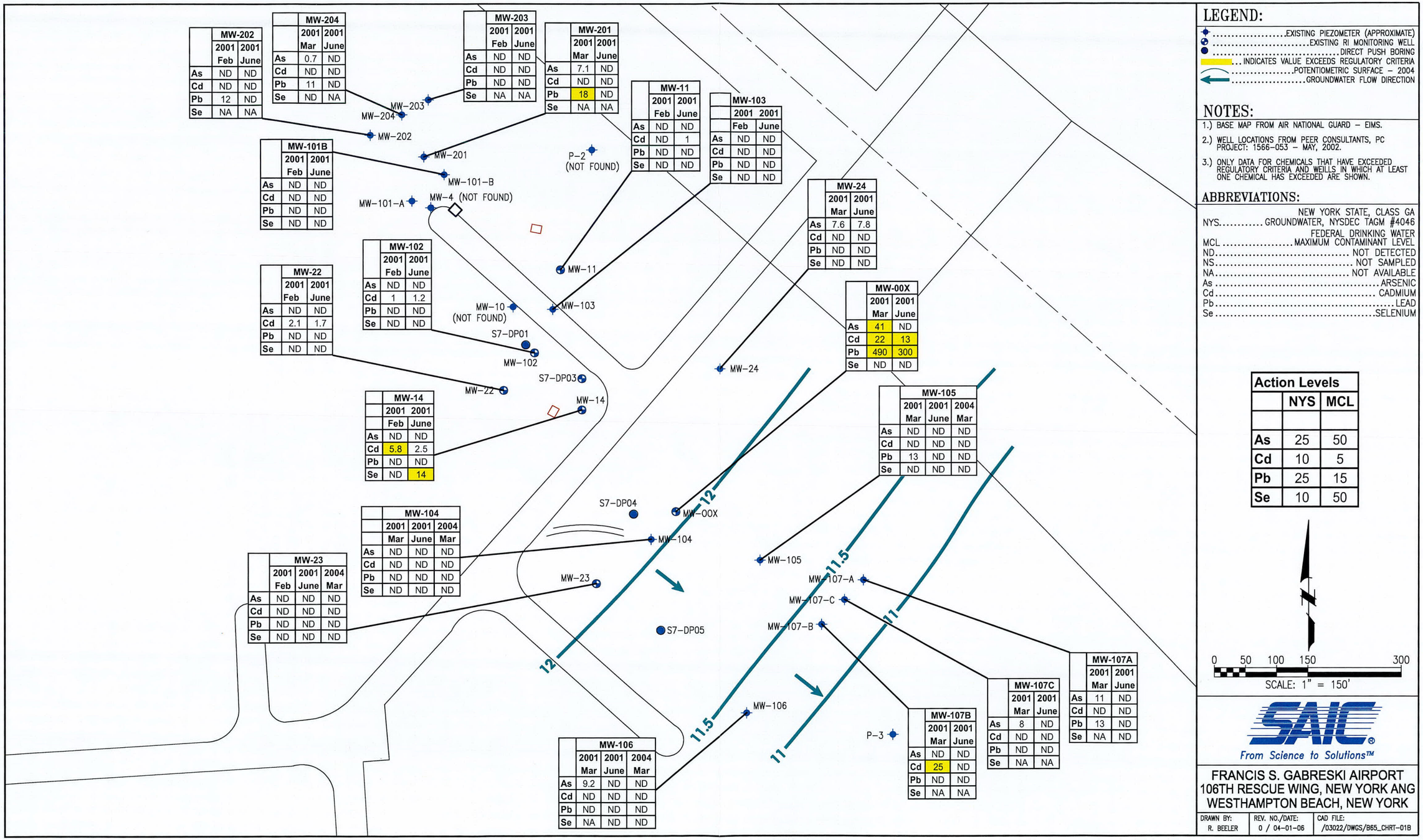


Figure 8. Most Current Data for Metals and Wells That Have Exceeded Regulatory Criteria - Site 7

3.0 CONCLUSIONS

3.1 SITES 4 AND 9

The organic contaminants detected in the groundwater at Site 4 have remained relatively consistent or exhibit some decreases over time, while the organic contaminants identified at Site 9 have shown increases over past sampling events. The increase in down-gradient concentrations may represent plume migration from the lower portion of Site 4. The increased concentrations in the downgradient area also apply to inorganics. However, most inorganics are within the background range established in the Final RI (PEER 2004).

The extent of petroleum contamination was not fully delineated with the 2004 sampling event and a supplemental investigation was recommended prior to design and installation of the remedial action. The supplemental investigation was performed in July 2006 and the data will be incorporated into the Proposed Remedial Action Plan (PRAP).

3.2 SITE 7

VOC contamination was not identified in the groundwater samples collected at IRP Site 7 in March and September 2004. Although benzene, 4-methylnaphthalene, and naphthalene were reported at concentrations exceeding their regulatory criteria in monitoring wells MW-23 and MW-106 during the Final RI (PEER 2004), those constituents were not detected during the 2004 sampling events. Few SVOCs and inorganics were reported in the groundwater samples collected with all reported concentrations being below the established regulatory criteria or in the case of the inorganics, below the established background values.

The extent of the contamination has been determined. Concentrations of chemicals in groundwater do not warrant a remedial action at this time. The Proposed Remedial Action Plan and associated Remedial Action Plan documents should be prepared that recommended closure monitoring be conducted as the final remedy.

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4.0 REFERENCES

PEER (PEER Consultants, P.C.) 2004. *Final Remedial Investigation Report for Sites 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, and 12*, June.

SAIC (Science Applications International Corporation) 2004. *Final Work Plan for Groundwater Sampling and Monitoring Well Installation For Installation Restoration Program Sites 4, 7, and 9. 106th Rescue Wing New York Air National Guard, Francis S. Gabreski Airport, Westhampton Beach, New York*, March.

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APPENDIX A – ANALYTICAL LABORATORY DATA SHEETS

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69521

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: SAIC Client #: 10592
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge TN 37831
Project Manager: Larry Tyner
Telephone Number: 865.481.4600 Fax:
Sampler Name: (Print Name) Jeffrey Lindsay
Sampler Signature:

Project Name: Gabreski Airport
Project #:
Site/Location ID: Westhampton Beach State: NY
Report To: Larry Tyner
Invoice To: Larry Tyner
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	Nitrate/Nitrite	SVOC	TAL Metals	Sulfate	Methane	QC Deliverables	REMARKS
MW04-TB03 46934	3/26/04	0540	G	N	TRIP		1						✓							Trip Blank
MW04-GW22 35	3/26/04	1050	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		SDW-022 (Sile 4)
MW09-GW08 36	3/26/04	1210	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		SW-08 (Sile 9)
MW09-GW09 37	3/26/04	1350	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		SW-09 (Sile 9)
MW07-GW23 46938	3/26/04	1530	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		MW-23 (Sile 7)

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions:
* Nitrate/Nitrite Analysis - 48 hr Hold Time! (2 coolers)
Shipped via FedEx Priority Overnight - Saturday Delivery Track # 846106613972
846106614127

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Jeffrey Lindsay	3/26/04	1637		3/29/04	8:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

369164

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: SAIC Client #: 10552
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge, TN 37831
Project Manager: Larry Tyner
Telephone Number: 865 481.4600 Fax:
Sampler Name: (Print Name) Jeffrey J. Lorlaw
Sampler Signature: Jeffrey J Lorlaw

Project Name: Gabreski Airport
Project #:
Site/Location ID: Westhampton Beach State: NY
Report To: Larry Tyner, Oak Ridge, TN (SAIC)
Invoice To: Larry Tyner, Oak Ridge, TN (SAIC)
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

Matrix: SL - Sludge DW - Drinking Water S - Soil/Solid GW - Groundwater WW - Wastewater Specify Other

Preservation & # of Containers: HNO_3 | HCl | NaOH | H_2SO_4 | Methanol | None | Other (Specify)

Analyze For: VOC | TAL Metals | Sulfide | Nitrate/Nitrite | SVOC | Methane

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	VOC	TAL Metals	Sulfide	Nitrate/Nitrite	SVOC	Methane	REMARKS
MW04-TB02 49808	3/24/04	0900	G	N	TRIP		1						✓						Trip Blank
MW04-GW06 09	3/24/04	1530	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	Site-06 (Site 4)
MW04-GW23 10	3/24/04	1640	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	SDW-23 (Site 4)
MW04-GW14 11	3/25/04	0855	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	SW-14 (Site 4)
MW04-MS14 11	3/25/04	0855	G	N	GW	2	12		2		6		✓	✓	✓	✓	✓	✓	MS/MSD
MW04-GW21 49812	3/25/04	1120	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	SDW-21 (Site 4)

Special Instructions: *Pull Nitrate/Nitrite samples first! 48 hr Holding Time!
FEDEX TRACKING # 844673948653 + 844673948675 (2 coolers)

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.5
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date	Time		Date	Time
Relinquished By: Jeffrey J Lorlaw	3/25/04	1500	Received By:	3/26/04	830
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

A-4

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

69531

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: SAIC Client #: 10552
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge, TN. 37831
Project Manager: Larry Tyner
Telephone Number: ~~865~~ 481. 4600 Fax:
Sampler Name: (Print Name) Jeffrey Lindsey
Sampler Signature:

Project Name: Oakbrook Airport
Project #:
Site/Location ID: Westhampton Beach State: NY
Report To: Larry Tyner
Invoice To: Larry Tyner
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	SVOC	TPL Methods	Nitrate/Nitrite	Silicate	Methane	REMARKS
MWQ7-EBX01	3/28/04	1234	G	N	EB	1	6		1		3		✓	✓	✓	✓	✓	✓	Equip. Blank - Blackish tap
MWQ7-GW101	3/28/04	1405	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	MW-101 (Site 7)
MWQ7-TB04	3/28/04	0700	G	N	TB		1						✓						Trip Blank
MWQ7-GW105	3/28/04	1045	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	MW-105 (Site 7)
MWQ7-GW104	3/28/04	1120	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓	MW-104 (Site 7)

Special Instructions: * Nitrate/Nitrite ⇒ 48 hr hold time *

Samples shipped via FedEx (Tracking # 844691690463 ; 844691690441) 2 coolers

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date	Time		Date	Time
Relinquished By:	3/30/04	1334	Received By:	3/30/04	1330
Relinquished By:	3/31/04	1620	Received By:	3/31/04	830
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

A-5

369531

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: SAIC Client #: 10592
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge, TN. 37831
Project Manager: Larry Tyner
Telephone Number: ~~865~~ 865.481.4600 Fax: _____
Sampler Name: (Print Name) Jeffrey Lindau
Sampler Signature:

Project Name: Grabrest Airport
Project #: _____
Site/Location ID: Westhampton Beach State: NY
Report To: Larry Tyner
Invoice To: Larry Tyner
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC	SVOC	TAL metals	Nitrate/Nitrite	Sulfate	Methane	QC Deliverables	REMARKS
MW07-EBØ1 46994	3/28/04	1230	G	N	EB	1	6		1		3		✓	✓	✓	✓	✓	✓		Equip. Blank - Bladder Pump
MW07-GW1Ø6 95	3/26/04	1005	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		MW-106 (Site 7)
MWØ7-TBØ4 96	3/25/04	ØØ7Ø	G	N	TB		1						✓							Trip Blank
MW07-GW1Ø5 97	3/26/04	1040	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		MW-105 (Site 7)
MWØ7-GW1Ø4 46998	3/26/04	1120	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓		MW-104 (Site 7)

Special Instructions: * Nitrate/Nitrite ⇒ 48 hr hold time *

Samples shipped via FedEx (Tracking # 844691690463 & 844691690441) 2 coolers

	Date	Time		Date	Time
Relinquished By:	3/26/04	1330	Received By:	3/26/04	1330
Relinquished By:	3/27/04	1620	Received By:	3/27/04	830
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

A-6

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** 369164

Client Name : GEC

Cooler Received/Opened On: 3/26/04 **Accessioned By:** Mark Beasley

M. Beasley
Log-in Personnel Signature

1. **Temperature of Cooler when triaged:** 3.5 **Degrees Celsius**
2. **Were custody seals on outside of cooler?**..... (YES)...NO...NA
   a. **If yes, how many, what kind and where:** 2 Front/Side
3. **Were custody seals on containers and intact?**..... (NO)...YES...NA
4. **Were the seals intact, signed, and dated correctly?**..... (YES)...NO...NA
5. **Were custody papers inside cooler?**..... (YES)...NO...NA
6. **Were custody papers properly filled out (ink, signed, etc)?**..... (YES)...NO...NA
7. **Did you sign the custody papers in the appropriate place?**..... (YES)...NO...NA
8. **What kind of packing material used?** (Bubblewrap) Peanuts Vermiculite Other None
9. **Cooling process:** (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. **Did all containers arrive in good condition (unbroken)?**..... (YES)...(NO)...NA
11. **Were all container labels complete (#, date, signed, pres., etc)?**..... (YES)...NO...NA
12. **Did all container labels and tags agree with custody papers?**..... (YES)...NO...NA
13. **Were correct containers used for the analysis requested?**..... (YES)...NO...NA
14. a. **Were VOA vials received?**..... (YES)...NO...NA
    b. **Was there any observable head space present in any VOA vial?**..... (NO)...YES...NA
15. **Was sufficient amount of sample sent in each container?**..... (YES)...NO...NA
16. **Were correct preservatives used?**..... (YES)...NO...NA

    If not, record standard ID of preservative used here _____
17. **Was residual chlorine present?**..... (NO)...YES...NA
18. **Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:**

    8675 8653 _____ _____ _____

    UPS Velocity Airborne Route Off-street (Fedex) Misc.
19. **If a Non-Conformance exists, see attached or comments below:** GW6 + GW23 → 1 1.7pc BTS

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

4/ 6/04 CASE NARRATIVE

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: CABRESKI AIRPORT
Project Number: .
Laboratory Project Number: 369164.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW04-TB02	04-A44808	3/24/04
MW04-GW06	04-A44809	3/24/04
MW04-GW23	04-A44810	3/24/04
MW04-GW10	04-A44811	3/25/04
MW04-GW21	04-A44812	3/25/04

TestAmerica
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800-765-0980 • 615-726-3404 Fax

Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: _____ Report Date: 4/ 6/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: 11342

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44808
Sample ID: MW04-TB02
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 9:00
Date Received: 3/26/04
Time Received: 8:05
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/31/04	13:51	C. Spry	8260B	1017
Benzene	ND	ug/L	1.0	1	3/31/04	13:51	C. Spry	8260B	1017
Bromobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Bromochloromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Bromoform	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Bromomethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
2-Butanone	ND	ug/L	25.0	1	3/31/04	13:51	C. Spry	8260B	1017
n-Butylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
sec-Butylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
tert-Butylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Carbon disulfide	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Carbon tetrachloride	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Chlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Chloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Chloroform	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Chloromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
2-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
4-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/31/04	13:51	C. Spry	8260B	1017
Dibromochloromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2-Dibromoethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Dibromomethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A44808
Sample ID: MW04-TB02
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2-Dichloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1-Dichloroethene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,3-Dichloropropane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
2,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1-Dichloropropene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Ethylbenzene	ND	ug/L	1.0	1	3/31/04	13:51	C. Spry	8260B	1017
Hexachlorobutadiene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
2-Hexanone	ND	ug/L	5.00	1	3/31/04	13:51	C. Spry	8260B	1017
Isopropylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
p-Isopropyltoluene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
4-Methyl-2-pentanone	ND	ug/L	5.00	1	3/31/04	13:51	C. Spry	8260B	1017
Methylene chloride	ND	ug/L	2.50	1	3/31/04	13:51	C. Spry	8260B	1017
Naphthalene	ND	ug/L	5.00	1	3/31/04	13:51	C. Spry	8260B	1017
n-Propylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Styrene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Tetrachloroethene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Toluene	ND	ug/L	1.0	1	3/31/04	13:51	C. Spry	8260B	1017
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Trichloroethene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	3/31/04	13:51	C. Spry	8260B	1017
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Vinyl chloride	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017
Xylenes (Total)	ND	ug/L	1.0	1	3/31/04	13:51	C. Spry	8260B	1017
Bromodichloromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44808
Sample ID: MW04-TB02
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1	3/31/04	13:51	C. Spry	8260B	1017

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	85.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	99.	79. - 123.
VOA Surr, DBFM	92.	78. - 124.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44809
Sample ID: MW04-GW06
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 15:30
Date Received: 3/26/04
Time Received: 8:05

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Acenaphthylene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Anthracene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzoic Acid	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzo(a)anthracene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzo(a)pyrene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzo(b)fluoranthene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzo(k)fluoranthene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Butylbenzylphthalate	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Carbazole	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Chloroaniline	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Chloronaphthalene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Chlorophenol	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Chrysene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Dibenzofuran	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
1,2-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
1,3-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
1,4-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44809
Sample ID: MW04-GW06
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4-Dichlorophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Diethylphthalate	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4-Dimethylphenol	4.11	J	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Dimethylphthalate	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Di-n-Butylphthalate	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4,6-Dinitro-3-methylphenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4-Dinitrophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4-dinitrotoluene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,6-Dinitrotoluene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Di-n-octylphthalate	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Fluoranthene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	771
Fluorene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Hexachlorobenzene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Hexachlorobutadiene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Hexachlorocyclopentadiene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Hexachloroethane	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Indeno(1,2,3-cd)pyrene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Isophorone	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Methylnaphthalene	43.3		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Methylphenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
3 and 4-Methylphenol	6.33	J	ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Naphthalene	92.2		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Nitroaniline	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
3-Nitroaniline	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Nitroaniline	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Nitrobenzene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2-Nitrophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
4-Nitrophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
N-Nitroso-Di-n-Propylamine	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
N-Nitrosodiphenylamine	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Pentachlorophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Phenanthrene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Phenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Pyrene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Bis(2-ethylhexyl)phthalate	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44809
Sample ID: MW04-GW06
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4,5-Trichlorophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
2,4,6-Trichlorophenol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
Benzyl alcohol	ND		ug/L	11.1	1	3/29/04	15:13	M.Schott	8270C	7716
VOLATILE ORGANICS										
Acetone	22.2	J	ug/L	25.0	1	3/31/04	17:02	C. Spry	8260B	1017
Benzene	ND		ug/L	1.0	1	3/31/04	17:02	C. Spry	8260B	1017
Bromobenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Bromochloromethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Bromoform	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Bromomethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
2-Butanone	ND		ug/L	25.0	1	3/31/04	17:02	C. Spry	8260B	1017
n-Butylbenzene	13.3		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
sec-Butylbenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
tert-Butylbenzene	2.90		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Carbon disulfide	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Carbon tetrachloride	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Chlorobenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Chloroethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Chloroform	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Chloromethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
2-Chlorotoluene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
4-Chlorotoluene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	3/31/04	17:02	C. Spry	8260B	1017
Dibromochloromethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2-Dibromoethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Dibromomethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2-Dichlorobenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,3-Dichlorobenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,4-Dichlorobenzene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Dichlorodifluoromethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1-Dichloroethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2-Dichloroethane	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1-Dichloroethene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44809
Sample ID: MW04-GW06
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,3-Dichloropropane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
2,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1-Dichloropropene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Ethylbenzene	479.	ug/L	10.0	10	3/31/04	17:34	C. Spry	8260B	1019
Hexachlorobutadiene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
2-Hexanone	ND	ug/L	5.00	1	3/31/04	17:02	C. Spry	8260B	1017
Isopropylbenzene	61.2	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
p-Isopropyltoluene	12.0	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
4-Methyl 2 pentanone	ND	ug/L	5.00	1	3/31/04	17:02	C. Spry	8260B	1017
Methylene chloride	ND	ug/L	2.50	1	3/31/04	17:02	C. Spry	8260B	1017
Naphthalene	124.	ug/L	5.00	1	3/31/04	17:02	C. Spry	8260B	1017
n-Propylbenzene	76.3	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Styrene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Tetrachloroethene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Toluene	123.	ug/L	1.0	1	3/31/04	17:02	C. Spry	8260B	1017
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Trichloroethene	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
1,2,4-Trimethylbenzene	515.	ug/L	10.0	10	3/31/04	17:34	C. Spry	8260B	1019
1,3,5-Trimethylbenzene	230.	ug/L	10.0	10	3/31/04	17:34	C. Spry	8260B	1019
Vinyl chloride	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Xylenes (Total)	2860	ug/L	10.0	10	3/31/04	17:34	C. Spry	8260B	1019
Bromodichloromethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
Trichlorofluoromethane	ND	ug/L	1.00	1	3/31/04	17:02	C. Spry	8260B	1017
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	3/31/04	15:12	K. Roberso	RSK175M	4334

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44809
Sample ID: MW04-GW06
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	64.0	J	ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	4.3	J	ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	19.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	520.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	3000		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	312.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	47.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	166.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	1650		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	6.2	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	ND		mg/l	0.100	1	3/26/04	18:11	W. Choate	353.2	4322
Sulfate	ND		mg/l	1.00	1	3/26/04	23:52	S. Duncan	300	4321
MISCELLANEOUS CHEMISTRY										
pH	7.1					3/30/04	14:05	M. Ricke	9040/150.1	4337

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44809
Sample ID: MW04-GW06
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	85.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	96.	79. - 123.
VOA Surr, DBFM	92.	78. - 124.
BNA Surr-Nitrobenzene-d5	69.	25. - 121.
BNA Surr-2-Fluorobiphenyl	72.	33. - 111.
BNA Surr-Terphenyl-d14	107.	11. - 139.
BNA Surr-Phenol-d5	27.	4. - 52.
BNA Surr-2-Fluorophenol	37.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	85.	31. - 144.
Surr - Acetylene	103.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44810
Sample ID: MW04-GW23
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 16:40
Date Received: 3/26/04
Time Received: 8:05
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Acenaphthylene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Anthracene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzoic Acid	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzo(a)anthracene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzo(a)pyrene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzo(b)fluoranthene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzo(g,h,i)perylene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzo(k)fluoranthene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Bromophenyl-phenylether	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Butylbenzylphthalate	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Carbazole	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Chloro-3-methylphenol	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Chloroaniline	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Bis(2-chloroethoxy)methane	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Bis(2-chloroethyl)ether	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Bis(2-chloroisopropyl)ether	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Chloronaphthalene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Chlorophenol	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Chlorophenyl-phenylether	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Chrysene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Dibenzofuran	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Dibenz(a,h)anthracene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
1,2-Dichlorobenzene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
1,3-Dichlorobenzene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
1,4-Dichlorobenzene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44810
Sample ID: MW04-GW23
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4-Dichlorophenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Diethylphthalate	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4-Dimethylphenol	16.0	J	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Dimethylphthalate	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Di-n-Butylphthalate	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4,6-Dinitro-2-methylphenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4-Dinitrophenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4-dinitrotoluene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,6-Dinitrotoluene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Di-n-octylphthalate	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Fluoranthene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	771
Fluorene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Hexachlorobenzene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Hexachlorobutadiene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Hexachlorocyclopentadiene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Hexachloroethane	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Indeno(1,2,3-cd)pyrene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Isophorone	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Methylnaphthalene	200.		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Methylphenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
3 and 4-Methylphenol	60.0	J	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Naphthalene	420.		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Nitroaniline	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
3-Nitroaniline	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Nitroaniline	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Nitrobenzene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2-Nitrophenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
4-Nitrophenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
N-Nitroso-Di-n-Propylamine	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
N-Nitrosodiphenylamine	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Pentachlorophenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Phenanthrene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Phenol	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Pyrene	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Bis(2-ethylhexyl)phthalate	ND		ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44810
Sample ID: MW04-GW23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4,5-Trichlorophenol	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
2,4,6-Trichlorophenol	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
Benzyl alcohol	ND	ug/L	100.	1	3/29/04	15:38	M.Schott	8270C	7716
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/31/04	18:05	C. Spry	8260B	1017
Benzene	ND	ug/L	1.0	1	3/31/04	18:05	C. Spry	8260B	1017
Bromobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Bromochloromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Bromoform	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Bromomethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
2-Butanone	ND	ug/L	25.0	1	3/31/04	18:05	C. Spry	8260B	1017
n-Butylbenzene	5.00	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
sec-Butylbenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
tert-Butylbenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Carbon disulfide	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Carbon tetrachloride	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Chlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Chloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Chloroform	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Chloromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
2-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
4-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/31/04	18:05	C. Spry	8260B	1017
Dibromochloromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2-Dibromoethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Dibromomethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1-Dichloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2-Dichloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1-Dichloroethene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44810
Sample ID: MW04-GW23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,3-Dichloropropane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
2,2-Dichloropropane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1-Dichloropropene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Ethylbenzene	194.	ug/L	1.0	1	3/31/04	18:05	C. Spry	8260B	1017
Hexachlorobutadiene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
2-Hexanone	ND	ug/L	5.00	1	3/31/04	18:05	C. Spry	8260B	1017
Isopropylbenzene	29.1	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
p-Isopropyltoluene	5.30	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	101
4-Methyl-2-pentanone	ND	ug/L	5.00	1	3/31/04	18:05	C. Spry	8260B	1017
Methylene chloride	ND	ug/L	2.50	1	3/31/04	18:05	C. Spry	8260B	1017
Naphthalene	54.0	ug/L	5.00	1	3/31/04	18:05	C. Spry	8260B	1017
n-Propylbenzene	35.1	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Styrene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Tetrachloroethene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Toluene	40.8	ug/L	1.0	1	3/31/04	18:05	C. Spry	8260B	1017
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Trichloroethene	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
1,2,4-Trimethylbenzene	224.	ug/L	5.0	5	3/31/04	18:37	C. Spry	8260B	1019
1,3,5-Trimethylbenzene	81.9	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Vinyl chloride	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Xylenes (Total)	924.	ug/L	5.0	5	3/31/04	18:37	C. Spry	8260B	1019
Bromodichloromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
Trichlorofluoromethane	ND	ug/L	1.00	1	3/31/04	18:05	C. Spry	8260B	1017
MISCELLANEOUS GC PARAMETERS									
Methane	338.	ug/L	26.	1	3/31/04	15:14	K. Roberso	RSK175M	4334

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
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ANALYTICAL REPORT

Laboratory Number: 04-A44810
Sample ID: MW04-GW23
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	220.		ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	44.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	2130		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	4.4	J	ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	6600		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	537.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	97.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	722.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	2270		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	22.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.240		mg/l	0.100	1	3/26/04	18:12	W. Choate	353.2	4322
Sulfate	4.83		mg/l	1.00	1	3/26/04	23:52	S. Duncan	300	4321
MISCELLANEOUS CHEMISTRY										
pH	6.9					3/30/04	14:05	M. Ricke	9040/150.1	4337

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44810
Sample ID: MW04-GW23
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	10.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	85.	71. - 128.
VOA Surr Toluene-d8	92.	77. - 119.
VOA Surr, 4-BFB	96.	79. - 123.
VOA Surr, DBFM	92.	78. - 124.
BNA Surr-Nitrobenzene-d5	73.	25. - 121.
BNA Surr-2-Fluorobiphenyl	76.	33. - 111.
BNA Surr-Terphenyl-d14	110.	11. - 139.
BNA Surr-Phenol-d5	27.	4. - 52.
BNA Surr-2-Fluorophenol	39.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	87.	31. - 144.
Surr - Acetylene	110.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44811
Sample ID: MW04-GW10
Sample Type: Ground water
Site ID:

Date Collected: 3/25/04
Time Collected: 8:55
Date Received: 3/26/04
Time Received: 8:05
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Acenaphthylene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Anthracene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzoic Acid	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzo(a)anthracene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzo(a)pyrene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzo(b)fluoranthene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzo(k)fluoranthene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Butylbenzylphthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Carbazole	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Chloroaniline	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Chloronaphthalene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Chlorophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Chrysene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Dibenzofuran	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
1,2-Dichlorobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
1,3-Dichlorobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
1,4-Dichlorobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44811
Sample ID: MW04-GW10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,4-Dichlorophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Diethylphthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,4-Dimethylphenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Dimethylphthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Di-n-Butylphthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4,6-Dinitro-2-methylphenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,4-Dinitrophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,4-dinitrotoluene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,6-Dinitrotoluene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Di-n-octylphthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Fluoranthene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Fluorene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Hexachlorobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Hexachlorobutadiene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Hexachloroethane	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Isophorone	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Methylnaphthalene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Methylphenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
3 and 4-Methylphenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Naphthalene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Nitroaniline	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
3-Nitroaniline	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Nitroaniline	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Nitrobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2-Nitrophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
4-Nitrophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
N-Nitroso-Di-n-Propylamine	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Pentachlorophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Phenanthrene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Phenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Pyrene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Bis(2-ethylhexyl)phthalate	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44811
Sample ID: MW04-GW10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C.	7716
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
Benzyl alcohol	ND	ug/L	10.0	1	3/29/04	16:02	M.Schott	8270C	7716
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/31/04	14:55	C. Spry	8260B	1017
Benzene	ND	ug/L	1.0	1	3/31/04	14:55	C. Spry	8260B	1017
Bromobenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Bromochloromethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Bromoform	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Bromomethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
2-Butanone	ND	ug/L	25.0	1	3/31/04	14:55	C. Spry	8260B	1017
n-Butylbenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
sec-Butylbenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
tert-Butylbenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Carbon disulfide	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Carbon tetrachloride	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Chlorobenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Chloroethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Chloroform	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Chloromethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
2-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
4-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/31/04	14:55	C. Spry	8260B	1017
Dibromochloromethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2-Dibromoethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Dibromomethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1-Dichloroethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2-Dichloroethane	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1-Dichloroethene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44811
Sample ID: MW04-GW10
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2-Dichloropropane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,3-Dichloropropane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
2,2-Dichloropropane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1-Dichloropropene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Ethylbenzene	2.2		ug/L	1.0	1	3/31/04	14:55	C. Spry	8260B	1017
Hexachlorobutadiene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
2-Hexanone	ND		ug/L	5.00	1	3/31/04	14:55	C. Spry	8260B	1017
Isopropylbenzene	1.50		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
p-Isopropyltoluene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
4-Methyl-2-pentanone	ND		ug/L	5.00	1	3/31/04	14:55	C. Spry	8260B	1017
Methylene chloride	ND		ug/L	2.50	1	3/31/04	14:55	C. Spry	8260B	1017
Naphthalene	3.00	J	ug/L	5.00	1	3/31/04	14:55	C. Spry	8260B	1017
n-Propylbenzene	0.30	J	ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Styrene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Tetrachloroethene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Toluene	ND		ug/L	1.0	1	3/31/04	14:55	C. Spry	8260B	1017
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Trichloroethene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
1,2,4-Trimethylbenzene	2.4		ug/L	1.0	1	3/31/04	14:55	C. Spry	8260B	1017
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Vinyl chloride	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Xylenes (Total)	12.0		ug/L	1.0	1	3/31/04	14:55	C. Spry	8260B	1017
Bromodichloromethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
Trichlorofluoromethane	ND		ug/L	1.00	1	3/31/04	14:55	C. Spry	8260B	1017
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	3/31/04	15:17	K. Roberso	RSK175M	4334

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44811
Sample ID: MW04-GW10
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	152.		ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	27.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	0.7	J	ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	6240		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	2.3	J	ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	4.6	J	ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	64.0		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	1320		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	39.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	563.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	1.7	J	ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	2940		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	20.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	1.34		mg/l	0.100	1	3/26/04	18:12	W. Choate	353.2	4322
Sulfate	6.92		mg/l	1.00	1	3/26/04	23:52	S. Duncan	300	4321
MISCELLANEOUS CHEMISTRY										
pH	6.7					3/30/04	14:05	M. Ricke	9040/150.1	4337

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44811
Sample ID: MW04-GW10
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	83.	71. - 128.
VOA Surr Toluene-d8	92.	77. - 119.
VOA Surr, 4-BFB	100.	79. - 123.
VOA Surr, DBFM	90.	78. - 124.
BNA Surr-Nitrobenzene-d5	73.	25. - 121.
BNA Surr-2-Fluorobiphenyl	76.	33. - 111.
BNA Surr Terphenyl-d14	117.	11. - 139.
BNA Surr-Phenol-d5	26.	4. - 52.
BNA Surr-2-Fluorophenol	39.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	83.	31. - 144.
Surr - Acetylene	105.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44812
Sample ID: MW04-GW21
Sample Type: Ground water
Site ID:

Date Collected: 3/25/04
Time Collected: 11:20
Date Received: 3/26/04
Time Received: 8:05
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Acenaphthylene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Anthracene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzoic Acid	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzo(a)anthracene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzo(a)pyrene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzo(b)fluoranthene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzo(k)fluoranthene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Butylbenzylphthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Carbazole	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Chloroaniline	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Chloronaphthalene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Chlorophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Chrysene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Dibenzofuran	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
1,2-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
1,3-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
1,4-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44812
Sample ID: MW04-GW21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4-Dichlorophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Diethylphthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4-Dimethylphenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Dimethylphthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Di-n-Butylphthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4,6-Dinitro-2-methylphenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4-Dinitrophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4-dinitrotoluene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,6-Dinitrotoluene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Di-n-octylphthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Fluoranthene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	771
Fluorene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Hexachlorobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Hexachlorobutadiene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Hexachloroethane	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Isophorone	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Methylnaphthalene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Methylphenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
3 and 4-Methylphenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Naphthalene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
3-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Nitrobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2-Nitrophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
4-Nitrophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
N-Nitroso-Di-n-Propylamine	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Pentachlorophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Phenanthrene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Phenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Pyrene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Bis(2-ethylhexyl)phthalate	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44812
Sample ID: MW04-GW21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
Benzyl alcohol	ND	ug/L	11.1	1	3/29/04	16:27	M.Schott	8270C	7716
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/31/04	15:27	C. Spry	8260B	1017
Benzene	ND	ug/L	1.0	1	3/31/04	15:27	C. Spry	8260B	1017
Bromobenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Bromochloromethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Bromoform	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Bromomethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
2-Butanone	ND	ug/L	25.0	1	3/31/04	15:27	C. Spry	8260B	1017
n-Butylbenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
sec-Butylbenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
tert-Butylbenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Carbon disulfide	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Carbon tetrachloride	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Chlorobenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Chloroethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Chloroform	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Chloromethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
2-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
4-Chlorotoluene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/31/04	15:27	C. Spry	8260B	1017
Dibromochloromethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2-Dibromoethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Dibromomethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1-Dichloroethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2-Dichloroethane	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1-Dichloroethene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44812
Sample ID: MW04-GW21
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2-Dichloropropane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,3-Dichloropropane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
2,2-Dichloropropane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1-Dichloropropene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Ethylbenzene	1.0		ug/L	1.0	1	3/31/04	15:27	C. Spry	8260B	1017
Hexachlorobutadiene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
2-Hexanone	ND		ug/L	5.00	1	3/31/04	15:27	C. Spry	8260B	1017
Isopropylbenzene	1.40		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
p-Isopropyltoluene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	101
4-Methyl-2-pentanone	ND		ug/L	5.00	1	3/31/04	15:27	C. Spry	8260B	1017
Methylene chloride	ND		ug/L	2.50	1	3/31/04	15:27	C. Spry	8260B	1017
Naphthalene	3.00	J	ug/L	5.00	1	3/31/04	15:27	C. Spry	8260B	1017
n-Propylbenzene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Styrene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Tetrachloroethene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Toluene	ND		ug/L	1.0	1	3/31/04	15:27	C. Spry	8260B	1017
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Trichloroethene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
1,2,4-Trimethylbenzene	1.4		ug/L	1.0	1	3/31/04	15:27	C. Spry	8260B	1017
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Vinyl chloride	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Xylenes (Total)	5.5		ug/L	1.0	1	3/31/04	15:27	C. Spry	8260B	1017
Bromodichloromethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
Trichlorofluoromethane	ND		ug/L	1.00	1	3/31/04	15:27	C. Spry	8260B	1017
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	3/31/04	15:20	K. Roberao	RSK175M	4334

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44812
Sample ID: MW04-GW21
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	57.0	J	ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	10.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	4760		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	1.7	J	ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	1.3	J	ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	197.		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	759.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	2.4	J	ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	503.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	1.1	J	ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	2840		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	8.3	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.720		mg/l	0.100	1	3/26/04	18:14	W. Choate	353.2	4322
Sulfate	5.84		mg/l	1.00	1	3/26/04	23:52	S. Duncan	300	4321
MISCELLANEOUS CHEMISTRY										
pH	7.1					3/30/04	14:05	M. Ricke	9040/150.1	4337

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44812
Sample ID: MW04-GW21
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	87.	71. - 128.
VOA Surr Toluene-d8	95.	77. - 119.
VOA Surr, 4-BFB	102.	79. - 123.
VOA Surr, DBFM	94.	78. - 124.
BNA Surr-Nitrobenzene-d5	75.	25. - 121.
BNA Surr-2-Fluorobiphenyl	78.	33. - 111.
BNA Surr-Terphenyl-d14	120.	11. - 139.
BNA Surr-Phenol-d5	28.	4. - 52.
BNA Surr-2-Fluorophenol	41.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	83.	31. - 144.
Surr - Acetylene	106.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0537	0.0500	107	73 - 135	1017	04-A44811
Chlorobenzene	mg/l	< 0.00100	0.0526	0.0500	105	77 - 130	1017	04-A44811
1,1-Dichloroethene	mg/l	< 0.00100	0.0456	0.0500	91	71 - 143	1017	04-A44811
Toluene	mg/l	< 0.0010	0.0530	0.0500	106	69 - 139	1017	04-A44811
Trichloroethene	mg/l	< 0.00100	0.0585	0.0500	117	72 - 141	1017	04-A44811
Tetrachloroethene	mg/l	< 0.00100	0.0553	0.0500	111	68 - 140	1017	04-A44811
VOA Surr 1,2-DCA-d4	% Rec				85	71 - 128	1017	
VOA Surr Toluene-d8	% Rec				96	77 - 119	1017	
VOA Surr, 4-BFB	% Rec				94	79 - 123	1017	
VOA Surr, DBFM	% Rec				97	78 - 124	1017	
EXTRACTABLE PARAMETERS								
1,4-Dichlorobenzene	mg/l	< 0.0100	0.0290	0.0500	58	23 - 94	7716	04-A44811
N-Nitroso-Di-n-Propylamine	mg/l	< 0.0100	0.0440	0.0500	88	34 - 124	7716	04-A44811
1,2,4-Trichlorobenzene	mg/l	< 0.0100	0.0280	0.0500	56	23 - 101	7716	04-A44811
4-Chloro-3-methylphenol	mg/l	< 0.0100	0.0370	0.0500	74	20 - 125	7716	04-A44811
Acenaphthene	mg/l	< 0.0100	0.0380	0.0500	76	33 - 116	7716	04-A44811
2,4-dinitrotoluene	mg/l	< 0.0100	0.0480	0.0500	96	50 - 133	7716	04-A44811
Pyrene	mg/l	< 0.0100	0.0580	0.0500	116	42 - 128	7716	04-A44811
2-Chlorophenol	mg/l	< 0.0100	0.0340	0.0500	68	10 - 131	7716	04-A44811
4-Nitrophenol	mg/l	< 0.0100	0.0160	0.0500	32	10 - 87	7716	04-A44811
Pentachlorophenol	mg/l	< 0.0100	0.0520	0.0500	104	10 - 165	7716	04-A44811
BNA Surr-Nitrobenzene-d5	% Rec				67	25 - 121	7716	
BNA Surr-2-Fluorobiphenyl	% Rec				79	33 - 111	7716	
BNA Surr-Terphenyl-d14	% Rec				115	11 - 139	7716	
BNA Surr-Phenol-d5	% Rec				28	4 - 52	7716	
BNA Surr-2-Fluorophenol	% Rec				40	5 - 78	7716	

Project QC continued . . .

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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
BNA Surr-2,4,6-Tribromopheno% Rec					86	31 - 144	7716	
METALS								
Aluminum	mg/l	8.152	2.41	2.00	113	80 - 120	6370	04-A44811
Antimony	mg/l	< 0.0100	0.112	0.100	112	80 - 120	6370	04-A44811
Arsenic	mg/l	< 0.0100	0.0550	0.0500	110	80 - 120	6370	04-A44811
Barium	mg/l	0.0270	2.16	2.00	107	80 - 120	6370	04-A44811
Beryllium	mg/l	< 0.0040	0.0550	0.0500	110	80 - 120	6370	04-A44811
Cadmium	mg/l	0.0007	0.0560	0.0500	111	80 - 120	6370	04-A44811
Chromium	mg/l	0.0023	0.220	0.200	109	80 - 120	6370	04-A44811
Cobalt	mg/l	0.0046	0.539	0.500	107	80 - 120	6370	04-A44811
Copper	mg/l	< 0.0100	0.272	0.250	109	80 - 120	6370	04-A44811
Iron	mg/l	0.0640	1.14	1.00	108	80 - 120	6370	04-A44811
Lead	mg/l	< 0.0050	0.0530	0.0500	106	80 - 120	6370	04-A44811
Manganese	mg/l	0.0390	0.582	0.500	109	80 - 120	6370	04-A44811
Mercury	mg/l	< 0.00020	0.00105	0.00100	105	80 - 120	6373	04-A44811
Nickel	mg/l	< 0.0100	0.541	0.500	108	80 - 120	6370	04-A44811
Selenium	mg/l	< 0.0100	0.0600	0.0500	120#	80 - 120	6370	04-A44811
Silver	mg/l	0.0017	0.0580	0.0500	113	80 - 120	6370	04-A44811
Thallium	mg/l	< 0.0100	0.0220	0.0500	44#	80 - 120	6370	04-A44811
Vanadium	mg/l	< 0.0200	0.529	0.500	106	80 - 120	6370	04-A44811
Zinc	mg/l	0.0200	0.527	0.500	101	80 - 120	6370	04-A44811
MISC PARAMETERS								
Nitrate/Nitrite-N as N	mg/l	1.34	7.26	6.00	99	80 - 120	4322	04-A44811
Nitrate/Nitrite-N as N	mg/l	1.34	7.42	6.00	101	80 - 120	4322	04-A44811
Sulfate	mg/l	< 1.00	16.6	15.0	111	80 - 120	4321	04-A44809

Project QC continued . . .

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Methane	mg/L	< 0.026	1.34	1.33	101	40 - 140	4334	04-A44812

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0537	0.0536	0.19	21.	1017
Chlorobenzene	mg/l	0.0526	0.0525	0.19	19.	1017
1,1-Dichloroethene	mg/l	0.0456	0.0468	2.60	21.	1017
Toluene	mg/l	0.0530	0.0523	1.52	24.	1017
Trichloroethene	mg/l	0.0585	0.0582	0.51	21.	1017
Tetrachloroethene	mg/l	0.0553	0.0559	1.08	21.	1017
VOA Surr 1,2-DCA-d4	% Rec		87.			1017
VOA Surr Toluene-d8	% Rec		96.			1017
VOA Surr, 4-BFB	% Rec		98.			1017
VOA Surr, DBFM	% Rec		99.			1017
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/l	0.0290	0.0330	12.90	40.	7716
N-Nitroso-Di-n-Propylamine	mg/l	0.0440	0.0420	4.65	40.	7716
1,2,4-Trichlorobenzene	mg/l	0.0280	0.0300	6.90	44.	7716
4-Chloro-3-methylphenol	mg/l	0.0370	0.0380	2.67	39.	7716
Acenaphthene	mg/l	0.0380	0.0360	5.41	37.	7716
2,4-dinitrotoluene	mg/l	0.0480	0.0460	4.26	42.	7716
Pyrene	mg/l	0.0580	0.0540	7.14	36.	7716
2-Chlorophenol	mg/l	0.0340	0.0330	2.99	48.	7716
4-Nitrophenol	mg/l	0.0160	0.0140	13.33	53.	7716
Pentachlorophenol	mg/l	0.0520	0.0500	3.92	52.	7716
BNA Surr-Nitrobenzene-d5	% Rec		66.			7716
BNA Surr-2-Fluorobiphenyl	% Rec		72.			7716
BNA Surr-Terphenyl-d14	% Rec		106.			7716
BNA Surr-Phenol-d5	% Rec		25.			7716
BNA Surr-2-Fluorophenol	% Rec		35.			7716

Project QC continued . . .

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
BNA Surr-2,4,6-Tribromophenol	% Rec		79.			7716
MISC PARAMETERS						
Methane	mg/L	1.34	1.34	0.00	50	4334
Nitrate/Nitrite-N as N	mg/l	7.26	7.42	2.18	20	4322
Sulfate	mg/l	16.6	16.6	0.00	20	4321

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.209	84	55 - 144	1017
Benzene	mg/l	0.0500	0.0488	98	81 - 121	1017
Bromobenzene	mg/l	0.0500	0.0476	95	72 - 129	1017
Bromochloromethane	mg/l	0.0500	0.0520	104	75 - 137	1017
Bromoform	mg/l	0.0500	0.0429	86	54 - 127	1017
Bromomethane	mg/l	0.0500	0.0534	107	54 - 160	1017
2-Butanone	mg/l	0.250	0.267	107	62 - 146	1017
n-Butylbenzene	mg/l	0.0500	0.0479	96	68 - 139	1017
sec-Butylbenzene	mg/l	0.0500	0.0495	99	75 - 135	1017
tert-Butylbenzene	mg/l	0.0500	0.0484	97	73 - 135	1017
Carbon disulfide	mg/l	0.0500	0.0438	88	71 - 139	1017
Carbon tetrachloride	mg/l	0.0500	0.0508	102	70 - 131	1017
Chlorobenzene	mg/l	0.0500	0.0483	97	87 - 120	1017
Chloroethane	mg/l	0.0500	0.0521	104	65 - 145	1017
Chloroform	mg/l	0.0500	0.0497	99	77 - 128	1017
Chloromethane	mg/l	0.0500	0.0429	86	46 - 147	1017
2-Chlorotoluene	mg/l	0.0500	0.0530	106	78 - 128	1017

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
4 Chlorotoluene	mg/l	0.0500	0.0485	97	80 - 130	1017
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0410	82	55 - 135	1017
Dibromochloromethane	mg/l	0.0500	0.0446	89	63 - 132	1017
1,2-Dibromoethane	mg/l	0.0500	0.0457	91	77 - 136	1017
Dibromomethane	mg/l	0.0500	0.0508	102	75 - 133	1017
1,2-Dichlorobenzene	mg/l	0.0500	0.0475	95	83 - 126	1017
1,3-Dichlorobenzene	mg/l	0.0500	0.0493	99	85 - 124	1017
1,4-Dichlorobenzene	mg/l	0.0500	0.0486	97	83 - 122	1017
Dichlorodifluoromethane	mg/l	0.0500	0.0426	85	52 - 159	1017
1,1-Dichloroethane	mg/l	0.0500	0.0408	82	76 - 129	1017
1,2-Dichloroethane	mg/l	0.0500	0.0447	89	70 - 136	1017
1,1-Dichloroethene	mg/l	0.0500	0.0406	81	77 - 133	1017
cis-1,2-Dichloroethene	mg/l	0.0500	0.0584	117	76 - 129	1017
trans-1,2-Dichloroethene	mg/l	0.0500	0.0418	84	73 - 135	1017
1,2-Dichloropropane	mg/l	0.0500	0.0497	99	74 - 130	1017
1,3-Dichloropropane	mg/l	0.0500	0.0454	91	79 - 129	1017
2,2-Dichloropropane	mg/l	0.0500	0.0533	107	39 - 151	1017
1,1-Dichloropropene	mg/l	0.0500	0.0486	97	80 - 129	1017
cis-1,3-Dichloropropene	mg/l	0.0500	0.0448	90	59 - 136	1017
trans-1,3-Dichloropropene	mg/l	0.0500	0.0425	85	59 - 135	1017
Ethylbenzene	mg/l	0.0500	0.0497	99	78 - 126	1017
Ethylbenzene	mg/l	0.0500	0.0497	99	78 - 126	1019
Hexachlorobutadiene	mg/l	0.0500	0.0493	99	60 - 142	1017
2-Hexanone	mg/l	0.250	0.219	88	61 - 148	1017
Isopropylbenzene	mg/l	0.0500	0.0467	93	74 - 134	1017
p-Isopropyltoluene	mg/l	0.0500	0.0480	96	79 - 130	1017
4-Methyl-2-pentanone	mg/l	0.250	0.236	94	59 - 147	1017
Methylene chloride	mg/l	0.0500	0.0429	86	68 - 132	1017
Naphthalene	mg/l	0.0500	0.0460	92	53 - 152	1017
n-Propylbenzene	mg/l	0.0500	0.0515	103	73 - 134	1017
Styrene	mg/l	0.0500	0.0462	92	78 - 134	1017

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0464	93	75 - 131	1017
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0455	91	62 - 142	1017
Tetrachloroethene	mg/l	0.0500	0.0511	102	77 - 129	1017
Toluene	mg/l	0.0500	0.0474	95	77 - 125	1017
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0465	93	54 - 155	1017
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0454	91	61 - 145	1017
1,1,1-Trichloroethane	mg/l	0.0500	0.0484	97	66 - 139	1017
1,1,2-Trichloroethane	mg/l	0.0500	0.0471	94	77 - 132	1017
Trichloroethene	mg/l	0.0500	0.0532	106	80 - 132	1017
1,2,3-Trichloropropane	mg/l	0.0500	0.0448	90	54 - 144	1017
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0505	101	74 - 130	1017
1,2,4 Trimethylbenzene	mg/l	0.0500	0.0505	101	74 - 130	1019
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0494	99	77 - 131	1017
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0494	99	77 - 131	1019
Vinyl chloride	mg/l	0.0500	0.0423	85	69 - 139	1017
Xylenes (Total)	mg/l	0.150	0.151	101	78 - 127	1017
Xylenes (Total)	mg/l	0.150	0.151	101	78 - 127	1019
Bromodichloromethane	mg/l	0.0500	0.0518	104	67 - 135	1017
Trichlorofluoromethane	mg/l	0.0500	0.0390	78	64 - 143	1017
Methane	mg/L	1.33	1.36	102	79 - 121	4334
VOA Surr 1,2 DCA-d4	% Rec			85	71 - 128	1017
VOA Surr 1,2-DCA-d4	% Rec			85	71 - 128	1019
VOA Surr Toluene-d8	% Rec			94	77 - 119	1017
VOA Surr Toluene-d8	% Rec			94	77 - 119	1019
VOA Surr, 4-BFB	% Rec			94	79 - 123	1017
VOA Surr, 4-BFB	% Rec			94	79 - 123	1019
VOA Surr, DBFM	% Rec			94	78 - 124	1017
VOA Surr, DBFM	% Rec			94	78 - 124	1019

Project QC continued . . .

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EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.0500	0.0320	64	43 - 108	7716
Acenaphthylene	mg/l	0.0500	0.0330	66	43 - 110	7716
Anthracene	mg/l	0.0500	0.0370	74	51 - 124	7716
Benzoic Acid	mg/l	0.0500	0.0130	26	11 - 68	7716
Benzo(a)anthracene	mg/l	0.0500	0.0460	92	47 - 128	7716
Benzo(a)pyrene	mg/l	0.0500	0.0410	82	48 - 125	7716
Benzo(b)fluoranthene	mg/l	0.0500	0.0410	82	45 - 123	7716
Benzo(g,h,i)perylene	mg/l	0.0500	0.0370	74	32 - 139	7716
Benzo(k)fluoranthene	mg/l	0.0500	0.0370	74	48 - 131	7716
4-Bromophenyl-phenylether	mg/l	0.0500	0.0320	64	53 - 124	7716
Butylbenzylphthalate	mg/l	0.0500	0.0480	96	45 - 136	7716
Carbazole	mg/l	0.0500	0.0370	74	47 - 115	7716
4-Chloro-3-methylphenol	mg/l	0.0500	0.0340	68	41 - 121	7716
4-Chloroaniline	mg/l	0.0500	0.0310	62	32 - 109	7716
Bis(2-chloroethoxy)methane	mg/l	0.0500	0.0340	68	44 - 113	7716
Bis(2-chloroethyl)ether	mg/l	0.0500	0.0310	62	37 - 114	7716
Bis(2-chloroisopropyl)ether	mg/l	0.0500	0.0310	62	37 - 111	7716
2-Chloronaphthalene	mg/l	0.0500	0.0290	58	37 - 108	7716
4-Chlorophenyl-phenylether	mg/l	0.0500	0.0330	66	47 - 121	7716
Chrysene	mg/l	0.0500	0.0440	88	47 - 128	7716
Dibenzofuran	mg/l	0.0500	0.0340	68	44 - 115	7716
Dibenz(a,h)anthracene	mg/l	0.0500	0.0360	72	40 - 135	7716
1,2-Dichlorobenzene	mg/l	0.0500	0.0240	48	40 - 95	7716
1,3-Dichlorobenzene	mg/l	0.0500	0.0230	46	38 - 91	7716
1,4-Dichlorobenzene	mg/l	0.0500	0.0230	46	38 - 92	7716
3,3'-Dichlorobenzidine	mg/l	0.0500	0.0320	64	39 - 159	7716
Diethylphthalate	mg/l	0.0500	0.0390	78	49 - 130	7716
Dimethylphthalate	mg/l	0.0500	0.0350	70	51 - 126	7716
2,4-dinitrotoluene	mg/l	0.0500	0.0410	82	55 - 130	7716
2,6-Dinitrotoluene	mg/l	0.0500	0.0410	82	51 - 132	7716
Di-n-octylphthalate	mg/l	0.0500	0.0360	72	41 - 140	7716
Fluoranthene	mg/l	0.0500	0.0370	74	54 - 125	7716
Fluorene	mg/l	0.0500	0.0360	72	46 - 120	7716
Hexachlorobenzene	mg/l	0.0500	0.0350	70	54 - 128	7716
Hexachlorobutadiene	mg/l	0.0500	0.0230	46	37 - 98	7716

Project QC continued . . .

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Hexachlorocyclopentadiene	mg/l	0.0500	0.0220	44	24 - 85	7716
Hexachloroethane	mg/l	0.0500	0.0220	44	36 - 91	7716
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0380	76	35 - 138	7716
Isophorone	mg/l	0.0500	0.0330	66	44 - 113	7716
2-Methylnaphthalene	mg/l	0.0500	0.0280	56	42 - 114	7716
Naphthalene	mg/l	0.0500	0.0250	50	31 - 101	7716
2-Nitroaniline	mg/l	0.0500	0.0380	76	44 - 109	7716
3-Nitroaniline	mg/l	0.0500	0.0360	72	41 - 112	7716
4-Nitroaniline	mg/l	0.0500	0.0390	78	44 - 116	7716
Nitrobenzene	mg/l	0.0500	0.0280	56	34 - 117	7716
N-Nitroso-Di-n-Propylamine	mg/l	0.0500	0.0340	68	40 - 120	7716
N-Nitrosodiphenylamine	mg/l	0.0500	0.0340	68	56 - 126	7716
Phenanthrene	mg/l	0.0500	0.0350	70	52 - 120	7716
Pyrene	mg/l	0.0500	0.0480	96	46 - 128	7716
Bis(2-ethylhexyl)phthalate	mg/l	0.0500	0.0440	88	45 - 136	7716
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0230	46	40 - 99	7716
2,4,6-Trichlorophenol	mg/l	0.0500	0.0320	64	32 - 133	7716
Benzyl alcohol	mg/l	0.0500	0.0280	56	18 - 123	7716
2-Chlorophenol	mg/l	0.0500	0.0280	56	32 - 122	7716
2,4-Dichlorophenol	mg/l	0.0500	0.0280	56	41 - 130	7716
2,4-Dimethylphenol	mg/l	0.0500	0.0230	46	40 - 109	7716
4,6-Dinitro-2-methylphenol	mg/l	0.0500	0.0340	68	35 - 140	7716
2,4-Dinitrophenol	mg/l	0.0500	0.0360	72	47 - 128	7716
2-Methylphenol	mg/l	0.0500	0.0130	26	26 - 104	7716
3 and 4-Methylphenol	mg/l	0.0500	0.0290	58	24 - 99	7716
2-Nitrophenol	mg/l	0.0500	0.0290	58	32 - 125	7716
4-Nitrophenol	mg/l	0.0500	0.0160	32	12 - 82	7716
Pentachlorophenol	mg/l	0.0500	0.0450	90	36 - 136	7716
Phenol	mg/l	0.0500	0.0140	28	20 - 59	7716
2,4,5-Trichlorophenol	mg/l	0.0500	0.0350	70	36 - 132	7716

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BNA Surr-Nitrobenzene-d5	% Rec			56	25 - 121	7716
BNA Surr-2-Fluorobiphenyl	% Rec			61	33 - 111	7716
BNA Surr-Terphenyl d14	% Rec			96	11 - 139	7716
BNA Surr-Phenol-d5	% Rec			25	4 - 52	7716
BNA Surr-2-Fluorophenol	% Rec			34	5 - 78	7716
BNA Surr-2,4,6-Tribromophenol	% Rec			69	31 - 144	7716
METALS						
Aluminum	mg/l	2.00	2.22	111	80 - 120	6370
Antimony	mg/l	0.100	0.103	103	80 - 120	6370
Arsenic	mg/l	0.0500	0.0560	112	80 - 120	6370
Barium	mg/l	2.00	2.05	102	80 - 120	6370
Beryllium	mg/l	0.0500	0.0530	106	80 - 120	6370
Cadmium	mg/l	0.0500	0.0520	104	80 - 120	6370
Calcium	mg/l	5.00	5.47	109	80 - 120	6370
Chromium	mg/l	0.200	0.208	104	80 - 120	6370
Cobalt	mg/l	0.500	0.513	103	80 - 120	6370
Copper	mg/l	0.250	0.257	103	80 - 120	6370
Iron	mg/l	1.00	1.06	106	80 - 120	6370
Lead	mg/l	0.0500	0.0510	102	80 - 120	6370
Magnesium	mg/l	5.00	5.42	108	80 - 120	6370
Manganese	mg/l	0.500	0.521	104	80 - 120	6370
Mercury	mg/l	0.00100	0.00110	110	76 - 123	6373
Nickel	mg/l	0.500	0.508	102	80 - 120	6370
Potassium	mg/l	5.00	4.82	96	80 - 120	6370
Selenium	mg/l	0.0500	0.0540	108	80 - 120	6370
Silver	mg/l	0.0500	0.0540	108	80 - 120	6370
Sodium	mg/l	5.00	5.25	105	80 - 120	6370
Thallium	mg/l	0.0500	0.0530	106	80 - 120	6370
Vanadium	mg/l	0.500	0.508	102	80 - 120	6370
Zinc	mg/l	0.500	0.491	98	80 - 120	6370
MISC PARAMETERS						
Nitrate/Nitrite-N as N	mg/l	6.00	6.09	102	66 - 132	4322
Sulfate	mg/l	15.0	15.0	100	90 - 110	4321

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Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Aluminum	mg/l	0.152	0.159	4.50	15.	6370	04-A44811
Antimony	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Arsenic	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Barium	mg/l	0.0270	0.0270	0.00	15.	6370	04-A44811
Beryllium	mg/l	< 0.0040	< 0.0040	N/A	15.	6370	04-A44811
Cadmium	mg/l	0.0007	0.0009	25.00 #	15.	6370	04-A44811
Calcium	mg/l	6.24	6.30	0.96	15.	6370	04-A44811
Chromium	mg/l	0.0023	0.0028	19.61 #	15.	6370	04-A44811
Cobalt	mg/l	0.0046	0.0054	16.00 #	15.	6370	04-A44811
Copper	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Iron	mg/l	0.0640	0.0750	15.83 #	15.	6370	04-A44811
Lead	mg/l	< 0.0050	< 0.0050	N/A	15.	6370	04-A44811
Magnesium	mg/l	1.32	1.34	1.50	15.	6370	04-A44811
Manganese	mg/l	0.0390	0.0390	0.00	15.	6370	04-A44811
Nickel	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Potassium	mg/l	0.563	0.588	4.34	15.	6370	04-A44811
Selenium	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Silver	mg/l	0.0017	0.0026	41.86 #	15.	6370	04-A44811
Sodium	mg/l	2.94	3.13	6.26	15.	6370	04-A44811
Thallium	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Vanadium	mg/l	< 0.0200	0.0023	N/A	15.	6370	04-A44811
Zinc	mg/l	0.0200	0.0250	22.22 #	15.	6370	04-A44811
pH	pH Units	7.10	7.10	0.00	15.	4337	04-A44812
Sulfate	mg/l	5.84	5.66	3.13	15.	4321	04-A44812

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	1017	3/31/04	12:48
Benzene	< 0.0005	mg/l	1017	3/31/04	12:48
Bromobenzene	< 0.00030	mg/l	1017	3/31/04	12:48
Bromochloromethane	< 0.00030	mg/l	1017	3/31/04	12:48
Bromoform	< 0.00060	mg/l	1017	3/31/04	12:48
Bromomethane	< 0.00060	mg/l	1017	3/31/04	12:48
2-Butanone	< 0.00310	mg/l	1017	3/31/04	12:48
n-Butylbenzene	< 0.00010	mg/l	1017	3/31/04	12:48
sec-Butylbenzene	< 0.00030	mg/l	1017	3/31/04	12:48
tert-Butylbenzene	< 0.00030	mg/l	1017	3/31/04	12:48
Carbon disulfide	< 0.00020	mg/l	1017	3/31/04	12:48
Carbon tetrachloride	< 0.00040	mg/l	1017	3/31/04	12:48
Chlorobenzene	< 0.00020	mg/l	1017	3/31/04	12:48
Chloroethane	< 0.00100	mg/l	1017	3/31/04	12:48
Chloroform	< 0.00080	mg/l	1017	3/31/04	12:48
Chloromethane	< 0.00070	mg/l	1017	3/31/04	12:48
2-Chlorotoluene	< 0.00040	mg/l	1017	3/31/04	12:48
4-Chlorotoluene	< 0.00050	mg/l	1017	3/31/04	12:48
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	1017	3/31/04	12:48
Dibromochloromethane	< 0.00050	mg/l	1017	3/31/04	12:48
1,2-Dibromoethane	< 0.00040	mg/l	1017	3/31/04	12:48
Dibromomethane	< 0.00090	mg/l	1017	3/31/04	12:48
1,2-Dichlorobenzene	< 0.00020	mg/l	1017	3/31/04	12:48
1,3-Dichlorobenzene	< 0.00030	mg/l	1017	3/31/04	12:48
1,4-Dichlorobenzene	< 0.00040	mg/l	1017	3/31/04	12:48
Dichlorodifluoromethane	< 0.00050	mg/l	1017	3/31/04	12:48
1,1-Dichloroethane	< 0.00020	mg/l	1017	3/31/04	12:48

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dichloroethane	< 0.00060	mg/l	1017	3/31/04	12:48
1,1-Dichloroethene	< 0.00060	mg/l	1017	3/31/04	12:48
cis-1,2-Dichloroethene	< 0.00060	mg/l	1017	3/31/04	12:48
trans-1,2-Dichloroethene	< 0.00050	mg/l	1017	3/31/04	12:48
1,2-Dichloropropane	< 0.00040	mg/l	1017	3/31/04	12:48
1,3-Dichloropropane	< 0.00040	mg/l	1017	3/31/04	12:48
2,2-Dichloropropane	< 0.00040	mg/l	1017	3/31/04	12:48
1,1-Dichloropropene	< 0.00050	mg/l	1017	3/31/04	12:48
cis-1,3-Dichloropropene	< 0.00030	mg/l	1017	3/31/04	12:48
trans-1,3-Dichloropropene	< 0.00050	mg/l	1017	3/31/04	12:48
Ethylbenzene	< 0.0003	mg/l	1017	3/31/04	12:48
Ethylbenzene	< 0.0003	mg/l	1019	3/31/04	12:48
Hexachlorobutadiene	< 0.00080	mg/l	1017	3/31/04	12:48
2-Hexanone	< 0.00420	mg/l	1017	3/31/04	12:48
Isopropylbenzene	< 0.00040	mg/l	1017	3/31/04	12:48
p-Isopropyltoluene	< 0.00060	mg/l	1017	3/31/04	12:48
4-Methyl-2-pentanone	< 0.00490	mg/l	1017	3/31/04	12:48
Methylene chloride	< 0.00240	mg/l	1017	3/31/04	12:48
Naphthalene	< 0.00120	mg/l	1017	3/31/04	12:48
n-Propylbenzene	< 0.00030	mg/l	1017	3/31/04	12:48
Styrene	< 0.00040	mg/l	1017	3/31/04	12:48
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	1017	3/31/04	12:48
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	1017	3/31/04	12:48
Tetrachloroethene	< 0.00040	mg/l	1017	3/31/04	12:48
Toluene	< 0.0006	mg/l	1017	3/31/04	12:48
1,2,3-Trichlorobenzene	< 0.00100	mg/l	1017	3/31/04	12:48
1,2,4-Trichlorobenzene	< 0.00060	mg/l	1017	3/31/04	12:48
1,1,1-Trichloroethane	< 0.00070	mg/l	1017	3/31/04	12:48
1,1,2-Trichloroethane	< 0.00040	mg/l	1017	3/31/04	12:48
Trichloroethene	< 0.00040	mg/l	1017	3/31/04	12:48
1,2,3-Trichloropropane	< 0.00060	mg/l	1017	3/31/04	12:48

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2,4-Trimethylbenzene	< 0.0003	mg/l	1017	3/31/04	12:48
1,2,4-Trimethylbenzene	< 0.0003	mg/l	1019	3/31/04	12:48
1,3,5-Trimethylbenzene	< 0.00100	mg/l	1017	3/31/04	12:48
1,3,5-Trimethylbenzene	< 0.00100	mg/l	1019	3/31/04	12:48
Vinyl chloride	< 0.00050	mg/l	1017	3/31/04	12:48
Xylenes (Total)	< 0.0009	mg/l	1017	3/31/04	12:48
Xylenes (Total)	< 0.0009	mg/l	1019	3/31/04	12:48
Bromodichloromethane	< 0.00030	mg/l	1017	3/31/04	12:48
Trichlorofluoromethane	< 0.00040	mg/l	1017	3/31/04	12:48
VOA Surr 1,2-DCA-d4	85.	% Rec	1017	3/31/04	12:48
VOA Surr 1,2-DCA-d4	85.	% Rec	1019	3/31/04	12:48
VOA Surr Toluene-d8	96.	% Rec	1017	3/31/04	12:48
VOA Surr Toluene-d8	96.	% Rec	1019	3/31/04	12:48
VOA Surr, 4 BFB	101.	% Rec	1017	3/31/04	12:48
VOA Surr, 4-BFB	101.	% Rec	1019	3/31/04	12:48
VOA Surr, DBFM	91.	% Rec	1017	3/31/04	12:48
VOA Surr, DBFM	91.	% Rec	1019	3/31/04	12:48
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00110	mg/l	7716	3/29/04	13:36
Acenaphthylene	< 0.0011	mg/l	7716	3/29/04	13:36
Anthracene	< 0.00110	mg/l	7716	3/29/04	13:36
Benzoic Acid	< 0.00290	mg/l	7716	3/29/04	13:36
Benzo(a)anthracene	< 0.00120	mg/l	7716	3/29/04	13:36
Benzo(a)pyrene	< 0.00120	mg/l	7716	3/29/04	13:36
Benzo(b)fluoranthene	< 0.00100	mg/l	7716	3/29/04	13:36
Benzo(g,h,i)perylene	< 0.00120	mg/l	7716	3/29/04	13:36
Benzo(k)fluoranthene	< 0.00050	mg/l	7716	3/29/04	13:36
4-Bromophenyl-phenylether	< 0.00060	mg/l	7716	3/29/04	13:36
Butylbenzylphthalate	< 0.00060	mg/l	7716	3/29/04	13:36
Carbazole	< 0.00120	mg/l	7716	3/29/04	13:36
4-Chloro-3-methylphenol	< 0.00110	mg/l	7716	3/29/04	13:36

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4-Chloroaniline	< 0.00120	mg/l	7716	3/29/04	13:36
Bis(2-chloroethoxy)methane	< 0.00110	mg/l	7716	3/29/04	13:36
Bis(2-chloroethyl)ether	< 0.00050	mg/l	7716	3/29/04	13:36
Bis(2-chloroisopropyl)ether	< 0.00050	mg/l	7716	3/29/04	13:36
2-Chloronaphthalene	< 0.00110	mg/l	7716	3/29/04	13:36
2-Chlorophenol	< 0.00050	mg/l	7716	3/29/04	13:36
4-Chlorophenyl-phenylether	< 0.00120	mg/l	7716	3/29/04	13:36
Chrysene	< 0.00060	mg/l	7716	3/29/04	13:36
Dibenzofuran	< 0.00120	mg/l	7716	3/29/04	13:36
Dibenz(a,h)anthracene	< 0.00060	mg/l	7716	3/29/04	13:36
1,2-Dichlorobenzene	< 0.00050	mg/l	7716	3/29/04	13:36
1,3-Dichlorobenzene	< 0.00060	mg/l	7716	3/29/04	13:36
1,4-Dichlorobenzene	< 0.00060	mg/l	7716	3/29/04	13:36
3,3'-Dichlorobenzidine	< 0.00170	mg/l	7716	3/29/04	13:36
2,4-Dichlorophenol	< 0.00120	mg/l	7716	3/29/04	13:36
Diethylphthalate	< 0.00130	mg/l	7716	3/29/04	13:36
2,4-Dimethylphenol	< 0.00100	mg/l	7716	3/29/04	13:36
Dimethylphthalate	< 0.00120	mg/l	7716	3/29/04	13:36
Di-n-Butylphthalate	< 0.00130	mg/l	7716	3/29/04	13:36
4,6-Dinitro-2-methylphenol	< 0.00300	mg/l	7716	3/29/04	13:36
2,4-Dinitrophenol	< 0.00060	mg/l	7716	3/29/04	13:36
2,4-dinitrotoluene	< 0.00120	mg/l	7716	3/29/04	13:36
2,6-Dinitrotoluene	< 0.0100	mg/l	7716	3/29/04	13:36
Di-n-octylphthalate	< 0.00140	mg/l	7716	3/29/04	13:36
Fluoranthene	< 0.00130	mg/l	7716	3/29/04	13:36
Fluorene	< 0.00100	mg/l	7716	3/29/04	13:36
Hexachlorobenzene	< 0.00050	mg/l	7716	3/29/04	13:36
Hexachlorobutadiene	< 0.00050	mg/l	7716	3/29/04	13:36
Hexachlorocyclopentadiene	< 0.00060	mg/l	7716	3/29/04	13:36
Hexachloroethane	< 0.00060	mg/l	7716	3/29/04	13:36
Indeno(1,2,3-cd)pyrene	< 0.00110	mg/l	7716	3/29/04	13:36

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Isophorone	< 0.00110	mg/l	7716	3/29/04	13:36
2-Methylnaphthalene	< 0.00130	mg/l	7716	3/29/04	13:36
2-Methylphenol	< 0.00110	mg/l	7716	3/29/04	13:36
3 and 4-Methylphenol	< 0.00120	mg/l	7716	3/29/04	13:36
Naphthalene	< 0.00160	mg/l	7716	3/29/04	13:36
2-Nitroaniline	< 0.00040	mg/l	7716	3/29/04	13:36
3-Nitroaniline	< 0.00120	mg/l	7716	3/29/04	13:36
4-Nitroaniline	< 0.00080	mg/l	7716	3/29/04	13:36
Nitrobenzene	< 0.00100	mg/l	7716	3/29/04	13:36
2-Nitrophenol	< 0.00050	mg/l	7716	3/29/04	13:36
4-Nitrophenol	< 0.00070	mg/l	7716	3/29/04	13:36
N-Nitroso-Di-n-Propylamine	< 0.00050	mg/l	7716	3/29/04	13:36
N-Nitrosodiphenylamine	< 0.00120	mg/l	7716	3/29/04	13:36
Pentachlorophenol	< 0.00640	mg/l	7716	3/29/04	13:36
Phenanthrene	< 0.00050	mg/l	7716	3/29/04	13:36
Phenol	< 0.00190	mg/l	7716	3/29/04	13:36
Pyrene	< 0.00060	mg/l	7716	3/29/04	13:36
Bis(2-ethylhexyl)phthalate	< 0.00140	mg/l	7716	3/29/04	13:36
1,2,4-Trichlorobenzene	< 0.00100	mg/l	7716	3/29/04	13:36
2,4,5-Trichlorophenol	< 0.00110	mg/l	7716	3/29/04	13:36
2,4,6-Trichlorophenol	< 0.00100	mg/l	7716	3/29/04	13:36
Benzyl alcohol	< 0.0019	mg/l	7716	3/29/04	13:36
BNA Surr-Nitrobenzene-d5	79.	% Rec	7716	3/29/04	13:36
BNA Surr-2-Fluorobiphenyl	80.	% Rec	7716	3/29/04	13:36
BNA Surr-Terphenyl-d14	139.	% Rec	7716	3/29/04	13:36
BNA Surr-Phenol-d5	31.	% Rec	7716	3/29/04	13:36
BNA Surr-2-Fluorophenol	45.	% Rec	7716	3/29/04	13:36
BNA Surr-2,4,6-Tribromophenol	91.	% Rec	7716	3/29/04	13:36

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 16
Laboratory Receipt Date: 3/26/04

METALS					
Aluminum	< 0.0130	mg/l	6370	3/30/04	8:49
Antimony	< 0.0042	mg/l	6370	3/30/04	8:49
Arsenic	< 0.0042	mg/l	6370	3/30/04	8:49
Barium	< 0.0002	mg/l	6370	3/30/04	8:49
Beryllium	< 0.0005	mg/l	6370	3/30/04	8:49
Cadmium	< 0.0005	mg/l	6370	3/30/04	8:49
Calcium	< 0.0098	mg/l	6370	3/30/04	8:49
Chromium	< 0.0013	mg/l	6370	3/30/04	8:49
Cobalt	< 0.0016	mg/l	6370	3/30/04	8:49
Copper	< 0.0016	mg/l	6370	3/30/04	8:49
Iron	< 0.0150	mg/l	6370	3/30/04	8:49
Lead	< 0.0029	mg/l	6370	3/30/04	8:49
Magnesium	< 0.0180	mg/l	6370	3/30/04	8:49
Manganese	< 0.0005	mg/l	6370	3/30/04	8:49
Mercury	< 0.00015	mg/l	6373	3/30/04	8:23
Nickel	< 0.0032	mg/l	6370	3/30/04	8:49
Potassium	< 0.120	mg/l	6370	3/30/04	8:49
Selenium	< 0.0036	mg/l	6370	3/30/04	8:49
Silver	< 0.0007	mg/l	6370	3/30/04	8:49
Sodium	< 0.176	mg/l	6370	3/30/04	8:49
Thallium	< 0.0019	mg/l	6370	3/30/04	8:49
Vanadium	< 0.0014	mg/l	6370	3/30/04	8:49
Zinc	< 0.0013	mg/l	6370	3/30/04	8:49
MISC PARAMETERS					
Nitrate/Nitrite-N as N	< 0.100	mg/l	4322	3/26/04	18:08
Sulfate	< 1.00	mg/l	4321	3/26/04	23:52
Methane	< 0.026	mg/L	4334	3/31/04	15:03

End of Report for Project 369164

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#**



Client Name : SAIC

Cooler Received/Opened On: 3/29/04 **Accessioned By:** Mark Beasley

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 3.0 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... (YES)...NO....NA
   a. If yes, how many, what kind and where: 2 Front/Side
3. Were custody seals on containers and intact?..... (NO)...YES...NA
4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA
5. Were custody papers inside cooler?..... (YES)...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA
7. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA
12. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA
13. Were correct containers used for the analysis requested?..... (YES)...NO...NA
14. a. Were VOA vials received?..... (YES)...NO...NA
    b. Was there any observable head space present in any VOA vial?..... (NO)...YES...NA
15. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA
16. Were correct preservatives used?..... (YES)...NO...NA

    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... (NO)...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

3972	4122				
UPS	Velocity	Airborne	Route	Off-street	(Fedex) Misc.

19. If a Non-Conformance exists, see attached or comments below:

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4/ 9/04 CASE NARRATIVE

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: GABRESKI AIRPORT
Project Number: .
Laboratory Project Number: 369521.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW04-TB03	04-A46934	3/26/04
MW04-GW22	04-A46935	3/26/04
MW09-GW08	04-A46936	3/26/04
MW09-GW09	04-A46937	3/26/04
MW07-GW23	04-A46938	3/26/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: _____ Report Date: 4/ 8/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: 11342

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46934
Sample ID: MW04-TB03
Sample Type: Ground water
Site ID:

Date Collected: 3/26/04
Time Collected: 9:00
Date Received: 3/29/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
Benzene	ND	ug/L	1.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Bromoform	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Chloroform	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46934
Sample ID: MW04-TB03
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	18:06	C. Spry	8260B	7896
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Styrene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Toluene	ND	ug/L	1.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	18:06	C. Spry	8260B	7896
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46934
Sample ID: MW04-TB03
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	18:06	C. Spry	8260B	7896

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	101.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	104.	79. - 123.
VOA Surr, DBFM	98.	78. - 124.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46935
Sample ID: MW04-GW22
Sample Type: Ground water
Site ID:

Date Collected: 3/26/04
Time Collected: 10:50
Date Received: 3/29/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Acenaphthylene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Anthracene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzoic Acid	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzo(a)anthracene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzo(a)pyrene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzo(b)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzo(k)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Butylbenzylphthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Carbazole	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Chloroaniline	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Chloronaphthalene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Chlorophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Chrysene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Dibenzofuran	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
1,2-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
1,3-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
1,4-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46935
Sample ID: MW04-GW22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4-Dichlorophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Diethylphthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4-Dimethylphenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Dimethylphthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Di-n-Butylphthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4,6-Dinitro-2-methylphenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4-Dinitrophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4-dinitrotoluene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,6-Dinitrotoluene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Di-n-octylphthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Fluoranthene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	256
Fluorene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Hexachlorobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Hexachlorobutadiene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Hexachloroethane	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Isophorone	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Methylnaphthalene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Methylphenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
3 and 4-Methylphenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Naphthalene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
3-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Nitrobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2-Nitrophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
4-Nitrophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
N-Nitroso-Di-n-Propylamine	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Pentachlorophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Phenanthrene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Phenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Pyrene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Bis(2-ethylhexyl)phthalate	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46935
Sample ID: MW04-GW22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
Benzyl alcohol	ND	ug/L	11.1	1	4/ 2/04	20:50	CHollingsw	8270C	2567
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
Benzene	ND	ug/L	1.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Bromoform	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Chloroform	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46935
Sample ID: MW04-GW22
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,3-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
2,2-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Ethylbenzene	0.4	J	ug/L	1.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
Hexachlorobutadiene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
2-Hexanone	ND		ug/L	5.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Isopropylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
p-Isopropyltoluene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
4-Methyl-2-pentanone	ND		ug/L	5.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Methylene chloride	ND		ug/L	2.50	1	4/ 6/04	19:12	C. Spry	8260B	7896
Naphthalene	ND		ug/L	5.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
n-Propylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Styrene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Tetrachloroethene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Toluene	ND		ug/L	1.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1,1-Trichloroethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,1,2-Trichloroethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Trichloroethene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2,3-Trichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,2,4-Trimethylbenzene	0.6	J	ug/L	1.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Vinyl chloride	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Xylenes (Total)	2.1		ug/L	1.0	1	4/ 6/04	19:12	C. Spry	8260B	7896
Bromodichloromethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
Trichlorofluoromethane	ND		ug/L	1.00	1	4/ 6/04	19:12	C. Spry	8260B	7896
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	4/ 1/04	14:54	K. Roberso	RSK175M	7796

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46935
Sample ID: MW04-GW22
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	128.		ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	20.0		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	8300		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	2.5	J	ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	138.		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	2250		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	12.0	J	ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	1400		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	34600		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	9.6	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	1.71		mg/l	0.100	1	3/30/04	18:35	W. Choate	353.2	8432
Sulfate	9.40		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.3					3/30/04	14:10	M. Ricke	9040/150.1	7797

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ANALYTICAL REPORT

Laboratory Number: 04-A46935
Sample ID: MW04-GW22
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	102.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	108.	79. - 123.
VOA Surr, DBFM	89.	78. - 124.
BNA Surr-Nitrobenzene-d5	59.	25. - 121.
BNA Surr-2-Fluorobiphenyl	65.	33. - 111.
BNA Surr-Terphenyl-d14	139.	11. - 139.
BNA Surr-Phenol-d5	22.	4. - 52.
BNA Surr-2-Fluorophenol	32.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	82.	31. - 144.
Surr - Acetylene	105.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46936
Sample ID: MW09-GW08
Sample Type: Ground water
Site ID:

Date Collected: 3/26/04
Time Collected: 12:10
Date Received: 3/29/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Acenaphthylene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Anthracene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzoic Acid	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzo(a)anthracene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzo(a)pyrene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzo(b)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzo(k)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Butylbenzylphthalate	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Carbazole	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Chloroaniline	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Chloronaphthalene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Chlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Chrysene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Dibenzofuran	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
1,2-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
1,3-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
1,4-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567

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ANALYTICAL REPORT

Laboratory Number: 04-A46936
Sample ID: MW09-GW08
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4-Dichlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Diethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4-Dimethylphenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Dimethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Di-n-Butylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4-Dinitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4-dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,6-Dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Di-n-octylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Fluoranthene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Fluorene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Hexachlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Hexachlorobutadiene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Hexachloroethane	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Isophorone	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Methylnaphthalene	4.70	J	ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
3 and 4-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Naphthalene	10.0		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
3-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Nitrobenzene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
4-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Pentachlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Phenanthrene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Phenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Pyrene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46936
Sample ID: MW09-GW08
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4,5-Trichlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
2,4,6-Trichlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
Benzyl alcohol	ND		ug/L	10.0	1	4/ 2/04	21:15	CHollingsw	8270C	2567
VOLATILE ORGANICS										
Acetone	ND		ug/L	25.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
Benzene	ND		ug/L	1.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
Bromobenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Bromochloromethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Bromoform	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Bromomethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
2-Butanone	ND		ug/L	25.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
n-Butylbenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
sec-Butylbenzene	2.60		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
tert-Butylbenzene	0.40	J	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Carbon disulfide	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Carbon tetrachloride	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Chlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Chloroethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Chloroform	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Chloromethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
2-Chlorotoluene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
4-Chlorotoluene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Dibromochloromethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2-Dibromoethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Dibromomethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,3-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,4-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Dichlorodifluoromethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1-Dichloroethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2-Dichloroethane	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1-Dichloroethene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896

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ANALYTICAL REPORT

Laboratory Number: 04-A46936
Sample ID: MW09-GW08
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Ethylbenzene	27.0	ug/L	1.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
2-Hexanone	ND	ug/L	5.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Isopropylbenzene	16.7	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Methylene chloride	ND	ug/L	2.50	1	4/ 7/04	0:10	C. Spry	8260B	7896
Naphthalene	18.3	ug/L	5.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
n-Propylbenzene	7.20	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Styrene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Tetrachloroethene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Toluene	ND	ug/L	1.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Trichloroethene	ND	ug/L	1.00	1	4/ 7/04	18:47	C. Spry	8260B	7918
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,2,4-Trimethylbenzene	31.3	ug/L	1.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
1,3,5-Trimethylbenzene	8.00	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Vinyl chloride	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Xylenes (Total)	68.4	ug/L	1.0	1	4/ 7/04	0:10	C. Spry	8260B	7896
Bromodichloromethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 7/04	0:10	C. Spry	8260B	7896
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	4/ 1/04	14:58	K. Roberso	RSK175M	7796

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46936
Sample ID: MW09-GW08
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	17.0	J	ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	9.0	J	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	29.0		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	8980		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	20200		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	1080		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	333.		ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	1130		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	6050		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	12.0	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	ND		mg/l	0.100	1	3/30/04	18:37	W. Choate	353.2	8432
Sulfate	4.51		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.5					3/30/04	14:10	M. Ricke	9040/150.1	7797

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ANALYTICAL REPORT

Laboratory Number: 04-A46936
Sample ID: MW09-GW08
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	105.	77. - 119.
VOA Surr, 4-BFB	108.	79. - 123.
VOA Surr, DBFM	80.	78. - 124.
BNA Surr-Nitrobenzene-d5	58.	25. - 121.
BNA Surr-2-Fluorobiphenyl	62.	33. - 111.
BNA Surr-Terphenyl-d14	115.	11. - 139.
BNA Surr-Phenol-d5	20.	4. - 52.
BNA Surr-2-Fluorophenol	29.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	76.	31. - 144.
Surr - Acetylene	104.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46937
Sample ID: MW09-GW09
Sample Type: Ground water
Site ID:

Date Collected: 3/26/04
Time Collected: 13:50
Date Received: 3/29/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Acenaphthylene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Anthracene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzoic Acid	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzo(a)anthracene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzo(a)pyrene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzo(b)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzo(k)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Butylbenzylphthalate	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Carbazole	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Chloroaniline	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Chloronaphthalene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Chlorophenol	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Chrysene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Dibenzofuran	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
1,2-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
1,3-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
1,4-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567

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ANALYTICAL REPORT

Laboratory Number: 04-A46937
Sample ID: MW09-GW09
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4-Dichlorophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Diethylphthalate	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4-Dimethylphenol	9.00	J	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Dimethylphthalate	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Di-n-Butylphthalate	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4,6-Dinitro-2-methylphenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4-Dinitrophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4-dinitrotoluene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,6-Dinitrotoluene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Di-n-octylphthalate	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Fluoranthene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Fluorene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Hexachlorobenzene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Hexachlorobutadiene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Hexachlorocyclopentadiene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Hexachloroethane	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Indeno(1,2,3-cd)pyrene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Isophorone	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Methylnaphthalene	23.3		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Methylphenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
3 and 4-Methylphenol	3.22	J	ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Naphthalene	85.6		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Nitroaniline	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
3-Nitroaniline	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Nitroaniline	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Nitrobenzene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2-Nitrophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
4-Nitrophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
N-Nitroso-Di-n-Propylamine	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
N-Nitrosodiphenylamine	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Pentachlorophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Phenanthrene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Phenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Pyrene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Bis(2-ethylhexyl)phthalate	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46937
Sample ID: MW09-GW09
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4,5-Trichlorophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
2,4,6-Trichlorophenol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
Benzyl alcohol	ND		ug/L	11.1	1	4/ 2/04	21:39	CHollingsw	8270C	2567
VOLATILE ORGANICS										
Acetone	ND		ug/L	25.0	1	4/ 7/04	0:43	C. Spry	8260B	7896
Benzene	0.6	J	ug/L	1.0	1	4/ 7/04	0:43	C. Spry	8260B	7896
Bromobenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Bromochloromethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Bromoform	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Bromomethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
2-Butanone	ND		ug/L	25.0	1	4/ 7/04	0:43	C. Spry	8260B	7896
n-Butylbenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
sec-Butylbenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
tert-Butylbenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Carbon disulfide	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Carbon tetrachloride	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Chlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Chloroethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Chloroform	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Chloromethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
2-Chlorotoluene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
4-Chlorotoluene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Dibromochloromethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2-Dibromoethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Dibromomethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,3-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,4-Dichlorobenzene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Dichlorodifluoromethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1-Dichloroethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2-Dichloroethane	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1-Dichloroethene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46937
Sample ID: MW09-GW09
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Ethylbenzene	573.	ug/L	10.0	10	4/ 7/04	1:16	C. Spry	8260B	7911
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
2-Hexanone	ND	ug/L	5.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Isopropylbenzene	53.9	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Methylene chloride	ND	ug/L	2.50	1	4/ 7/04	0:43	C. Spry	8260B	7896
Naphthalene	135.	ug/L	5.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
n-Propylbenzene	44.3	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Styrene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Tetrachloroethene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Toluene	2.2	ug/L	1.0	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Trichloroethene	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
1,2,4-Trimethylbenzene	329.	ug/L	10.0	10	4/ 7/04	1:16	C. Spry	8260B	7911
1,3,5-Trimethylbenzene	91.2	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Vinyl chloride	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Xylenes (Total)	2290	ug/L	10.0	10	4/ 7/04	1:16	C. Spry	8260B	7911
Bromodichloromethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 7/04	0:43	C. Spry	8260B	7896
MISCELLANEOUS GC PARAMETERS									
Methane	2080	ug/L	26.	1	4/ 1/04	15:01	K. Roberso	RSK175M	7796

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46937
Sample ID: MW09-GW09
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	56.0	J	ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	6.0	J	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	69.0		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	14800		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	36000		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	2390		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	639.		ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	3500	U	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	6400		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	19.0	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	ND		mg/l	0.100	1	3/30/04	18:37	W. Choate	353.2	8432
Sulfate	2.77		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.1					3/30/04	14:10	M. Ricke	9040/150.1	7797

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46937
Sample ID: MW09-GW09
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	102.	71. - 128.
VOA Surr Toluene-d8	89.	77. - 119.
VOA Surr, 4-BFB	110.	79. - 123.
VOA Surr, DBFM	88.	78. - 124.
BNA Surr-Nitrobenzene-d5	68.	25. - 121.
BNA Surr-2-Fluorobiphenyl	77.	33. - 111.
BNA Surr-Terphenyl-d14	140. #	11. - 139.
BNA Surr-Phenol-d5	29.	4. - 52.
BNA Surr-2-Fluorophenol	40.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	100.	31. - 144.
Surr - Acetylene	106.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46938
Sample ID: MW07-GW23
Sample Type: Ground water
Site ID:

Date Collected: 3/26/04
Time Collected: 15:30
Date Received: 3/29/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Acenaphthylene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Anthracene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzoic Acid	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzo(a)anthracene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzo(a)pyrene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzo(b)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzo(k)fluoranthene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Butylbenzylphthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Carbazole	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Chloroaniline	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Chloronaphthalene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Chlorophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Chrysene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Dibenzofuran	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
1,2-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
1,3-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
1,4-Dichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567

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ANALYTICAL REPORT

Laboratory Number: 04-A46938
Sample ID: MW07-GW23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4-Dichlorophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Diethylphthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4-Dimethylphenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Dimethylphthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Di-n-Butylphthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4,6-Dinitro-2-methylphenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4-Dinitrophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4-dinitrotoluene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,6-Dinitrotoluene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Di-n-octylphthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Fluoranthene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Fluorene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Hexachlorobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Hexachlorobutadiene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Hexachloroethane	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Isophorone	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Methylnaphthalene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Methylphenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
3 and 4-Methylphenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Naphthalene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
3-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Nitroaniline	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Nitrobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2-Nitrophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
4-Nitrophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
N-Nitroso-Di-n-Propylamine	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Pentachlorophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Phenanthrene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Phenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Pyrene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Bis(2-ethylhexyl)phthalate	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46938
Sample ID: MW07-GW23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
Benzyl alcohol	ND	ug/L	11.1	1	4/ 2/04	22:45	CHollingsw	8270C	2567
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
Benzene	ND	ug/L	1.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Bromoform	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Chloroform	1.20	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46938
Sample ID: MW07-GW23
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,3-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
2,2-Dichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Ethylbenzene	1.0		ug/L	1.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
Hexachlorobutadiene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
2-Hexanone	ND		ug/L	5.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Isopropylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
p-Isopropyltoluene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
4-Methyl-2-pentanone	ND		ug/L	5.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Methylene chloride	ND		ug/L	2.50	1	4/ 6/04	19:45	C. Spry	8260B	7896
Naphthalene	ND		ug/L	5.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
n-Propylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Styrene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Tetrachloroethene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Toluene	ND		ug/L	1.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1,1-Trichloroethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,1,2-Trichloroethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Trichloroethene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2,3-Trichloropropane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,2,4-Trimethylbenzene	0.7	J	ug/L	1.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Vinyl chloride	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Xylenes (Total)	4.0		ug/L	1.0	1	4/ 6/04	19:45	C. Spry	8260B	7896
Bromodichloromethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
Trichlorofluoromethane	ND		ug/L	1.00	1	4/ 6/04	19:45	C. Spry	8260B	7896
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	4/ 1/04	15:04	K. Roberso	RSK175M	7796

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46938
Sample ID: MW07-GW23
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	177.		ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	8.0	J	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	1580		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	228.		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	882.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	19.0		ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	399.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	3770		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	6.4	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.160		mg/l	0.100	1	3/30/04	18:38	W. Choate	353.2	8432
Sulfate	4.26		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.5					3/30/04	14:10	M. Ricke	9040/150.1	7797

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ANALYTICAL REPORT

Laboratory Number: 04-A46938
Sample ID: MW07-GW23
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	103.	71. - 128.
VOA Surr Toluene-d8	92.	77. - 119.
VOA Surr, 4-BFB	111.	79. - 123.
VOA Surr, DBFM	89.	78. - 124.
BNA Surr-Nitrobenzene-d5	54.	25. - 121.
BNA Surr-2-Fluorobiphenyl	59.	33. - 111.
BNA Surr-Terphenyl-d14	152. #	11. - 139.
BNA Surr-Phenol-d5	22.	4. - 52.
BNA Surr-2-Fluorophenol	31.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	91.	31. - 144.
Surr - Acetylene	106.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 1
Laboratory Receipt Date: 3/30/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0005	0.0565	0.0500	113	73 - 135	7896	BLANK
Chlorobenzene	mg/l	< 0.00020	0.0436	0.0500	87	77 - 130	7896	BLANK
1,1-Dichloroethene	mg/l	< 0.00060	0.0570	0.0500	114	71 - 143	7896	BLANK
Toluene	mg/l	< 0.0006	0.0436	0.0500	87	69 - 139	7896	BLANK
Trichloroethene	mg/l	< 0.00040	0.0579	0.0500	116	72 - 141	7896	BLANK
Tetrachloroethene	mg/l	< 0.00040	0.0422	0.0500	84	68 - 140	7896	BLANK
VOA Surr 1,2-DCA-d4	% Rec				101	71 - 128	7896	
VOA Surr Toluene-d8	% Rec				89	77 - 119	7896	
VOA Surr, 4-BFB	% Rec				107	79 - 123	7896	
VOA Surr, DBFM	% Rec				93	78 - 124	7896	
EXTRACTABLE PARAMETERS								
1,4-Dichlorobenzene	mg/l	< 0.00060	0.0260	0.0500	52	23 - 94	2567	BLANK
N-Nitroso-Di-n-Propylamine	mg/l	< 0.00050	0.0340	0.0500	68	34 - 124	2567	BLANK
1,2,4-Trichlorobenzene	mg/l	< 0.00100	0.0270	0.0500	54	23 - 101	2567	BLANK
4-Chloro-3-methylphenol	mg/l	< 0.00110	0.0340	0.0500	68	20 - 125	2567	BLANK
Acenaphthene	mg/l	< 0.00110	0.0360	0.0500	72	33 - 116	2567	BLANK
2,4-dinitrotoluene	mg/l	< 0.00120	0.0500	0.0500	100	50 - 133	2567	BLANK
Pyrene	mg/l	< 0.00060	0.0730	0.0500	146#	42 - 128	2567	BLANK
2-Chlorophenol	mg/l	< 0.00050	0.0270	0.0500	54	10 - 131	2567	BLANK
4-Nitrophenol	mg/l	< 0.00070	0.0170	0.0500	34	10 - 87	2567	BLANK
Pentachlorophenol	mg/l	< 0.00640	0.0580	0.0500	116	10 - 165	2567	BLANK
BNA Surr-Nitrobenzene-d5	% Rec				57	25 - 121	2567	
BNA Surr-2-Fluorobiphenyl	% Rec				67	33 - 111	2567	
BNA Surr-Terphenyl-d14	% Rec				140	11 - 139	2567	
BNA Surr-Phenol-d5	% Rec				24	4 - 52	2567	
BNA Surr-2-Fluorophenol	% Rec				32	5 - 78	2567	

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 2
Laboratory Receipt Date: 3/30/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
BNA Surr-2,4,6-Tribromopheno% Rec					93	31 - 144	2567	
METALS								
Aluminum	mg/l	0.115	2.31	2.00	110	80 - 120	131	Duplicate
Antimony	mg/l	< 0.0100	0.0980	0.100	98	80 - 120	131	Duplicate
Arsenic	mg/l	< 0.0100	0.0510	0.0500	102	80 - 120	131	Duplicate
Barium	mg/l	0.0180	2.07	2.00	103	80 - 120	131	Dupl
Beryllium	mg/l	< 0.0040	0.0510	0.0500	102	80 - 120	131	Dupli e
Cadmium	mg/l	< 0.0010	0.0510	0.0500	102	80 - 120	131	Duplicate
Chromium	mg/l	0.0022	0.204	0.200	101	80 - 120	131	Duplicate
Cobalt	mg/l	< 0.0200	0.502	0.500	100	80 - 120	131	Duplicate
Copper	mg/l	< 0.0100	0.261	0.250	104	80 - 120	131	Duplicate
Iron	mg/l	0.130	1.14	1.00	101	80 - 120	131	Duplicate
Lead	mg/l	< 0.0050	0.0490	0.0500	98	80 - 120	131	Duplicate
Manganese	mg/l	0.0270	0.519	0.500	98	80 - 120	131	Duplicate
Mercury	mg/l	< 0.00020	0.00115	0.00100	115	80 - 120	133	04-A46935
Nickel	mg/l	< 0.0100	0.488	0.500	98	80 - 120	131	Duplicate
Selenium	mg/l	< 0.0100	0.0520	0.0500	104	80 - 120	131	Duplicate
Silver	mg/l	< 0.0050	0.0530	0.0500	106	80 - 120	131	Duplicate
Thallium	mg/l	< 0.0100	0.0530	0.0500	106	80 - 120	131	Duplicate
Vanadium	mg/l	< 0.0200	0.504	0.500	101	80 - 120	131	Duplicate
Zinc	mg/l	0.0025	0.480	0.500	96	80 - 120	131	Duplicate
MISC PARAMETERS								
Nitrate/Nitrite-N as N	mg/l	1.71	7.68	6.00	100	80 - 120	8432	04-A46935
Nitrate/Nitrite-N as N	mg/l	1.71	7.64	6.00	99	80 - 120	8432	04-A46935
Sulfate	mg/l	9.40	23.4	15.0	93	80 - 120	7795	04-A46935

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 3
Laboratory Receipt Date: 3/30/04

Methane	mg/L	< 0.026	1.38	1.33	104	40 - 140	7796	04-A46935

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0565	0.0616	8.64	21.	7896
Chlorobenzene	mg/l	0.0436	0.0466	6.65	19.	7896
1,1-Dichloroethene	mg/l	0.0570	0.0629	9.84	21.	7896
Toluene	mg/l	0.0436	0.0471	7.72	24.	7896
Trichloroethene	mg/l	0.0579	0.0625	7.64	21.	7896
Tetrachloroethene	mg/l	0.0422	0.0458	8.18	21.	7896
VOA Surr 1,2-DCA-d4	% Rec		102.			7896
VOA Surr Toluene-d8	% Rec		87.			7896
VOA Surr, 4-BFB	% Rec		106.			7896
VOA Surr, DBFM	% Rec		94.			7896
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/l	0.0260	0.0320	20.69	40.	2567
N-Nitroso-Di-n-Propylamine	mg/l	0.0340	0.0400	16.22	40.	2567
1,2,4-Trichlorobenzene	mg/l	0.0270	0.0310	13.79	44.	2567
4-Chloro-3-methylphenol	mg/l	0.0340	0.0380	11.11	39.	2567
Acenaphthene	mg/l	0.0360	0.0400	10.53	37.	2567
2,4-dinitrotoluene	mg/l	0.0500	0.0490	2.02	42.	2567
Pyrene	mg/l	0.0730	0.0700	4.20	36.	2567
2-Chlorophenol	mg/l	0.0270	0.0330	20.00	48.	2567
4-Nitrophenol	mg/l	0.0170	0.0180	5.71	53.	2567
Pentachlorophenol	mg/l	0.0580	0.0550	5.31	52.	2567
BNA Surr-Nitrobenzene-d5	% Rec		66.			2567
BNA Surr-2-Fluorobiphenyl	% Rec		79.			2567
BNA Surr-Terphenyl-d14	% Rec		136.			2567
BNA Surr-Phenol-d5	% Rec		29.			2567
BNA Surr-2-Fluorophenol	% Rec		40.			2567

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
BNA Surr-2,4,6-Tribromophenol	% Rec		93.			2567
MISC PARAMETERS						
Methane	mg/L	1.38	1.38	0.00	50	7796
Nitrate/Nitrite-N as N	mg/l	7.68	7.64	0.52	20	8432
Sulfate	mg/l	23.4	23.3	0.43	20	7795

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.302	121	55 - 144	7896
Benzene	mg/l	0.0500	0.0494	99	81 - 121	7896
Bromobenzene	mg/l	0.0500	0.0486	97	72 - 129	7896
Bromochloromethane	mg/l	0.0500	0.0494	99	75 - 137	7896
Bromoform	mg/l	0.0500	0.0489	98	54 - 127	7896
Bromomethane	mg/l	0.0500	0.0557	111	54 - 160	7896
2-Butanone	mg/l	0.250	0.290	116	62 - 146	7896
n-Butylbenzene	mg/l	0.0500	0.0490	98	68 - 139	7896
sec-Butylbenzene	mg/l	0.0500	0.0508	102	75 - 135	7896
tert-Butylbenzene	mg/l	0.0500	0.0510	102	73 - 135	7896
Carbon disulfide	mg/l	0.0500	0.0513	103	71 - 139	7896
Carbon tetrachloride	mg/l	0.0500	0.0511	102	70 - 131	7896
Chlorobenzene	mg/l	0.0500	0.0474	95	87 - 120	7896
Chloroethane	mg/l	0.0500	0.0529	106	65 - 145	7896
Chloroform	mg/l	0.0500	0.0500	100	77 - 128	7896
Chloromethane	mg/l	0.0500	0.0496	99	46 - 147	7896
2-Chlorotoluene	mg/l	0.0500	0.0506	101	78 - 128	7896

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
4-Chlorotoluene	mg/l	0.0500	0.0510	102	80 - 130	7896
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0548	110	55 - 135	7896
Dibromochloromethane	mg/l	0.0500	0.0546	109	63 - 132	7896
1,2-Dibromoethane	mg/l	0.0500	0.0524	105	77 - 136	7896
Dibromomethane	mg/l	0.0500	0.0527	105	75 - 133	7896
1,2-Dichlorobenzene	mg/l	0.0500	0.0453	91	83 - 126	7896
1,3-Dichlorobenzene	mg/l	0.0500	0.0466	93	85 - 124	7896
1,4-Dichlorobenzene	mg/l	0.0500	0.0443	89	83 - 122	7896
Dichlorodifluoromethane	mg/l	0.0500	0.0377	75	52 - 159	7896
1,1-Dichloroethane	mg/l	0.0500	0.0520	104	76 - 129	7896
1,2-Dichloroethane	mg/l	0.0500	0.0548	110	70 - 136	7896
1,1-Dichloroethene	mg/l	0.0500	0.0506	101	77 - 133	7896
cis-1,2-Dichloroethene	mg/l	0.0500	0.0534	107	76 - 129	7896
trans-1,2-Dichloroethene	mg/l	0.0500	0.0532	106	73 - 135	7896
1,2-Dichloropropane	mg/l	0.0500	0.0537	107	74 - 130	7896
1,3-Dichloropropane	mg/l	0.0500	0.0524	105	79 - 129	7896
2,2-Dichloropropane	mg/l	0.0500	0.0483	97	39 - 151	7896
1,1-Dichloropropene	mg/l	0.0500	0.0506	101	80 - 129	7896
cis-1,3-Dichloropropene	mg/l	0.0500	0.0537	107	59 - 136	7896
trans-1,3-Dichloropropene	mg/l	0.0500	0.0499	100	59 - 135	7896
Ethylbenzene	mg/l	0.0500	0.0483	97	78 - 126	7896
Ethylbenzene	mg/l	0.0500	0.0483	97	78 - 126	7911
Hexachlorobutadiene	mg/l	0.0500	0.0471	94	60 - 142	7896
2-Hexanone	mg/l	0.250	0.345	138	61 - 148	7896
Isopropylbenzene	mg/l	0.0500	0.0532	106	74 - 134	7896
p-Isopropyltoluene	mg/l	0.0500	0.0476	95	79 - 130	7896
4-Methyl-2-pentanone	mg/l	0.250	0.317	127	59 - 147	7896
Methylene chloride	mg/l	0.0500	0.0544	109	68 - 132	7896
Naphthalene	mg/l	0.0500	0.0540	108	53 - 152	7896
n-Propylbenzene	mg/l	0.0500	0.0514	103	73 - 134	7896
Styrene	mg/l	0.0500	0.0535	107	78 - 134	7896

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0515	103	75 - 131	7896
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0534	107	62 - 142	7896
Tetrachloroethene	mg/l	0.0500	0.0462	92	77 - 129	7896
Toluene	mg/l	0.0500	0.0472	94	77 - 125	7896
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0493	99	54 - 155	7896
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0475	95	61 - 145	7896
1,1,1-Trichloroethane	mg/l	0.0500	0.0512	102	66 - 139	7896
1,1,2-Trichloroethane	mg/l	0.0500	0.0534	107	77 - 132	7896
Trichloroethene	mg/l	0.0500	0.0490	98	80 - 132	7896
Trichloroethene	mg/l	0.0500	0.0420	84	80 - 132	7918
1,2,3-Trichloropropane	mg/l	0.0500	0.0558	112	54 - 144	7896
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0473	95	74 - 130	7896
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0473	95	74 - 130	7911
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0498	100	77 - 131	7896
Vinyl chloride	mg/l	0.0500	0.0499	100	69 - 139	7896
Xylenes (Total)	mg/l	0.150	0.154	103	78 - 127	7896
Xylenes (Total)	mg/l	0.150	0.154	103	78 - 127	7911
Bromodichloromethane	mg/l	0.0500	0.0536	107	67 - 135	7896
Trichlorofluoromethane	mg/l	0.0500	0.0489	98	64 - 143	7896
Methane	mg/L	1.33	1.30	98	79 - 121	7796
VOA Surr 1,2-DCA-d4	% Rec			100	71 - 128	7896
VOA Surr 1,2-DCA-d4	% Rec			100	71 - 128	7911
VOA Surr 1,2-DCA-d4	% Rec			97	71 - 128	7918
VOA Surr Toluene-d8	% Rec			97	77 - 119	7896
VOA Surr Toluene-d8	% Rec			97	77 - 119	7911
VOA Surr Toluene-d8	% Rec			107	77 - 119	7918
VOA Surr, 4-BFB	% Rec			107	79 - 123	7896
VOA Surr, 4-BFB	% Rec			107	79 - 123	7911
VOA Surr, 4-BFB	% Rec			111	79 - 123	7918
VOA Surr, DBFM	% Rec			96	78 - 124	7896
VOA Surr, DBFM	% Rec			96	78 - 124	7911

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			82	78 - 124	7918
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.0500	0.0280	56	43 - 108	2567
Acenaphthylene	mg/l	0.0500	0.0280	56	43 - 110	2567
Anthracene	mg/l	0.0500	0.0300	60	51 - 124	2567
Benzoic Acid	mg/l	0.0500	0.0160	32	11 - 68	2567
Benzo(a)anthracene	mg/l	0.0500	0.0380	76	47 - 128	2567
Benzo(a)pyrene	mg/l	0.0500	0.0390	78	48 - 125	2567
Benzo(b)fluoranthene	mg/l	0.0500	0.0420	84	45 - 123	2567
Benzo(g,h,i)perylene	mg/l	0.0500	0.0310	62	32 - 139	2567
Benzo(k)fluoranthene	mg/l	0.0500	0.0360	72	48 - 131	2567
4-Bromophenyl-phenylether	mg/l	0.0500	0.0270	54	53 - 124	2567
Butylbenzylphthalate	mg/l	0.0500	0.0510	102	45 - 136	2567
Carbazole	mg/l	0.0500	0.0310	62	47 - 115	2567
4-Chloro-3-methylphenol	mg/l	0.0500	0.0280	56	41 - 121	2567
4-Chloroaniline	mg/l	0.0500	0.0280	56	32 - 109	2567
Bis(2-chloroethoxy)methane	mg/l	0.0500	0.0330	66	44 - 113	2567
Bis(2-chloroethyl)ether	mg/l	0.0500	0.0270	54	37 - 114	2567
Bis(2-chloroisopropyl)ether	mg/l	0.0500	0.0280	56	37 - 111	2567
2-Chloronaphthalene	mg/l	0.0500	0.0270	54	37 - 108	2567
4-Chlorophenyl-phenylether	mg/l	0.0500	0.0290	58	47 - 121	2567
Chrysene	mg/l	0.0500	0.0390	78	47 - 128	2567
Dibenzofuran	mg/l	0.0500	0.0290	58	44 - 115	2567
Dibenz(a,h)anthracene	mg/l	0.0500	0.0370	74	40 - 135	2567
1,2-Dichlorobenzene	mg/l	0.0500	0.0260	52	40 - 95	2567
1,3-Dichlorobenzene	mg/l	0.0500	0.0250	50	38 - 91	2567
1,4-Dichlorobenzene	mg/l	0.0500	0.0240	48	38 - 92	2567
3,3'-Dichlorobenzidine	mg/l	0.0500	0.0370	74	39 - 159	2567
Diethylphthalate	mg/l	0.0500	0.0300	60	49 - 130	2567
Dimethylphthalate	mg/l	0.0500	0.0290	58	51 - 126	2567
2,4-dinitrotoluene	mg/l	0.0500	0.0290	58	55 - 130	2567

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2,6-Dinitrotoluene	mg/l	0.0500	0.0290	58	51 - 132	2567
Di-n-octylphthalate	mg/l	0.0500	0.110	220 #	41 - 140	2567
Fluoranthene	mg/l	0.0500	0.0300	60	54 - 125	2567
Fluorene	mg/l	0.0500	0.0290	58	46 - 120	2567
Hexachlorobenzene	mg/l	0.0500	0.0300	60	54 - 128	2567
Hexachlorobutadiene	mg/l	0.0500	0.0260	52	37 - 98	2567
Hexachlorocyclopentadiene	mg/l	0.0500	0.0180	36	24 - 85	2567
Hexachloroethane	mg/l	0.0500	0.0240	48	36 - 91	2567
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0340	68	35 - 138	2567
Isophorone	mg/l	0.0500	0.0310	62	44 - 113	2567
2-Methylnaphthalene	mg/l	0.0500	0.0290	58	42 - 114	2567
Naphthalene	mg/l	0.0500	0.0260	52	31 - 101	2567
2-Nitroaniline	mg/l	0.0500	0.0300	60	44 - 109	2567
3-Nitroaniline	mg/l	0.0500	0.0290	58	41 - 112	2567
4-Nitroaniline	mg/l	0.0500	0.0300	60	44 - 116	2567
Nitrobenzene	mg/l	0.0500	0.0290	58	34 - 117	2567
N-Nitroso-Di-n-Propylamine	mg/l	0.0500	0.0310	62	40 - 120	2567
N-Nitrosodiphenylamine	mg/l	0.0500	0.0300	60	56 - 126	2567
Phenanthrene	mg/l	0.0500	0.0290	58	52 - 120	2567
Pyrene	mg/l	0.0500	0.0390	78	46 - 128	2567
Bis(2-ethylhexyl)phthalate	mg/l	0.0500	0.0790	158 #	45 - 136	2567
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0240	48	40 - 99	2567
2,4,6-Trichlorophenol	mg/l	0.0500	0.0270	54	32 - 133	2567
Benzyl alcohol	mg/l	0.0500	0.0280	56	18 - 123	2567
2-Chlorophenol	mg/l	0.0500	0.0260	52	32 - 122	2567
2,4-Dichlorophenol	mg/l	0.0500	0.0260	52	41 - 130	2567
2,4-Dimethylphenol	mg/l	0.0500	0.0280	56	40 - 109	2567
4,6-Dinitro-2-methylphenol	mg/l	0.0500	0.0340	68	35 - 140	2567
2,4-Dinitrophenol	mg/l	0.0500	0.0320	64	47 - 128	2567
2-Methylphenol	mg/l	0.0500	0.0250	50	26 - 104	2567
3 and 4-Methylphenol	mg/l	0.0500	0.0240	48	24 - 99	2567

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Nitrophenol	mg/l	0.0500	0.0270	54	32 - 125	2567
4-Nitrophenol	mg/l	0.0500	0.0280	56	12 - 82	2567
Pentachlorophenol	mg/l	0.0500	0.0340	68	36 - 136	2567
Phenol	mg/l	0.0500	0.0120	24	20 - 59	2567
2,4,5-Trichlorophenol	mg/l	0.0500	0.0300	60	36 - 132	2567
BNA Surr-Nitrobenzene-d5	% Rec			52	25 - 121	2567
BNA Surr-2-Fluorobiphenyl	% Rec			54	33 - 111	2567
BNA Surr-Terphenyl-d14	% Rec			74	11 - 139	2567
BNA Surr-Phenol-d5	% Rec			22	4 - 52	2567
BNA Surr-2-Fluorophenol	% Rec			29	5 - 78	2567
BNA Surr-2,4,6-Tribromophenol	% Rec			59	31 - 144	2567
METALS						
Aluminum	mg/l	2.00	2.24	112	80 - 120	131
Antimony	mg/l	0.100	0.100	100	80 - 120	131
Arsenic	mg/l	0.0500	0.0520	104	80 - 120	131
Barium	mg/l	2.00	2.11	106	80 - 120	131
Beryllium	mg/l	0.0500	0.0520	104	80 - 120	131
Cadmium	mg/l	0.0500	0.0520	104	80 - 120	131
Calcium	mg/l	5.00	5.10	102	80 - 120	131
Chromium	mg/l	0.200	0.207	104	80 - 120	131
Cobalt	mg/l	0.500	0.513	103	80 - 120	131
Copper	mg/l	0.250	0.265	106	80 - 120	131
Iron	mg/l	1.00	1.07	107	80 - 120	131
Lead	mg/l	0.0500	0.0510	102	80 - 120	131
Magnesium	mg/l	5.00	5.04	101	80 - 120	131
Manganese	mg/l	0.500	0.521	104	80 - 120	131
Mercury	mg/l	0.00100	0.00110	110	76 - 123	133
Nickel	mg/l	0.500	0.499	100	80 - 120	131
Potassium	mg/l	5.00	4.59	92	80 - 120	131
Selenium	mg/l	0.0500	0.0540	108	80 - 120	131
Silver	mg/l	0.0500	0.0560	112	80 - 120	131

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Sodium	mg/l	5.00	4.97	99	80 - 120	131
Thallium	mg/l	0.0500	0.0520	104	80 - 120	131
Vanadium	mg/l	0.500	0.516	103	80 - 120	131
Zinc	mg/l	0.500	0.484	97	80 - 120	131
MISC PARAMETERS						
Nitrate/Nitrite-N as N	mg/l	6.00	5.99	100	66 - 132	8432
Sulfate	mg/l	15.0	14.7	98	90 - 110	7795

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Aluminum	mg/l	0.128	0.115	10.70	15.	131	04-A46935
Antimony	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Arsenic	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Barium	mg/l	0.0200	0.0180	10.53	15.	131	04-A46935
Beryllium	mg/l	< 0.0040	< 0.0040	N/A	15.	131	04-A46935
Cadmium	mg/l	< 0.0010	< 0.0010	N/A	15.	131	04-A46935
Calcium	mg/l	8.30	7.87	5.32	15.	131	04-A46935
Chromium	mg/l	0.0025	0.0022	12.77	15.	131	04-A46935
Cobalt	mg/l	< 0.0200	< 0.0200	N/A	15.	131	04-A46935
Copper	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Iron	mg/l	0.138	0.130	5.97	15.	131	04-A46935
Lead	mg/l	< 0.0050	< 0.0050	N/A	15.	131	04-A46935
Magnesium	mg/l	2.25	2.13	5.48	15.	131	04-A46935
Manganese	mg/l	0.0120	0.0270	76.92 #	15.	131	04-A46935
Nickel	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Potassium	mg/l	1.40	1.30	7.41	15.	131	04-A46935

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Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Selenium	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Silver	mg/l	< 0.0050	< 0.0050	N/A	15.	131	04-A46935
Sodium	mg/l	34.6	30.4	12.92	15.	131	04-A46935
Thallium	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Vanadium	mg/l	< 0.0200	< 0.0200	N/A	15.	131	04-A46935
Zinc	mg/l	0.0096	0.0025	117.36 #	15.	131	04-A46935
pH	pH Units	6.50	6.40	1.55	15.	7797	04-A46938
Sulfate	mg/l	7.90	7.50	5.19	15.	7795	04-A46998

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	7896	4/ 6/04	17:33
Benzene	< 0.0005	mg/l	7896	4/ 6/04	17:33
Bromobenzene	< 0.00030	mg/l	7896	4/ 6/04	17:33
Bromochloromethane	< 0.00030	mg/l	7896	4/ 6/04	17:33
Bromoform	< 0.00060	mg/l	7896	4/ 6/04	17:33
Bromomethane	< 0.00060	mg/l	7896	4/ 6/04	17:33
2-Butanone	< 0.00310	mg/l	7896	4/ 6/04	17:33
n-Butylbenzene	0.00050	mg/l	7896	4/ 6/04	17:33
sec-Butylbenzene	< 0.00030	mg/l	7896	4/ 6/04	17:33
tert-Butylbenzene	< 0.00030	mg/l	7896	4/ 6/04	17:33
Carbon disulfide	< 0.00020	mg/l	7896	4/ 6/04	17:33
Carbon tetrachloride	< 0.00040	mg/l	7896	4/ 6/04	17:33
Chlorobenzene	< 0.00020	mg/l	7896	4/ 6/04	17:33
Chloroethane	< 0.00100	mg/l	7896	4/ 6/04	17:33
Chloroform	< 0.00080	mg/l	7896	4/ 6/04	17:33

ject QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 12
Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Chloromethane	< 0.00070	mg/l	7896	4/ 6/04	17:33
2-Chlorotoluene	< 0.00040	mg/l	7896	4/ 6/04	17:33
4-Chlorotoluene	< 0.00050	mg/l	7896	4/ 6/04	17:33
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	7896	4/ 6/04	17:33
Dibromochloromethane	< 0.00050	mg/l	7896	4/ 6/04	17:33
1,2-Dibromoethane	< 0.00040	mg/l	7896	4/ 6/04	17:33
Dibromomethane	< 0.00090	mg/l	7896	4/ 6/04	17:33
1,2-Dichlorobenzene	< 0.00020	mg/l	7896	4/ 6/04	17:33
1,3-Dichlorobenzene	< 0.00030	mg/l	7896	4/ 6/04	17:33
1,4-Dichlorobenzene	< 0.00040	mg/l	7896	4/ 6/04	17:33
Dichlorodifluoromethane	< 0.00050	mg/l	7896	4/ 6/04	17:33
1,1-Dichloroethane	< 0.00020	mg/l	7896	4/ 6/04	17:33
1,2-Dichloroethane	< 0.00060	mg/l	7896	4/ 6/04	17:33
1,1-Dichloroethene	< 0.00060	mg/l	7896	4/ 6/04	17:33
cis-1,2-Dichloroethene	< 0.00060	mg/l	7896	4/ 6/04	17:33
trans-1,2-Dichloroethene	< 0.00050	mg/l	7896	4/ 6/04	17:33
1,2-Dichloropropane	< 0.00040	mg/l	7896	4/ 6/04	17:33
1,3-Dichloropropane	< 0.00040	mg/l	7896	4/ 6/04	17:33
2,2-Dichloropropane	< 0.00040	mg/l	7896	4/ 6/04	17:33
1,1-Dichloropropene	< 0.00050	mg/l	7896	4/ 6/04	17:33
cis-1,3-Dichloropropene	< 0.00030	mg/l	7896	4/ 6/04	17:33
trans-1,3-Dichloropropene	< 0.00050	mg/l	7896	4/ 6/04	17:33
Ethylbenzene	< 0.0003	mg/l	7896	4/ 6/04	17:33
Ethylbenzene	< 0.0003	mg/l	7911	4/ 6/04	17:33
Hexachlorobutadiene	< 0.00080	mg/l	7896	4/ 6/04	17:33
2-Hexanone	< 0.00420	mg/l	7896	4/ 6/04	17:33
Isopropylbenzene	< 0.00040	mg/l	7896	4/ 6/04	17:33
p-Isopropyltoluene	< 0.00060	mg/l	7896	4/ 6/04	17:33
4-Methyl-2-pentanone	< 0.00490	mg/l	7896	4/ 6/04	17:33
Methylene chloride	< 0.00240	mg/l	7896	4/ 6/04	17:33
Naphthalene	< 0.00120	mg/l	7896	4/ 6/04	17:33

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 13
Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
n-Propylbenzene	< 0.00030	mg/l	7896	4/ 6/04	17:33
Styrene	< 0.00040	mg/l	7896	4/ 6/04	17:33
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	7896	4/ 6/04	17:33
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	7896	4/ 6/04	17:33
Tetrachloroethene	< 0.00040	mg/l	7896	4/ 6/04	17:33
Toluene	< 0.0006	mg/l	7896	4/ 6/04	17:33
1,2,3-Trichlorobenzene	< 0.00100	mg/l	7896	4/ 6/04	17:33
1,2,4-Trichlorobenzene	< 0.00060	mg/l	7896	4/ 6/04	17:33
1,1,1-Trichloroethane	< 0.00070	mg/l	7896	4/ 6/04	17:33
1,1,2-Trichloroethane	< 0.00040	mg/l	7896	4/ 6/04	17:33
Trichloroethene	< 0.00040	mg/l	7896	4/ 6/04	17:33
Trichloroethene	< 0.00040	mg/l	7918	4/ 7/04	18:14
1,2,3-Trichloropropane	< 0.00060	mg/l	7896	4/ 6/04	17:33
1,2,4-Trimethylbenzene	< 0.0003	mg/l	7896	4/ 6/04	17:33
1,2,4-Trimethylbenzene	< 0.0003	mg/l	7911	4/ 6/04	17:33
1,3,5-Trimethylbenzene	< 0.00100	mg/l	7896	4/ 6/04	17:33
Vinyl chloride	< 0.00050	mg/l	7896	4/ 6/04	17:33
Xylenes (Total)	< 0.0009	mg/l	7896	4/ 6/04	17:33
Xylenes (Total)	< 0.0009	mg/l	7911	4/ 6/04	17:33
Bromodichloromethane	< 0.00030	mg/l	7896	4/ 6/04	17:33
Trichlorofluoromethane	< 0.00040	mg/l	7896	4/ 6/04	17:33
VOA Surr 1,2-DCA-d4	101.	% Rec	7896	4/ 6/04	17:33
VOA Surr 1,2-DCA-d4	101.	% Rec	7911	4/ 6/04	17:33
VOA Surr 1,2-DCA-d4	97.	% Rec	7918	4/ 7/04	18:14
VOA Surr Toluene-d8	94.	% Rec	7896	4/ 6/04	17:33
VOA Surr Toluene-d8	94.	% Rec	7911	4/ 6/04	17:33
VOA Surr Toluene-d8	107.	% Rec	7918	4/ 7/04	18:14
VOA Surr, 4-BFB	111.	% Rec	7896	4/ 6/04	17:33
VOA Surr, 4-BFB	111.	% Rec	7911	4/ 6/04	17:33
VOA Surr, 4-BFB	107.	% Rec	7918	4/ 7/04	18:14
VOA Surr, DBFM	88.	% Rec	7896	4/ 6/04	17:33

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT

Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
VOA Surr, DBFM	88.	% Rec	7911	4/ 6/04	17:33
VOA Surr, DBFM	80.	% Rec	7918	4/ 7/04	18:14
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00110	mg/l	2567	4/ 2/04	19:14
Acenaphthylene	< 0.0011	mg/l	2567	4/ 2/04	19:14
Anthracene	< 0.00110	mg/l	2567	4/ 2/04	19:14
Benzoic Acid	< 0.00290	mg/l	2567	4/ 2/04	19:14
Benzo(a)anthracene	< 0.00120	mg/l	2567	4/ 2/04	19:14
Benzo(a)pyrene	< 0.00120	mg/l	2567	4/ 2/04	19:14
Benzo(b)fluoranthene	< 0.00100	mg/l	2567	4/ 2/04	19:14
Benzo(g,h,i)perylene	< 0.00120	mg/l	2567	4/ 2/04	19:14
Benzo(k)fluoranthene	< 0.00050	mg/l	2567	4/ 2/04	19:14
4-Bromophenyl-phenylether	< 0.00060	mg/l	2567	4/ 2/04	19:14
Butylbenzylphthalate	< 0.00060	mg/l	2567	4/ 2/04	19:14
Carbazole	< 0.00120	mg/l	2567	4/ 2/04	19:14
4-Chloro-3-methylphenol	< 0.00110	mg/l	2567	4/ 2/04	19:14
4-Chloroaniline	< 0.00120	mg/l	2567	4/ 2/04	19:14
Bis(2-chloroethoxy)methane	< 0.00110	mg/l	2567	4/ 2/04	19:14
Bis(2-chloroethyl)ether	< 0.00050	mg/l	2567	4/ 2/04	19:14
Bis(2-chloroisopropyl)ether	< 0.00050	mg/l	2567	4/ 2/04	19:14
2-Chloronaphthalene	< 0.00110	mg/l	2567	4/ 2/04	19:14
2-Chlorophenol	< 0.00050	mg/l	2567	4/ 2/04	19:14
4-Chlorophenyl-phenylether	< 0.00120	mg/l	2567	4/ 2/04	19:14
Chrysene	< 0.00060	mg/l	2567	4/ 2/04	19:14
Dibenzofuran	< 0.00120	mg/l	2567	4/ 2/04	19:14
Dibenz(a,h)anthracene	< 0.00060	mg/l	2567	4/ 2/04	19:14
1,2-Dichlorobenzene	< 0.00050	mg/l	2567	4/ 2/04	19:14
1,3-Dichlorobenzene	< 0.00060	mg/l	2567	4/ 2/04	19:14
1,4-Dichlorobenzene	< 0.00060	mg/l	2567	4/ 2/04	19:14
3,3'-Dichlorobenzidine	< 0.00170	mg/l	2567	4/ 2/04	19:14
2,4-Dichlorophenol	< 0.00120	mg/l	2567	4/ 2/04	19:14

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT

Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Diethylphthalate	< 0.00130	mg/l	2567	4/ 2/04	19:14
2,4-Dimethylphenol	< 0.00100	mg/l	2567	4/ 2/04	19:14
Dimethylphthalate	< 0.00120	mg/l	2567	4/ 2/04	19:14
Di-n-Butylphthalate	< 0.00130	mg/l	2567	4/ 2/04	19:14
4,6-Dinitro-2-methylphenol	< 0.00300	mg/l	2567	4/ 2/04	19:14
2,4-Dinitrophenol	< 0.00060	mg/l	2567	4/ 2/04	19:14
2,4-dinitrotoluene	< 0.00120	mg/l	2567	4/ 2/04	19:14
2,6-Dinitrotoluene	< 0.0100	mg/l	2567	4/ 2/04	19:14
Di-n-octylphthalate	< 0.00140	mg/l	2567	4/ 2/04	19:14
Fluoranthene	< 0.00130	mg/l	2567	4/ 2/04	19:14
Fluorene	< 0.00100	mg/l	2567	4/ 2/04	19:14
Hexachlorobenzene	< 0.00050	mg/l	2567	4/ 2/04	19:14
Hexachlorobutadiene	< 0.00050	mg/l	2567	4/ 2/04	19:14
Hexachlorocyclopentadiene	< 0.00060	mg/l	2567	4/ 2/04	19:14
Hexachloroethane	< 0.00060	mg/l	2567	4/ 2/04	19:14
Indeno(1,2,3-cd)pyrene	< 0.00110	mg/l	2567	4/ 2/04	19:14
Isophorone	< 0.00110	mg/l	2567	4/ 2/04	19:14
2-Methylnaphthalene	< 0.00130	mg/l	2567	4/ 2/04	19:14
2-Methylphenol	< 0.00110	mg/l	2567	4/ 2/04	19:14
3 and 4-Methylphenol	< 0.00120	mg/l	2567	4/ 2/04	19:14
Naphthalene	< 0.00160	mg/l	2567	4/ 2/04	19:14
2-Nitroaniline	< 0.00040	mg/l	2567	4/ 2/04	19:14
3-Nitroaniline	< 0.00120	mg/l	2567	4/ 2/04	19:14
4-Nitroaniline	< 0.00080	mg/l	2567	4/ 2/04	19:14
Nitrobenzene	< 0.00100	mg/l	2567	4/ 2/04	19:14
2-Nitrophenol	< 0.00050	mg/l	2567	4/ 2/04	19:14
4-Nitrophenol	< 0.00070	mg/l	2567	4/ 2/04	19:14
N-Nitroso-Di-n-Propylamine	< 0.00050	mg/l	2567	4/ 2/04	19:14
N-Nitrosodiphenylamine	< 0.00120	mg/l	2567	4/ 2/04	19:14
Pentachlorophenol	< 0.00640	mg/l	2567	4/ 2/04	19:14
Phenanthrene	< 0.00050	mg/l	2567	4/ 2/04	19:14

oject QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
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Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Phenol	< 0.00190	mg/l	2567	4/ 2/04	19:14
Pyrene	< 0.00060	mg/l	2567	4/ 2/04	19:14
Bis(2-ethylhexyl)phthalate	< 0.00140	mg/l	2567	4/ 2/04	19:14
1,2,4-Trichlorobenzene	< 0.00100	mg/l	2567	4/ 2/04	19:14
2,4,5-Trichlorophenol	< 0.00110	mg/l	2567	4/ 2/04	19:14
2,4,6-Trichlorophenol	< 0.00100	mg/l	2567	4/ 2/04	19:14
Benzyl alcohol	< 0.0019	mg/l	2567	4/ 2/04	19:14
BNA Surr-Nitrobenzene-d5	66.	% Rec	2567	4/ 2/04	19:14
BNA Surr-2-Fluorobiphenyl	70.	% Rec	2567	4/ 2/04	19:14
BNA Surr-Terphenyl-d14	178.	% Rec	2567	4/ 2/04	19:14
BNA Surr-Phenol-d5	31.	% Rec	2567	4/ 2/04	19:14
BNA Surr-2-Fluorophenol	41.	% Rec	2567	4/ 2/04	19:14
BNA Surr-2,4,6-Tribromophenol	95.	% Rec	2567	4/ 2/04	19:14
METALS					
Aluminum	0.0160	mg/l	131	4/ 2/04	8:51
Antimony	< 0.0042	mg/l	131	4/ 2/04	8:51
Arsenic	< 0.0042	mg/l	131	4/ 2/04	8:51
Barium	< 0.0002	mg/l	131	4/ 2/04	8:51
Beryllium	< 0.0005	mg/l	131	4/ 2/04	8:51
Cadmium	< 0.0005	mg/l	131	4/ 2/04	8:51
Calcium	< 0.0098	mg/l	131	4/ 2/04	8:51
Chromium	< 0.0013	mg/l	131	4/ 2/04	8:51
Cobalt	< 0.0016	mg/l	131	4/ 2/04	8:51
Copper	< 0.0016	mg/l	131	4/ 2/04	8:51
Iron	< 0.0150	mg/l	131	4/ 2/04	8:51
Lead	< 0.0029	mg/l	131	4/ 2/04	8:51
Magnesium	< 0.0180	mg/l	131	4/ 2/04	8:51
Manganese	< 0.0005	mg/l	131	4/ 2/04	8:51
Mercury	< 0.00015	mg/l	133	4/ 2/04	9:43
Nickel	< 0.0032	mg/l	131	4/ 2/04	8:51
Potassium	< 0.120	mg/l	131	4/ 2/04	8:51

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 17
Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Selenium	< 0.0036	mg/l	131	4/ 2/04	8:51
Silver	< 0.0007	mg/l	131	4/ 2/04	8:51
Sodium	< 0.176	mg/l	131	4/ 2/04	8:51
Thallium	< 0.0019	mg/l	131	4/ 2/04	8:51
Vanadium	< 0.0014	mg/l	131	4/ 2/04	8:51
Zinc	< 0.0013	mg/l	131	4/ 2/04	8:51
MISC PARAMETERS					
Nitrate/Nitrite-N as N	< 0.100	mg/l	8432	3/30/04	18:33
Sulfate	< 1.00	mg/l	7795	3/31/04	23:29
Methane	< 0.026	mg/L	7796	4/ 1/04	14:44

End of Report for Project 369521

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Nashville Division



COOLER RECEIPT FORM BC#

Client Name : SAIC

Cooler Received/Opened On: 3/30/04 **Accessioned By:** Mark Beasley

M. Bly
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 3.0 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... (YES)...NO...NA
   a. If yes, how many, what kind and where: 2 Front/Side
3. Were custody seals on containers and intact?..... (NO)...YES...NA
4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA
5. Were custody papers inside cooler?..... (YES)...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA
7. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA
12. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA
13. Were correct containers used for the analysis requested?..... (YES)...NO...NA
14. a. Were VOA vials received?..... (YES)...NO...NA
    b. Was there any observable head space present in any VOA vial?..... (NO)...YES...NA
15. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA
16. Were correct preservatives used?..... (YES)...NO...NA

    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... (NO)...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

0463	0491				
UPS	Velocity	Airborne	Route	Off-street	(Fedex) Misc.

19. If a Non-Conformance exists, see attached or comments below:

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4/ 9/04 CASE NARRATIVE

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: GABRESKI AIRPORT
Project Number: .
Laboratory Project Number: 369531.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW07-EB01	04-A46994	3/28/04
MW07-GW106	04-A46995	3/28/04
MW07-TB04	04-A46996	3/28/04
MW07-GW105	04-A46997	3/28/04
MW07-GW104	04-A46998	3/28/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: _____ Report Date: 4/ 8/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: 11342

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46994
Sample ID: MW07-EB01
Sample Type: Ground water
Site ID:

Date Collected: 3/28/04
Time Collected: 12:30
Date Received: 3/30/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Acenaphthylene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Anthracene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzoic Acid	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzo(a)anthracene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzo(a)pyrene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzo(b)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzo(k)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Butylbenzylphthalate	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Carbazole	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Chloroaniline	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Chloronaphthalene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Chlorophenol	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Chrysene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Dibenzofuran	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
1,2-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
1,3-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
1,4-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46994
Sample ID: MW07-EB01
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4-Dichlorophenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Diethylphthalate	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4-Dimethylphenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Dimethylphthalate	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Di-n-Butylphthalate	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4-Dinitrophenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4-dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,6-Dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Di-n-octylphthalate	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Fluoranthene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Fluorene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Hexachlorobenzene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Hexachlorobutadiene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Hexachloroethane	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Isophorone	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Methylnaphthalene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
3 and 4-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Naphthalene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
3-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Nitrobenzene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
4-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Pentachlorophenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Phenanthrene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Phenol	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Pyrene	ND		ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Bis(2-ethylhexyl)phthalate	1.60	J	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46994
Sample ID: MW07-EB01
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
Benzyl alcohol	ND	ug/L	10.0	1	4/ 2/04	19:54	R. Beard	8270C	2564
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
Benzene	ND	ug/L	1.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Bromoform	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Chloroform	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46994
Sample ID: MW07-EB01
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	0:41	C. Spry	8260B	7045
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Styrene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Toluene	1.5	ug/L	1.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	0:41	C. Spry	8260B	7045
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	0:41	C. Spry	8260B	7045
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	4/ 1/04	14:29	K. Roberso	RSK175M	7855

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46994
Sample ID: MW07-EB01
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS									
Aluminum	ND	ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND	ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND	ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	ND	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND	ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND	ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	ND	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND	ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	ND	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	ND	ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND	ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	ND	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND	ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	ND	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND	ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	ND	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY									
Nitrate/Nitrite-N as N	ND	mg/l	0.100	1	3/30/04	18:39	W. Choate	353.2	8432
Sulfate	ND	mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY									
pH	6.1				3/30/04	14:15	M. Ricke	9040/150.1	7856

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46994
Sample ID: MW07-EB01
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	95.	77. - 119.
VOA Surr, 4-BFB	96.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.
BNA Surr-Nitrobenzene-d5	49.	25. - 121.
BNA Surr-2-Fluorobiphenyl	53.	33. - 111.
BNA Surr-Terphenyl-d14	73.	11. - 139.
BNA Surr-Phenol-d5	20.	4. - 52.
BNA Surr-2-Fluorophenol	28.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	65.	31. - 144.
Surr - Acetylene	108.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46995
Sample ID: MW07-GW106
Sample Type: Ground water
Site ID:

Date Collected: 3/28/04
Time Collected: 10:05
Date Received: 3/30/04
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Acenaphthylene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Anthracene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzoic Acid	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzo(a)anthracene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzo(a)pyrene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzo(b)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzo(k)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Butylbenzylphthalate	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Carbazole	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Chloroaniline	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Chloronaphthalene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Chlorophenol	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Chrysene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Dibenzofuran	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
1,2-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
1,3-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
1,4-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564

mple report continued . . .

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 04-A46995
Sample ID: MW07-GW106
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4-Dichlorophenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Diethylphthalate	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4-Dimethylphenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Dimethylphthalate	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Di-n-Butylphthalate	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4-Dinitrophenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4-dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,6-Dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Di-n-octylphthalate	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Fluoranthene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Fluorene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Hexachlorobenzene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Hexachlorobutadiene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Hexachloroethane	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Isophorone	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Methylnaphthalene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
3 and 4-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Naphthalene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
3-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Nitrobenzene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
4-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Pentachlorophenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Phenanthrene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Phenol	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Pyrene	ND		ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Bis(2-ethylhexyl)phthalate	2.20	J	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46995
Sample ID: MW07-GW106
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
Benzyl alcohol	ND	ug/L	10.0	1	4/ 2/04	20:31	R. Beard	8270C	2564
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
Benzene	ND	ug/L	1.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Bromoform	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Chloroform	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46995
Sample ID: MW07-GW106
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	1:44	C. Spry	8260B	7045
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Styrene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Toluene	ND	ug/L	1.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	1:44	C. Spry	8260B	7045
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	1:44	C. Spry	8260B	7045
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	4/ 1/04	14:32	K. Roberso	RSK175M	7855

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46995
Sample ID: MW07-GW106
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	520.		ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	22.0		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	4960		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	4.1	J	ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	2.1	J	ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	4.5	J	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	2610		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	1220		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	72.0		ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	354.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	3480		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	14.0	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.560		mg/l	0.100	1	3/30/04	18:40	W. Choate	353.2	8432
Sulfate	5.76		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.4					3/30/04	14:15	M. Ricke	9040/150.1	7856

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46995
Sample ID: MW07-GW106
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	95.	71. - 128.
VOA Surr Toluene-d8	97.	77. - 119.
VOA Surr, 4-BFB	96.	79. - 123.
VOA Surr, DBFM	97.	78. - 124.
BNA Surr-Nitrobenzene-d5	65.	25. - 121.
BNA Surr-2-Fluorobiphenyl	66.	33. - 111.
BNA Surr-Terphenyl-d14	73.	11. - 139.
BNA Surr-Phenol-d5	24.	4. - 52.
BNA Surr-2-Fluorophenol	35.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	79.	31. - 144.
Surr - Acetylene	120.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46996
Sample ID: MW07-TB04
Sample Type: Ground water
Site ID:

Date Collected: 3/28/04
Time Collected: 7:00
Date Received: 3/30/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
Benzene	ND	ug/L	1.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Bromoform	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Chloroform	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46996
Sample ID: MW07-TB04
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	1:12	C. Spry	8260B	7045
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Styrene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Toluene	ND	ug/L	1.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	1:12	C. Spry	8260B	7045
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46996
Sample ID: MW07-TB04
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	1:12	C. Spry	8260B	7045

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	93.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	97.	79. - 123.
VOA Surr, DBFM	95.	78. - 124.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46997
Sample ID: MW07-GW105
Sample Type: Ground water
Site ID:

Date Collected: 3/28/04
Time Collected: 10:40
Date Received: 3/30/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Acenaphthylene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Anthracene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzoic Acid	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzo(a)anthracene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzo(a)pyrene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzo(b)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzo(k)fluoranthene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Butylbenzylphthalate	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Carbazole	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Chloroaniline	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Chloronaphthalene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Chlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Chrysene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Dibenzofuran	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
1,2-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
1,3-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
1,4-Dichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46997
Sample ID: MW07-GW105
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4-Dichlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Diethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4-Dimethylphenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Dimethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Di-n-Butylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4-Dinitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4-dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,6-Dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Di-n-octylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Fluoranthene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Fluorene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Hexachlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Hexachlorobutadiene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Hexachloroethane	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Isophorone	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Methylnaphthalene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
3 and 4-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Naphthalene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
3-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Nitrobenzene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
4-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Pentachlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Phenanthrene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Phenol	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Pyrene	ND		ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Bis(2-ethylhexyl)phthalate	2.00	J	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46997
Sample ID: MW07-GW105
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
Benzyl alcohol	ND	ug/L	10.0	1	4/ 2/04	21:09	R. Beard	8270C	2564
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
Benzene	ND	ug/L	1.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Bromoform	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Chloroform	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46997
Sample ID: MW07-GW105
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	2:16	C. Spry	8260B	7045
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Styrene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Toluene	ND	ug/L	1.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	2:16	C. Spry	8260B	7045
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	2:16	C. Spry	8260B	7045
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	4/ 1/04	14:34	K. Roberso	RSK175M	7855

mple report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46997
Sample ID: MW07-GW105
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	470.		ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	11.0		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	1640		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	885.		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	760.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	48.0		ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	353.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	2810		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	7.3	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.130		mg/l	0.100	1	3/30/04	18:41	W. Choate	353.2	8432
Sulfate	5.11		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	5.8					3/30/04	14:15	M. Ricke	9040/150.1	7856

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46997
Sample ID: MW07-GW105
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	94.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	97.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.
BNA Surr-Nitrobenzene-d5	60.	25. - 121.
BNA Surr-2-Fluorobiphenyl	62.	33. - 111.
BNA Surr-Terphenyl-d14	70.	11. - 139.
BNA Surr-Phenol-d5	23.	4. - 52.
BNA Surr-2-Fluorophenol	34.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	77.	31. - 144.
Surr - Acetylene	105.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A46998
Sample ID: MW07-GW104
Sample Type: Ground water
Site ID:

Date Collected: 3/28/04
Time Collected: 11:20
Date Received: 3/30/04
Time Received: 8:00
Page: 1

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS										
Acenaphthene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Acenaphthylene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Anthracene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzoic Acid	9.50	J	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzo(a)anthracene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzo(a)pyrene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzo(b)fluoranthene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzo(g,h,i)perylene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzo(k)fluoranthene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Bromophenyl-phenylether	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Butylbenzylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Carbazole	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Chloro-3-methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Chloroaniline	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Bis(2-chloroethoxy)methane	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Bis(2-chloroethyl)ether	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Bis(2-chloroisopropyl)ether	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Chloronaphthalene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Chlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Chlorophenyl-phenylether	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Chrysene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Dibenzofuran	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Dibenz(a,h)anthracene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
1,2-Dichlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
1,3-Dichlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
1,4-Dichlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46998
Sample ID: MW07-GW104
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4-Dichlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Diethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4-Dimethylphenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Dimethylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Di-n-Butylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4-Dinitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4-dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,6-Dinitrotoluene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Di-n-octylphthalate	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Fluoranthene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Fluorene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Hexachlorobenzene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Hexachlorobutadiene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Hexachloroethane	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Isophorone	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Methylnaphthalene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
3 and 4-Methylphenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Naphthalene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
3-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Nitroaniline	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Nitrobenzene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
4-Nitrophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Pentachlorophenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Phenanthrene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Phenol	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Pyrene	ND		ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Bis(2-ethylhexyl)phthalate	2.80	J	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564

ample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46998
Sample ID: MW07-GW104
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
Benzyl alcohol	ND	ug/L	10.0	1	4/ 2/04	21:46	R. Beard	8270C	2564
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
Benzene	ND	ug/L	1.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
Bromobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Bromochloromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Bromoform	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Bromomethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
2-Butanone	ND	ug/L	25.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
n-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
sec-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
tert-Butylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Carbon disulfide	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Carbon tetrachloride	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Chlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Chloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Chloroform	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Chloromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
2-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
4-Chlorotoluene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Dibromochloromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2-Dibromoethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Dibromomethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,3-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,4-Dichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Dichlorodifluoromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2-Dichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46998
Sample ID: MW07-GW104
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,3-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
2,2-Dichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Ethylbenzene	ND	ug/L	1.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
Hexachlorobutadiene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
2-Hexanone	ND	ug/L	5.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Isopropylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
p-Isopropyltoluene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
4-Methyl-2-pentanone	ND	ug/L	5.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Methylene chloride	ND	ug/L	2.50	1	4/ 6/04	2:47	C. Spry	8260B	7045
Naphthalene	ND	ug/L	5.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
n-Propylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Styrene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Tetrachloroethene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Toluene	ND	ug/L	1.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1,1-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,1,2-Trichloroethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Trichloroethene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2,3-Trichloropropane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Vinyl chloride	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Xylenes (Total)	ND	ug/L	1.0	1	4/ 6/04	2:47	C. Spry	8260B	7045
Bromodichloromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
Trichlorofluoromethane	ND	ug/L	1.00	1	4/ 6/04	2:47	C. Spry	8260B	7045
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	4/ 1/04	14:39	K. Roberso	RSK175M	7855

ample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46998
Sample ID: MW07-GW104
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	49.0	J	ug/L	100.	1	4/ 2/04	8:51	C.Johnson	6010B	131
Antimony	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Arsenic	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Barium	9.2	J	ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Beryllium	ND		ug/L	4.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cadmium	ND		ug/L	1.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Calcium	3590		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Chromium	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Cobalt	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Copper	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Iron	84.0		ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Lead	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Magnesium	1840		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Manganese	2.6	J	ug/L	15.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Mercury	ND		ug/L	0.20	1	4/ 2/04	9:43	K. Keller	7470A	133
Nickel	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Potassium	362.	J	ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Selenium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Silver	ND		ug/L	5.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Sodium	3520		ug/L	1000	1	4/ 2/04	8:51	C.Johnson	6010B	131
Thallium	ND		ug/L	10.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Vanadium	ND		ug/L	20.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
Zinc	6.9	J	ug/L	50.0	1	4/ 2/04	8:51	C.Johnson	6010B	131
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.840		mg/l	0.100	1	3/30/04	18:42	W. Choate	353.2	8432
Sulfate	7.90		mg/l	1.00	1	3/31/04	23:29	S. Overton	300	7795
MISCELLANEOUS CHEMISTRY										
pH	6.5					3/30/04	14:15	M. Ricke	9040/150.1	7856

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A46998
Sample ID: MW07-GW104
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	4/ 1/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	93.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	97.	79. - 123.
VOA Surr, DBFM	98.	78. - 124.
BNA Surr-Nitrobenzene-d5	59.	25. - 121.
BNA Surr-2-Fluorobiphenyl	61.	33. - 111.
BNA Surr-Terphenyl-d14	59.	11. - 139.
BNA Surr-Phenol-d5	23.	4. - 52.
BNA Surr-2-Fluorophenol	31.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	70.	31. - 144.
Surr - Acetylene	105.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0522	0.0500	104	73 - 135	7045	47117
Chlorobenzene	mg/l	< 0.00100	0.0526	0.0500	105	77 - 130	7045	4711
1,1-Dichloroethene	mg/l	< 0.00100	0.0483	0.0500	97	71 - 143	7045	4711
Toluene	mg/l	< 0.0010	0.0527	0.0500	105	69 - 139	7045	47117
Trichloroethene	mg/l	< 0.00100	0.0545	0.0500	109	72 - 141	7045	47117
Tetrachloroethene	mg/l	< 0.00100	0.0560	0.0500	112	68 - 140	7045	47117
VOA Surr 1,2-DCA-d4	% Rec				93	71 - 128	7045	
VOA Surr Toluene-d8	% Rec				96	77 - 119	7045	
VOA Surr, 4-BFB	% Rec				97	79 - 123	7045	
VOA Surr, DBFM	% Rec				99	78 - 124	7045	
EXTRACTABLE PARAMETERS								
1,4-Dichlorobenzene	mg/l	< 0.00060	0.0300	0.0500	60	23 - 94	2564	BLANK
N-Nitroso-Di-n-Propylamine	mg/l	< 0.00050	0.0360	0.0500	72	34 - 124	2564	BLANK
1,2,4-Trichlorobenzene	mg/l	< 0.00100	0.0340	0.0500	68	23 - 101	2564	BLANK
4-Chloro-3-methylphenol	mg/l	< 0.00110	0.0340	0.0500	68	20 - 125	2564	BLANK
Acenaphthene	mg/l	< 0.00110	0.0350	0.0500	70	33 - 116	2564	BLANK
2,4-dinitrotoluene	mg/l	< 0.00120	0.0390	0.0500	78	50 - 133	2564	BLANK
Pyrene	mg/l	< 0.00060	0.0390	0.0500	78	42 - 128	2564	BLANK
2-Chlorophenol	mg/l	< 0.00050	0.0300	0.0500	60	10 - 131	2564	BLANK
4-Nitrophenol	mg/l	< 0.00070	0.0350	0.0500	70	10 - 87	2564	BLANK
Pentachlorophenol	mg/l	< 0.00640	0.0400	0.0500	80	10 - 165	2564	BLANK
BNA Surr-Nitrobenzene-d5	% Rec				70	25 - 121	2564	
BNA Surr-2-Fluorobiphenyl	% Rec				72	33 - 111	2564	
BNA Surr-Terphenyl-d14	% Rec				78	11 - 139	2564	
BNA Surr-Phenol-d5	% Rec				27	4 - 52	2564	
BNA Surr-2-Fluorophenol	% Rec				39	5 - 78	2564	

Project QC continued . . .

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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
BNA Surr-2,4,6-Tribromopheno	% Rec				78	31 - 144	2564	
METALS								
Aluminum	mg/l	0.115	2.31	2.00	110	80 - 120	131	Duplicate
Antimony	mg/l	< 0.0100	0.0980	0.100	98	80 - 120	131	Duplicate
Arsenic	mg/l	< 0.0100	0.0510	0.0500	102	80 - 120	131	Duplicate
Barium	mg/l	0.0180	2.07	2.00	103	80 - 120	131	Duplicate
Beryllium	mg/l	< 0.0040	0.0510	0.0500	102	80 - 120	131	Duplicate
Cadmium	mg/l	< 0.0010	0.0510	0.0500	102	80 - 120	131	Duplicate
Chromium	mg/l	0.0022	0.204	0.200	101	80 - 120	131	Duplicate
Cobalt	mg/l	< 0.0200	0.502	0.500	100	80 - 120	131	Duplicate
Copper	mg/l	< 0.0100	0.261	0.250	104	80 - 120	131	Duplicate
Iron	mg/l	0.130	1.14	1.00	101	80 - 120	131	Duplicate
Lead	mg/l	< 0.0050	0.0490	0.0500	98	80 - 120	131	Duplicate
Manganese	mg/l	0.0270	0.519	0.500	98	80 - 120	131	Duplicate
Mercury	mg/l	< 0.00020	0.00115	0.00100	115	80 - 120	133	04-A46935
Nickel	mg/l	< 0.0100	0.488	0.500	98	80 - 120	131	Duplicate
Selenium	mg/l	< 0.0100	0.0520	0.0500	104	80 - 120	131	Duplicate
Silver	mg/l	< 0.0050	0.0530	0.0500	106	80 - 120	131	Duplicate
Thallium	mg/l	< 0.0100	0.0530	0.0500	106	80 - 120	131	Duplicate
Vanadium	mg/l	< 0.0200	0.504	0.500	101	80 - 120	131	Duplicate
Zinc	mg/l	0.0025	0.480	0.500	96	80 - 120	131	Duplicate
MISC PARAMETERS								
Nitrate/Nitrite-N as N	mg/l	1.71	7.68	6.00	100	80 - 120	8432	04-A46935
Nitrate/Nitrite-N as N	mg/l	1.71	7.64	6.00	99	80 - 120	8432	04-A46935
Sulfate	mg/l	9.40	23.4	15.0	93	80 - 120	7795	04-A46935

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Methane	mg/L	< 0.026	1.37	1.33	103	40 - 140	7855	04-A46994

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0522	0.0517	0.96	21.	7045
Chlorobenzene	mg/l	0.0526	0.0530	0.76	19.	7045
1,1-Dichloroethene	mg/l	0.0483	0.0482	0.21	21.	7045
Toluene	mg/l	0.0527	0.0528	0.19	24.	7045
Trichloroethene	mg/l	0.0545	0.0544	0.18	21.	7045
Tetrachloroethene	mg/l	0.0560	0.0552	1.44	21.	7045
VOA Surr 1,2-DCA-d4	% Rec		94.			7045
VOA Surr Toluene-d8	% Rec		98.			7045
VOA Surr, 4-BFB	% Rec		97.			7045
VOA Surr, DBFM	% Rec		97.			7045
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/l	0.0300	0.0320	6.45	40.	2564
N-Nitroso-Di-n-Propylamine	mg/l	0.0360	0.0370	2.74	40.	2564
1,2,4-Trichlorobenzene	mg/l	0.0340	0.0330	2.99	44.	2564
4-Chloro-3-methylphenol	mg/l	0.0340	0.0360	5.71	39.	2564
Acenaphthene	mg/l	0.0350	0.0360	2.82	37.	2564
2,4-dinitrotoluene	mg/l	0.0390	0.0390	0.00	42.	2564
Pyrene	mg/l	0.0390	0.0380	2.60	36.	2564
2-Chlorophenol	mg/l	0.0300	0.0340	12.50	48.	2564
4-Nitrophenol	mg/l	0.0350	0.0350	0.00	53.	2564
Pentachlorophenol	mg/l	0.0400	0.0410	2.47	52.	2564
BNA Surr-Nitrobenzene-d5	% Rec		71.			2564
BNA Surr-2-Fluorobiphenyl	% Rec		71.			2564
BNA Surr-Terphenyl-d14	% Rec		79.			2564
BNA Surr-Phenol-d5	% Rec		30.			2564
BNA Surr-2-Fluorophenol	% Rec		44.			2564

Project QC continued . . .

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
BNA Surr-2,4,6-Tribromophenol	% Rec		75.			2564
MISC PARAMETERS						
Methane	mg/L	1.37	1.35	1.47	50	7855
Nitrate/Nitrite-N as N	mg/l	7.68	7.64	0.52	20	8432
Sulfate	mg/l	23.4	23.3	0.43	20	7795

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.235	94	55 - 144	7045
Benzene	mg/l	0.0500	0.0495	99	81 - 121	7045
Bromobenzene	mg/l	0.0500	0.0488	98	72 - 129	7045
Bromochloromethane	mg/l	0.0500	0.0519	104	75 - 137	7045
Bromoform	mg/l	0.0500	0.0466	93	54 - 127	7045
Bromomethane	mg/l	0.0500	0.0730	146	54 - 160	7045
2-Butanone	mg/l	0.250	0.228	91	62 - 146	7045
n-Butylbenzene	mg/l	0.0500	0.0512	102	68 - 139	7045
sec-Butylbenzene	mg/l	0.0500	0.0512	102	75 - 135	7045
tert-Butylbenzene	mg/l	0.0500	0.0515	103	73 - 135	7045
Carbon disulfide	mg/l	0.0500	0.0516	103	71 - 139	7045
Carbon tetrachloride	mg/l	0.0500	0.0539	108	70 - 131	7045
Chlorobenzene	mg/l	0.0500	0.0498	100	87 - 120	7045
Chloroethane	mg/l	0.0500	0.0668	134	65 - 145	7045
Chloroform	mg/l	0.0500	0.0488	98	77 - 128	7045
Chloromethane	mg/l	0.0500	0.0580	116	46 - 147	7045
2-Chlorotoluene	mg/l	0.0500	0.0492	98	78 - 128	7045

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
4-Chlorotoluene	mg/l	0.0500	0.0494	99	80 - 130	7045
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0449	90	55 - 135	7045
Dibromochloromethane	mg/l	0.0500	0.0488	98	63 - 132	7045
1,2-Dibromoethane	mg/l	0.0500	0.0496	99	77 - 136	7045
Dibromomethane	mg/l	0.0500	0.0488	98	75 - 133	7045
1,2-Dichlorobenzene	mg/l	0.0500	0.0491	98	83 - 126	7045
1,3-Dichlorobenzene	mg/l	0.0500	0.0503	101	85 - 124	7045
1,4-Dichlorobenzene	mg/l	0.0500	0.0485	97	83 - 122	7045
Dichlorodifluoromethane	mg/l	0.0500	0.0500	100	52 - 159	7045
1,1-Dichloroethane	mg/l	0.0500	0.0553	111	76 - 129	7045
1,2-Dichloroethane	mg/l	0.0500	0.0477	95	70 - 136	7045
1,1-Dichloroethene	mg/l	0.0500	0.0482	96	77 - 133	7045
cis-1,2-Dichloroethene	mg/l	0.0500	0.0483	97	76 - 129	7045
trans-1,2-Dichloroethene	mg/l	0.0500	0.0630	126	73 - 135	7045
1,2-Dichloropropane	mg/l	0.0500	0.0509	102	74 - 130	7045
1,3-Dichloropropane	mg/l	0.0500	0.0488	98	79 - 129	7045
2,2-Dichloropropane	mg/l	0.0500	0.0438	88	39 - 151	7045
1,1-Dichloropropene	mg/l	0.0500	0.0495	99	80 - 129	7045
cis-1,3-Dichloropropene	mg/l	0.0500	0.0543	109	59 - 136	7045
trans-1,3-Dichloropropene	mg/l	0.0500	0.0538	108	59 - 135	7045
Ethylbenzene	mg/l	0.0500	0.0510	102	78 - 126	7045
Hexachlorobutadiene	mg/l	0.0500	0.0494	99	60 - 142	7045
2-Hexanone	mg/l	0.250	0.252	101	61 - 148	7045
Isopropylbenzene	mg/l	0.0500	0.0520	104	74 - 134	7045
p-Isopropyltoluene	mg/l	0.0500	0.0517	103	79 - 130	7045
4-Methyl-2-pentanone	mg/l	0.250	0.254	102	59 - 147	7045
Methylene chloride	mg/l	0.0500	0.0515	103	68 - 132	7045
Naphthalene	mg/l	0.0500	0.0510	102	53 - 152	7045
n-Propylbenzene	mg/l	0.0500	0.0511	102	73 - 134	7045
Styrene	mg/l	0.0500	0.0529	106	78 - 134	7045
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0560	112	75 - 131	7045

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0444	89	62 - 142	7045
Tetrachloroethene	mg/l	0.0500	0.0512	102	77 - 129	7045
Toluene	mg/l	0.0500	0.0500	100	77 - 125	7045
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0478	96	54 - 155	7045
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0485	97	61 - 145	7045
1,1,1-Trichloroethane	mg/l	0.0500	0.0510	102	66 - 139	7045
1,1,2-Trichloroethane	mg/l	0.0500	0.0483	97	77 - 132	7045
Trichloroethene	mg/l	0.0500	0.0549	110	80 - 132	7045
1,2,3-Trichloropropane	mg/l	0.0500	0.0465	93	54 - 144	7045
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0521	104	74 - 130	7045
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0516	103	77 - 131	7045
Vinyl chloride	mg/l	0.0500	0.0521	104	69 - 139	7045
Xylenes (Total)	mg/l	0.150	0.155	103	78 - 127	7045
Bromodichloromethane	mg/l	0.0500	0.0534	107	67 - 135	7045
Trichlorofluoromethane	mg/l	0.0500	0.0462	92	64 - 143	7045
Methane	mg/L	1.33	1.32	99	79 - 121	7855
VOA Surr 1,2-DCA-d4	% Rec			91	71 - 128	7045
VOA Surr Toluene-d8	% Rec			97	77 - 119	7045
VOA Surr, 4-BFB	% Rec			97	79 - 123	7045
VOA Surr, DBFM	% Rec			96	78 - 124	7045
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.0500	0.0310	62	43 - 108	2564
Acenaphthylene	mg/l	0.0500	0.0330	66	43 - 110	2564
Anthracene	mg/l	0.0500	0.0380	76	51 - 124	2564
Benzoic Acid	mg/l	0.0500	0.0160	32	11 - 68	2564
Benzo(a)anthracene	mg/l	0.0500	0.0370	74	47 - 128	2564
Benzo(a)pyrene	mg/l	0.0500	0.0360	72	48 - 125	2564
Benzo(b)fluoranthene	mg/l	0.0500	0.0320	64	45 - 123	2564
Benzo(g,h,i)perylene	mg/l	0.0500	0.0370	74	32 - 139	2564
Benzo(k)fluoranthene	mg/l	0.0500	0.0360	72	48 - 131	2564
4-Bromophenyl-phenylether	mg/l	0.0500	0.0310	62	53 - 124	2564

roject QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Butylbenzylphthalate	mg/l	0.0500	0.0420	84	45 - 136	2564
Carbazole	mg/l	0.0500	0.0360	72	47 - 115	2564
4-Chloro-3-methylphenol	mg/l	0.0500	0.0320	64	41 - 121	2564
4-Chloroaniline	mg/l	0.0500	0.0300	60	32 - 109	2564
Bis(2-chloroethoxy)methane	mg/l	0.0500	0.0360	72	44 - 113	2564
Bis(2-chloroethyl)ether	mg/l	0.0500	0.0270	54	37 - 114	2564
Bis(2-chloroisopropyl)ether	mg/l	0.0500	0.0300	60	37 - 111	2564
2-Chloronaphthalene	mg/l	0.0500	0.0320	64	37 - 108	2564
4-Chlorophenyl-phenylether	mg/l	0.0500	0.0340	68	47 - 121	2564
Chrysene	mg/l	0.0500	0.0390	78	47 - 128	2564
Dibenzofuran	mg/l	0.0500	0.0350	70	44 - 115	2564
Dibenz(a,h)anthracene	mg/l	0.0500	0.0380	76	40 - 135	2564
1,2-Dichlorobenzene	mg/l	0.0500	0.0260	52	40 - 95	2564
1,3-Dichlorobenzene	mg/l	0.0500	0.0260	52	38 - 91	2564
1,4-Dichlorobenzene	mg/l	0.0500	0.0250	50	38 - 92	2564
3,3'-Dichlorobenzidine	mg/l	0.0500	0.0350	70	39 - 159	2564
Diethylphthalate	mg/l	0.0500	0.0340	68	49 - 130	2564
Dimethylphthalate	mg/l	0.0500	0.0360	72	51 - 126	2564
2,4-dinitrotoluene	mg/l	0.0500	0.0340	68	55 - 130	2564
2,6-Dinitrotoluene	mg/l	0.0500	0.0370	74	51 - 132	2564
Di-n-octylphthalate	mg/l	0.0500	0.0390	78	41 - 140	2564
Fluoranthene	mg/l	0.0500	0.0350	70	54 - 125	2564
Fluorene	mg/l	0.0500	0.0330	66	46 - 120	2564
Hexachlorobenzene	mg/l	0.0500	0.0370	74	54 - 128	2564
Hexachlorobutadiene	mg/l	0.0500	0.0320	64	37 - 98	2564
Hexachlorocyclopentadiene	mg/l	0.0500	0.0270	54	24 - 85	2564
Hexachloroethane	mg/l	0.0500	0.0250	50	36 - 91	2564
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0360	72	35 - 138	2564
Isophorone	mg/l	0.0500	0.0340	68	44 - 113	2564
2-Methylnaphthalene	mg/l	0.0500	0.0300	60	42 - 114	2564
Naphthalene	mg/l	0.0500	0.0260	52	31 - 101	2564

Project QC continued . . .

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Nitroaniline	mg/l	0.0500	0.0340	68	44 - 109	2564
3-Nitroaniline	mg/l	0.0500	0.0320	64	41 - 112	2564
4-Nitroaniline	mg/l	0.0500	0.0320	64	44 - 116	2564
Nitrobenzene	mg/l	0.0500	0.0310	62	34 - 117	2564
N-Nitroso-Di-n-Propylamine	mg/l	0.0500	0.0320	64	40 - 120	2564
N-Nitrosodiphenylamine	mg/l	0.0500	0.0340	68	56 - 126	2564
Phenanthrene	mg/l	0.0500	0.0360	72	52 - 120	2564
Pyrene	mg/l	0.0500	0.0400	80	46 - 128	2564
Bis(2-ethylhexyl)phthalate	mg/l	0.0500	0.0410	82	45 - 136	2564
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0280	56	40 - 99	2564
2,4,6-Trichlorophenol	mg/l	0.0500	0.0330	66	32 - 133	2564
Benzyl alcohol	mg/l	0.0500	0.0270	54	18 - 123	2564
2-Chlorophenol	mg/l	0.0500	0.0270	54	32 - 122	2564
2,4-Dichlorophenol	mg/l	0.0500	0.0290	58	41 - 130	2564
2,4-Dimethylphenol	mg/l	0.0500	0.0340	68	40 - 109	2564
4,6-Dinitro-2-methylphenol	mg/l	0.0500	0.0350	70	35 - 140	2564
2,4-Dinitrophenol	mg/l	0.0500	0.0370	74	47 - 128	2564
2-Methylphenol	mg/l	0.0500	0.0270	54	26 - 104	2564
3 and 4-Methylphenol	mg/l	0.0500	0.0260	52	24 - 99	2564
2-Nitrophenol	mg/l	0.0500	0.0300	60	32 - 125	2564
4-Nitrophenol	mg/l	0.0500	0.0300	60	12 - 82	2564
Pentachlorophenol	mg/l	0.0500	0.0390	78	36 - 136	2564
Phenol	mg/l	0.0500	0.0130	26	20 - 59	2564
2,4,5-Trichlorophenol	mg/l	0.0500	0.0360	72	36 - 132	2564
BNA Surr-Nitrobenzene-d5	% Rec			58	25 - 121	2564
BNA Surr-2-Fluorobiphenyl	% Rec			64	33 - 111	2564
BNA Surr-Terphenyl-d14	% Rec			76	11 - 139	2564
BNA Surr-Phenol-d5	% Rec			25	4 - 52	2564
BNA Surr-2-Fluorophenol	% Rec			34	5 - 78	2564
BNA Surr-2,4,6-Tribromophenol	% Rec			70	31 - 144	2564

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METALS						
Aluminum	mg/l	2.00	2.24	112	80 - 120	131
Antimony	mg/l	0.100	0.100	100	80 - 120	131
Arsenic	mg/l	0.0500	0.0520	104	80 - 120	131
Barium	mg/l	2.00	2.11	106	80 - 120	131
Beryllium	mg/l	0.0500	0.0520	104	80 - 120	131
Cadmium	mg/l	0.0500	0.0520	104	80 - 120	131
Calcium	mg/l	5.00	5.10	102	80 - 120	131
Chromium	mg/l	0.200	0.207	104	80 - 120	131
Cobalt	mg/l	0.500	0.513	103	80 - 120	131
Copper	mg/l	0.250	0.265	106	80 - 120	131
Iron	mg/l	1.00	1.07	107	80 - 120	131
Lead	mg/l	0.0500	0.0510	102	80 - 120	131
Magnesium	mg/l	5.00	5.04	101	80 - 120	131
Manganese	mg/l	0.500	0.521	104	80 - 120	131
Mercury	mg/l	0.00100	0.00110	110	76 - 123	133
Nickel	mg/l	0.500	0.499	100	80 - 120	131
Potassium	mg/l	5.00	4.59	92	80 - 120	131
Selenium	mg/l	0.0500	0.0540	108	80 - 120	131
Silver	mg/l	0.0500	0.0560	112	80 - 120	131
Sodium	mg/l	5.00	4.97	99	80 - 120	131
Thallium	mg/l	0.0500	0.0520	104	80 - 120	131
Vanadium	mg/l	0.500	0.516	103	80 - 120	131
Zinc	mg/l	0.500	0.484	97	80 - 120	131
MISC PARAMETERS						
Nitrate/Nitrite-N as N	mg/l	6.00	5.99	100	66 - 132	8432
Sulfate	mg/l	15.0	14.7	98	90 - 110	7795

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Aluminum	mg/l	0.128	0.115	10.70	15.	131	04-A46935

Project QC continued . . .

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Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Antimony	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Arsenic	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Barium	mg/l	0.0200	0.0180	10.53	15.	131	04-A46935
Beryllium	mg/l	< 0.0040	< 0.0040	N/A	15.	131	04-A46935
Cadmium	mg/l	< 0.0010	< 0.0010	N/A	15.	131	04-A46935
Calcium	mg/l	8.30	7.87	5.32	15.	131	04-A46935
Chromium	mg/l	0.0025	0.0022	12.77	15.	131	04-A46935
Cobalt	mg/l	< 0.0200	< 0.0200	N/A	15.	131	04-A46935
Copper	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Iron	mg/l	0.138	0.130	5.97	15.	131	04-A46935
Lead	mg/l	< 0.0050	< 0.0050	N/A	15.	131	04-A46935
Magnesium	mg/l	2.25	2.13	5.48	15.	131	04-A46935
Manganese	mg/l	0.0120	0.0270	76.92 #	15.	131	04-A46935
Nickel	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Potassium	mg/l	1.40	1.30	7.41	15.	131	04-A46935
Selenium	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Silver	mg/l	< 0.0050	< 0.0050	N/A	15.	131	04-A46935
Sodium	mg/l	34.6	30.4	12.92	15.	131	04-A46935
Thallium	mg/l	< 0.0100	< 0.0100	N/A	15.	131	04-A46935
Vanadium	mg/l	< 0.0200	< 0.0200	N/A	15.	131	04-A46935
Zinc	mg/l	0.0096	0.0025	117.36 #	15.	131	04-A46935
pH	pH Units	6.50	6.50	0.00	15.	7856	04-A46998
Sulfate	mg/l	7.90	7.50	5.19	15.	7795	04-A46998

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

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VOA PARAMETERS					
Acetone	< 0.00470	mg/l	7045	4/ 6/04	0:09
Benzene	< 0.0005	mg/l	7045	4/ 6/04	0:09
Bromobenzene	< 0.00030	mg/l	7045	4/ 6/04	0:09
Bromochloromethane	< 0.00030	mg/l	7045	4/ 6/04	0:09
Bromoform	< 0.00060	mg/l	7045	4/ 6/04	0:09
Bromomethane	< 0.00060	mg/l	7045	4/ 6/04	0:09
2-Butanone	< 0.00310	mg/l	7045	4/ 6/04	0:09
n-Butylbenzene	< 0.00010	mg/l	7045	4/ 6/04	0:09
sec-Butylbenzene	< 0.00030	mg/l	7045	4/ 6/04	0:09
tert-Butylbenzene	< 0.00030	mg/l	7045	4/ 6/04	0:09
Carbon disulfide	< 0.00020	mg/l	7045	4/ 6/04	0:09
Carbon tetrachloride	< 0.00040	mg/l	7045	4/ 6/04	0:09
Chlorobenzene	< 0.00020	mg/l	7045	4/ 6/04	0:09
Chloroethane	< 0.00100	mg/l	7045	4/ 6/04	0:09
Chloroform	< 0.00080	mg/l	7045	4/ 6/04	0:09
Chloromethane	< 0.00070	mg/l	7045	4/ 6/04	0:09
2-Chlorotoluene	< 0.00040	mg/l	7045	4/ 6/04	0:09
4-Chlorotoluene	< 0.00050	mg/l	7045	4/ 6/04	0:09
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	7045	4/ 6/04	0:09
Dibromochloromethane	< 0.00050	mg/l	7045	4/ 6/04	0:09
1,2-Dibromoethane	< 0.00040	mg/l	7045	4/ 6/04	0:09
Dibromomethane	< 0.00090	mg/l	7045	4/ 6/04	0:09
1,2-Dichlorobenzene	< 0.00020	mg/l	7045	4/ 6/04	0:09
1,3-Dichlorobenzene	< 0.00030	mg/l	7045	4/ 6/04	0:09
1,4-Dichlorobenzene	< 0.00040	mg/l	7045	4/ 6/04	0:09
Dichlorodifluoromethane	< 0.00050	mg/l	7045	4/ 6/04	0:09
1,1-Dichloroethane	< 0.00020	mg/l	7045	4/ 6/04	0:09
1,2-Dichloroethane	< 0.00060	mg/l	7045	4/ 6/04	0:09
1,1-Dichloroethene	< 0.00060	mg/l	7045	4/ 6/04	0:09
cis-1,2-Dichloroethene	< 0.00060	mg/l	7045	4/ 6/04	0:09
trans-1,2-Dichloroethene	< 0.00050	mg/l	7045	4/ 6/04	0:09
1,2-Dichloropropane	< 0.00040	mg/l	7045	4/ 6/04	0:09
1,3-Dichloropropane	< 0.00040	mg/l	7045	4/ 6/04	0:09
2,2-Dichloropropane	< 0.00040	mg/l	7045	4/ 6/04	0:09
1,1-Dichloropropene	< 0.00050	mg/l	7045	4/ 6/04	0:09

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
cis-1,3-Dichloropropene	< 0.00030	mg/l	7045	4/ 6/04	0:09
trans-1,3-Dichloropropene	< 0.00050	mg/l	7045	4/ 6/04	0:09
Ethylbenzene	< 0.0003	mg/l	7045	4/ 6/04	0:09
Hexachlorobutadiene	< 0.00080	mg/l	7045	4/ 6/04	0:09
2-Hexanone	< 0.00420	mg/l	7045	4/ 6/04	0:09
Isopropylbenzene	< 0.00040	mg/l	7045	4/ 6/04	0:09
p-Isopropyltoluene	< 0.00060	mg/l	7045	4/ 6/04	0:09
4-Methyl-2-pentanone	< 0.00490	mg/l	7045	4/ 6/04	0:09
Methylene chloride	< 0.00240	mg/l	7045	4/ 6/04	0:09
Naphthalene	< 0.00120	mg/l	7045	4/ 6/04	0:09
n-Propylbenzene	< 0.00030	mg/l	7045	4/ 6/04	0:09
Styrene	< 0.00040	mg/l	7045	4/ 6/04	0:09
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	7045	4/ 6/04	0:09
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	7045	4/ 6/04	0:09
Tetrachloroethene	< 0.00040	mg/l	7045	4/ 6/04	0:09
Toluene	< 0.0006	mg/l	7045	4/ 6/04	0:09
1,2,3-Trichlorobenzene	< 0.00100	mg/l	7045	4/ 6/04	0:09
1,2,4-Trichlorobenzene	< 0.00060	mg/l	7045	4/ 6/04	0:09
1,1,1-Trichloroethane	< 0.00070	mg/l	7045	4/ 6/04	0:09
1,1,2-Trichloroethane	< 0.00040	mg/l	7045	4/ 6/04	0:09
Trichloroethene	< 0.00040	mg/l	7045	4/ 6/04	0:09
1,2,3-Trichloropropane	< 0.00060	mg/l	7045	4/ 6/04	0:09
1,2,4-Trimethylbenzene	< 0.0003	mg/l	7045	4/ 6/04	0:09
1,3,5-Trimethylbenzene	< 0.00100	mg/l	7045	4/ 6/04	0:09
Vinyl chloride	< 0.00050	mg/l	7045	4/ 6/04	0:09
Xylenes (Total)	< 0.0009	mg/l	7045	4/ 6/04	0:09
Bromodichloromethane	< 0.00030	mg/l	7045	4/ 6/04	0:09
Trichlorofluoromethane	< 0.00040	mg/l	7045	4/ 6/04	0:09

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VOA Surr 1,2-DCA-d4	94.	% Rec	7045	4/ 6/04	0:09
VOA Surr Toluene-d8	97.	% Rec	7045	4/ 6/04	0:09
VOA Surr, 4-BFB	98.	% Rec	7045	4/ 6/04	0:09
VOA Surr, DBFM	95.	% Rec	7045	4/ 6/04	0:09
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00110	mg/l	2564	4/ 2/04	16:48
Acenaphthylene	< 0.0011	mg/l	2564	4/ 2/04	16:48
Anthracene	< 0.00110	mg/l	2564	4/ 2/04	16:48
Benzoic Acid	< 0.00290	mg/l	2564	4/ 2/04	16:48
Benzo(a)anthracene	< 0.00120	mg/l	2564	4/ 2/04	16:48
Benzo(a)pyrene	< 0.00120	mg/l	2564	4/ 2/04	16:48
Benzo(b)fluoranthene	< 0.00100	mg/l	2564	4/ 2/04	16:48
Benzo(g,h,i)perylene	< 0.00120	mg/l	2564	4/ 2/04	16:48
Benzo(k)fluoranthene	< 0.00050	mg/l	2564	4/ 2/04	16:48
4-Bromophenyl-phenylether	< 0.00060	mg/l	2564	4/ 2/04	16:48
Butylbenzylphthalate	< 0.00060	mg/l	2564	4/ 2/04	16:48
Carbazole	< 0.00120	mg/l	2564	4/ 2/04	16:48
4-Chloro-3-methylphenol	< 0.00110	mg/l	2564	4/ 2/04	16:48
4-Chloroaniline	< 0.00120	mg/l	2564	4/ 2/04	16:48
Bis(2-chloroethoxy)methane	< 0.00110	mg/l	2564	4/ 2/04	16:48
Bis(2-chloroethyl)ether	< 0.00050	mg/l	2564	4/ 2/04	16:48
Bis(2-chloroisopropyl)ether	< 0.00050	mg/l	2564	4/ 2/04	16:48
2-Chloronaphthalene	< 0.00110	mg/l	2564	4/ 2/04	16:48
2-Chlorophenol	< 0.00050	mg/l	2564	4/ 2/04	16:48
4-Chlorophenyl-phenylether	< 0.00120	mg/l	2564	4/ 2/04	16:48
Chrysene	< 0.00060	mg/l	2564	4/ 2/04	16:48
Dibenzofuran	< 0.00120	mg/l	2564	4/ 2/04	16:48
Dibenz(a,h)anthracene	< 0.00060	mg/l	2564	4/ 2/04	16:48
1,2-Dichlorobenzene	< 0.00050	mg/l	2564	4/ 2/04	16:48
1,3-Dichlorobenzene	< 0.00060	mg/l	2564	4/ 2/04	16:48
1,4-Dichlorobenzene	< 0.00060	mg/l	2564	4/ 2/04	16:48
3,3'-Dichlorobenzidine	< 0.00170	mg/l	2564	4/ 2/04	16:48
2,4-Dichlorophenol	< 0.00120	mg/l	2564	4/ 2/04	16:48
Diethylphthalate	< 0.00130	mg/l	2564	4/ 2/04	16:48
2,4-Dimethylphenol	< 0.00100	mg/l	2564	4/ 2/04	16:48
Dimethylphthalate	< 0.00120	mg/l	2564	4/ 2/04	16:48

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Di-n-Butylphthalate	< 0.00130	mg/l	2564	4/ 2/04	16:48
4,6-Dinitro-2-methylphenol	< 0.00300	mg/l	2564	4/ 2/04	16:48
2,4-Dinitrophenol	< 0.00060	mg/l	2564	4/ 2/04	16:48
2,4-dinitrotoluene	< 0.00120	mg/l	2564	4/ 2/04	16:48
2,6-Dinitrotoluene	< 0.0100	mg/l	2564	4/ 2/04	16:48
Di-n-octylphthalate	< 0.00140	mg/l	2564	4/ 2/04	16:48
Fluoranthene	< 0.00130	mg/l	2564	4/ 2/04	16:48
Fluorene	< 0.00100	mg/l	2564	4/ 2/04	16:48
Hexachlorobenzene	< 0.00050	mg/l	2564	4/ 2/04	16:48
Hexachlorobutadiene	< 0.00050	mg/l	2564	4/ 2/04	16:48
Hexachlorocyclopentadiene	< 0.00060	mg/l	2564	4/ 2/04	16:48
Hexachloroethane	< 0.00060	mg/l	2564	4/ 2/04	16:48
Indeno(1,2,3-cd)pyrene	< 0.00110	mg/l	2564	4/ 2/04	16:48
Isophorone	< 0.00110	mg/l	2564	4/ 2/04	16:48
2-Methylnaphthalene	< 0.00130	mg/l	2564	4/ 2/04	16:48
2-Methylphenol	< 0.00110	mg/l	2564	4/ 2/04	16:48
3 and 4-Methylphenol	< 0.00120	mg/l	2564	4/ 2/04	16:48
Naphthalene	< 0.00160	mg/l	2564	4/ 2/04	16:48
2-Nitroaniline	< 0.00040	mg/l	2564	4/ 2/04	16:48
3-Nitroaniline	< 0.00120	mg/l	2564	4/ 2/04	16:48
4-Nitroaniline	< 0.00080	mg/l	2564	4/ 2/04	16:48
Nitrobenzene	< 0.00100	mg/l	2564	4/ 2/04	16:48
2-Nitrophenol	< 0.00050	mg/l	2564	4/ 2/04	16:48
4-Nitrophenol	< 0.00070	mg/l	2564	4/ 2/04	16:48
N-Nitroso-Di-n-Propylamine	< 0.00050	mg/l	2564	4/ 2/04	16:48
N-Nitrosodiphenylamine	< 0.00120	mg/l	2564	4/ 2/04	16:48
Pentachlorophenol	< 0.00640	mg/l	2564	4/ 2/04	16:48
Phenanthrene	< 0.00050	mg/l	2564	4/ 2/04	16:48
Phenol	< 0.00190	mg/l	2564	4/ 2/04	16:48
Pyrene	< 0.00060	mg/l	2564	4/ 2/04	16:48
Bis(2-ethylhexyl)phthalate	< 0.00140	mg/l	2564	4/ 2/04	16:48

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 15
Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2,4-Trichlorobenzene	< 0.00100	mg/l	2564	4/ 2/04	16:48
2,4,5-Trichlorophenol	< 0.00110	mg/l	2564	4/ 2/04	16:48
2,4,6-Trichlorophenol	< 0.00100	mg/l	2564	4/ 2/04	16:48
Benzyl alcohol	< 0.0019	mg/l	2564	4/ 2/04	16:48
BNA Surr-Nitrobenzene-d5	63.	% Rec	2564	4/ 2/04	16:48
BNA Surr-2-Fluorobiphenyl	65.	% Rec	2564	4/ 2/04	16:48
BNA Surr-Terphenyl-d14	81.	% Rec	2564	4/ 2/04	16:48
BNA Surr-Phenol-d5	30.	% Rec	2564	4/ 2/04	16:48
BNA Surr-2-Fluorophenol	39.	% Rec	2564	4/ 2/04	16:48
BNA Surr-2,4,6-Tribromophenol	78.	% Rec	2564	4/ 2/04	16:48
METALS					
Aluminum	0.0160	mg/l	131	4/ 2/04	8:51
Antimony	< 0.0042	mg/l	131	4/ 2/04	8:51
Arsenic	< 0.0042	mg/l	131	4/ 2/04	8:51
Barium	< 0.0002	mg/l	131	4/ 2/04	8:51
Beryllium	< 0.0005	mg/l	131	4/ 2/04	8:51
Cadmium	< 0.0005	mg/l	131	4/ 2/04	8:51
Calcium	< 0.0098	mg/l	131	4/ 2/04	8:51
Chromium	< 0.0013	mg/l	131	4/ 2/04	8:51
Cobalt	< 0.0016	mg/l	131	4/ 2/04	8:51
Copper	< 0.0016	mg/l	131	4/ 2/04	8:51
Iron	< 0.0150	mg/l	131	4/ 2/04	8:51
Lead	< 0.0029	mg/l	131	4/ 2/04	8:51
Magnesium	< 0.0180	mg/l	131	4/ 2/04	8:51
Manganese	< 0.0005	mg/l	131	4/ 2/04	8:51
Mercury	< 0.00015	mg/l	133	4/ 2/04	9:43
Nickel	< 0.0032	mg/l	131	4/ 2/04	8:51
Potassium	< 0.120	mg/l	131	4/ 2/04	8:51
Selenium	< 0.0036	mg/l	131	4/ 2/04	8:51
Silver	< 0.0007	mg/l	131	4/ 2/04	8:51
Sodium	< 0.176	mg/l	131	4/ 2/04	8:51

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: GABRESKI AIRPORT
Page: 16
Laboratory Receipt Date: 3/30/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Thallium	< 0.0019	mg/l	131	4/ 2/04	8:51
Vanadium	< 0.0014	mg/l	131	4/ 2/04	8:51
Zinc	< 0.0013	mg/l	131	4/ 2/04	8:51
MISC PARAMETERS					
Nitrate/Nitrite-N as N	< 0.100	mg/l	8432	3/30/04	18:33
Sulfate	< 1.00	mg/l	7795	3/31/04	23:29
Methane	< 0.026	mg/L	7855	4/ 1/04	14:19

End of Report for Project 369531

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

9302

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? N
Compliance Monitoring

388743

Client Name: SAIC
Client #:
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge TN
Project Manager: Larry Tyner
Telephone Number: 865-481-4600
Fax: 865-481-8590
Sampler Name: (Print Name) Richard O'Reilly
Sampler Signature: RW O'Reilly

Project Name: Gabreski ANG
Project #: 01-1409-14-2055-300
Site/Location ID: Westhampton Beach State: NY
Report To: Larry Tyner
Invoice To: Larry Tyner
Quote #:
PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other:

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOC										REMARKS
MW07-GW104	9/8/04	1515	G	N	GW		X						X			138	585						MW104 (Site)
MW07-GW105	9/8/04	1330	G	N	GW		X						X			1	586						MW105 (Site)
MW07-GW106	9/8/04	1615	G	N	GW		X						X			1	587						MW106 (Site)
MW07-TB01	9/8/04	-	G	N	Trip		X						X			1	588						Trip Blank
PW040709-DR01	9/8/04	1000	G	N	GW		X						X			138	589						Purge Water for
																							Drum 1, containing H2O from
																							Total = 13

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.1°C

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By	Date	Time	Received By	Date	Time
RW O'Reilly	9/8/04	1900		9/9/04	800
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date	Time:	Received By:	Date:	Time:

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project: 01-1409-14-2055-300
Project Name: GABRESKI ANG
Sampler: RICHARD O'REILLY

Lab Number: 04-A138585
Sample ID: MW07-GW104
Sample Type: Ground water
Site ID:

Date Collected: 9/ 8/04
Time Collected: 15:15
Date Received: 9/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/l	25.0	1	9/11/04	4:14	C. Spry	8260B	1046
Benzene	ND	ug/l	1.0	1	9/11/04	4:14	C. Spry	8260B	1046
Bromobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Bromochloromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Bromoform	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Bromomethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
2-Butanone	ND	ug/l	25.0	1	9/11/04	4:14	C. Spry	8260B	1046
n-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
sec-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
tert-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Carbon disulfide	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Carbon tetrachloride	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Chlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Chloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Chloroform	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Chloromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
2-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
4-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2-Dibromo-3-chloropropane	ND	ug/l	5.00	1	9/11/04	4:14	C. Spry	8260B	1046
Dibromochloromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2-Dibromoethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Dibromomethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,3-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,4-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Dichlorodifluoromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 04-A138585
Sample ID: MW07-GW104
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2-Dichloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
cis-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
trans-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,3-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
2,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
cis-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
trans-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Ethylbenzene	ND	ug/l	1.0	1	9/11/04	4:14	C. Spry	8260B	1046
Hexachlorobutadiene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	10
2-Hexanone	ND	ug/l	5.00	1	9/11/04	4:14	C. Spry	8260B	104
Isopropylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
p-Isopropyltoluene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
4-Methyl-2-pentanone	ND	ug/l	5.00	1	9/11/04	4:14	C. Spry	8260B	1046
Methylene chloride	ND	ug/l	2.50	1	9/11/04	4:14	C. Spry	8260B	1046
Naphthalene	ND	ug/l	5.00	1	9/11/04	4:14	C. Spry	8260B	1046
n-Propylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Styrene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1,1,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1,2,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Tetrachloroethene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Toluene	ND	ug/l	1.0	1	9/11/04	4:14	C. Spry	8260B	1046
1,2,3-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2,4-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1,1-Trichloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,1,2-Trichloroethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Trichloroethene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2,3-Trichloropropane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
1,2,4-Trimethylbenzene	ND	ug/l	1.0	1	9/11/04	4:14	C. Spry	8260B	1046
1,3,5-Trimethylbenzene	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Vinyl chloride	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046
Xylenes (Total)	ND	ug/l	1.0	1	9/11/04	4:14	C. Spry	8260B	1046
Bromodichloromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138585
Sample ID: MW07-GW104
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/l	1.00	1	9/11/04	4:14	C. Spry	8260B	1046

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	101.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	96.	79. - 125.
VOA Surr, DBFM	97.	75. - 134.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project: 01-1409-14-2055-300
Project Name: GABRESKI ANG
Sampler: RICHARD O'REILLY

Lab Number: 04-A138586
Sample ID: MW07-GW105
Sample Type: Ground water
Site ID:

Date Collected: 9/ 8/04
Time Collected: 13:30
Date Received: 9/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/l	25.0	1	9/11/04	4:45	C. Spry	8260B	1046
Benzene	ND	ug/l	1.0	1	9/11/04	4:45	C. Spry	8260B	1046
Bromobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Bromochloromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Bromoform	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Bromomethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
2-Butanone	ND	ug/l	25.0	1	9/11/04	4:45	C. Spry	8260B	1046
n-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
sec-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
tert-Butylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Carbon disulfide	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Carbon tetrachloride	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Chlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Chloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Chloroform	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Chloromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
2-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
4-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2-Dibromo-3-chloropropane	ND	ug/l	5.00	1	9/11/04	4:45	C. Spry	8260B	1046
Dibromochloromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2-Dibromoethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Dibromomethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,3-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,4-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Dichlorodifluoromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 04-A138586
Sample ID: MW07-GW105
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2-Dichloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
cis-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
trans-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,3-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
2,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
cis-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
trans-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Ethylbenzene	ND	ug/l	1.0	1	9/11/04	4:45	C. Spry	8260B	1046
Hexachlorobutadiene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
2-Hexanone	ND	ug/l	5.00	1	9/11/04	4:45	C. Spry	8260B	1046
Isopropylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
p-Isopropyltoluene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
4-Methyl-2-pentanone	ND	ug/l	5.00	1	9/11/04	4:45	C. Spry	8260B	1046
Methylene chloride	ND	ug/l	2.50	1	9/11/04	4:45	C. Spry	8260B	1046
Naphthalene	ND	ug/l	5.00	1	9/11/04	4:45	C. Spry	8260B	1046
n-Propylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Styrene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1,1,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1,2,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Tetrachloroethene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Toluene	ND	ug/l	1.0	1	9/11/04	4:45	C. Spry	8260B	1046
1,2,3-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2,4-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1,1-Trichloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,1,2-Trichloroethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Trichloroethene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2,3-Trichloropropane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
1,2,4-Trimethylbenzene	ND	ug/l	1.0	1	9/11/04	4:45	C. Spry	8260B	1046
1,3,5-Trimethylbenzene	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Vinyl chloride	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046
Xylenes (Total)	ND	ug/l	1.0	1	9/11/04	4:45	C. Spry	8260B	1046
Bromodichloromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138586
Sample ID: MW07-GW105
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/l	1.00	1	9/11/04	4:45	C. Spry	8260B	1046

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	97.	73. - 127.
VOA Surr Toluene-d8	96.	79. - 113.
VOA Surr, 4-BFB	95.	79. - 125.
VOA Surr, DBFM	95.	75. - 134.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project: 01-1409-14-2055-300
Project Name: GABRESKI ANG
Sampler: RICHARD O'REILLY

Lab Number: 04-A138587
Sample ID: MW07-GW106
Sample Type: Ground water
Site ID:

Date Collected: 9/ 8/04
Time Collected: 16:45
Date Received: 9/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/l	25.0	1	9/11/04	5:17	C. Spry	8260B	1046
Benzene	ND	ug/l	1.0	1	9/11/04	5:17	C. Spry	8260B	1046
Bromobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Bromochloromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Bromoform	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Bromomethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
2-Butanone	ND	ug/l	25.0	1	9/11/04	5:17	C. Spry	8260B	1046
n-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
sec-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
tert-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Carbon disulfide	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Carbon tetrachloride	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Chlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Chloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Chloroform	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Chloromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
2-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
4-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2-Dibromo-3-chloropropane	ND	ug/l	5.00	1	9/11/04	5:17	C. Spry	8260B	1046
Dibromochloromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2-Dibromoethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Dibromomethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,3-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,4-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Dichlorodifluoromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138587
Sample ID: MW07-GW106
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2-Dichloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1-Dichloroethene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
cis-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
trans-1,2-Dichloroethene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,3-Dichloropropane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
2,2-Dichloropropane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1-Dichloropropene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
cis-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
trans-1,3-Dichloropropene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Ethylbenzene	ND	ug/l	1.0	1	9/11/04	5:17	C. Spry	8260B	1046
Hexachlorobutadiene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	10
2-Hexanone	ND	ug/l	5.00	1	9/11/04	5:17	C. Spry	8260B	1046
Isopropylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
p-Isopropyltoluene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
4-Methyl-2-pentanone	ND	ug/l	5.00	1	9/11/04	5:17	C. Spry	8260B	1046
Methylene chloride	ND	ug/l	2.50	1	9/11/04	5:17	C. Spry	8260B	1046
Naphthalene	ND	ug/l	5.00	1	9/11/04	5:17	C. Spry	8260B	1046
n-Propylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Styrene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1,1,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1,2,2-Tetrachloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Tetrachloroethene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Toluene	ND	ug/l	1.0	1	9/11/04	5:17	C. Spry	8260B	1046
1,2,3-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2,4-Trichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1,1-Trichloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,1,2-Trichloroethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Trichloroethene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2,3-Trichloropropane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
1,2,4-Trimethylbenzene	ND	ug/l	1.0	1	9/11/04	5:17	C. Spry	8260B	1046
1,3,5-Trimethylbenzene	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Vinyl chloride	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046
Xylenes (Total)	ND	ug/l	1.0	1	9/11/04	5:17	C. Spry	8260B	1046
Bromodichloromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138587
Sample ID: MW07-GW106
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/l	1.00	1	9/11/04	5:17	C. Spry	8260B	1046

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	100.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	96.	79. - 125.
VOA Surr, DBFM	96.	75. - 134.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project: 01-1409-14-2055-300
Project Name: GABRESKI ANG
Sampler: RICHARD O'REILLY

Lab Number: 04-A138588
Sample ID: MW07-TB01
Sample Type: Ground water
Site ID:

Date Collected: 9/ 8/04
Time Collected:
Date Received: 9/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/l	25.0	1	9/11/04	5:49	C. Spry	8260B	1046
Benzene	ND	ug/l	1.0	1	9/11/04	5:49	C. Spry	8260B	1046
Bromobenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Bromochloromethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Bromoform	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Bromomethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
2-Butanone	ND	ug/l	25.0	1	9/11/04	5:49	C. Spry	8260B	1046
n-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
sec-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
tert-Butylbenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Carbon disulfide	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Carbon tetrachloride	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Chlorobenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Chloroethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Chloroform	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Chloromethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
2-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
4-Chlorotoluene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2-Dibromo-3-chloropropane	ND	ug/l	5.00	1	9/11/04	5:49	C. Spry	8260B	1046
Dibromochloromethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2-Dibromoethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Dibromomethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,3-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,4-Dichlorobenzene	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Dichlorodifluoromethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138588
Sample ID: MW07-TB01
Project: 01-1409-14-2055-300

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2-Dichloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1-Dichloroethene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
cis-1,2-Dichloroethene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
trans-1,2-Dichloroethene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2-Dichloropropane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,3-Dichloropropane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
2,2-Dichloropropane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1-Dichloropropene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
cis-1,3-Dichloropropene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
trans-1,3-Dichloropropene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Ethylbenzene	ND		ug/l	1.0	1	9/11/04	5:49	C. Spry	8260B	1046
Hexachlorobutadiene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
2-Hexanone	ND		ug/l	5.00	1	9/11/04	5:49	C. Spry	8260B	1046
Isopropylbenzene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
p-Isopropyltoluene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
4-Methyl-2-pentanone	ND		ug/l	5.00	1	9/11/04	5:49	C. Spry	8260B	1046
Methylene chloride	ND		ug/l	2.50	1	9/11/04	5:49	C. Spry	8260B	1046
Naphthalene	ND		ug/l	5.00	1	9/11/04	5:49	C. Spry	8260B	1046
n-Propylbenzene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Styrene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1,1,2-Tetrachloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1,2,2-Tetrachloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Tetrachloroethene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Toluene	0.3	J	ug/l	1.0	1	9/11/04	5:49	C. Spry	8260B	1046
1,2,3-Trichlorobenzene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2,4-Trichlorobenzene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1,1-Trichloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,1,2-Trichloroethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Trichloroethene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2,3-Trichloropropane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
1,2,4-Trimethylbenzene	ND		ug/l	1.0	1	9/11/04	5:49	C. Spry	8260B	1046
1,3,5-Trimethylbenzene	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Vinyl chloride	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046
Xylenes (Total)	ND		ug/l	1.0	1	9/11/04	5:49	C. Spry	8260B	1046
Bromodichloromethane	ND		ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A138588
Sample ID: MW07-TB01
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/l	1.00	1	9/11/04	5:49	C. Spry	8260B	1046

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	96.	79. - 125.
VOA Surr, DBFM	95.	75. - 134.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project: 01-1409-14-2055-300
Project Name: GABRESKI ANG
Sampler: RICHARD O'REILLY

Lab Number: 04-A138589
Sample ID: PW040709-DR01
Sample Type: Ground water
Site ID:

Date Collected: 9/ 8/04
Time Collected: 10:00
Date Received: 9/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS										
Acetone	10.9	J	ug/l	25.0	1	9/16/04	14:01	C. Spry	8260B	1048
Benzene	ND		ug/l	1.0	1	9/16/04	14:01	C. Spry	8260B	1048
Bromobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Bromochloromethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Bromoform	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Bromomethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
2-Butanone	ND		ug/l	25.0	1	9/16/04	14:01	C. Spry	8260B	1048
n-Butylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
sec-Butylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
tert-Butylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Carbon disulfide	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Carbon tetrachloride	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Chlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Chloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Chloroform	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Chloromethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
2-Chlorotoluene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
4-Chlorotoluene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2-Dibromo-3-chloropropane	ND		ug/l	5.00	1	9/16/04	14:01	C. Spry	8260B	1048
Dibromochloromethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2-Dibromoethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Dibromomethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2-Dichlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,3-Dichlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,4-Dichlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Dichlorodifluoromethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 04-A138589
Sample ID: PW040709-DR01
Project: 01-1409-14-2055-300

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2-Dichloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1-Dichloroethene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
cis-1,2-Dichloroethene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
trans-1,2-Dichloroethene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2-Dichloropropane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,3-Dichloropropane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
2,2-Dichloropropane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1-Dichloropropene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
cis-1,3-Dichloropropene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
trans-1,3-Dichloropropene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Ethylbenzene	ND		ug/l	1.0	1	9/16/04	14:01	C. Spry	8260B	1048
Hexachlorobutadiene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1[illegible]
2-Hexanone	ND		ug/l	5.00	1	9/16/04	14:01	C. Spry	8260B	10[illegible]
Isopropylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
p-Isopropyltoluene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
4-Methyl-2-pentanone	ND		ug/l	5.00	1	9/16/04	14:01	C. Spry	8260B	1048
Methylene chloride	ND		ug/l	2.50	1	9/16/04	14:01	C. Spry	8260B	1048
Naphthalene	ND		ug/l	5.00	1	9/16/04	14:01	C. Spry	8260B	1048
n-Propylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Styrene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1,1,2-Tetrachloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1,2,2-Tetrachloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Tetrachloroethene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Toluene	0.3	J	ug/l	1.0	1	9/16/04	14:01	C. Spry	8260B	1048
1,2,3-Trichlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2,4-Trichlorobenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1,1-Trichloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,1,2-Trichloroethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Trichloroethene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2,3-Trichloropropane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
1,2,4-Trimethylbenzene	ND		ug/l	1.0	1	9/16/04	14:01	C. Spry	8260B	1048
1,3,5-Trimethylbenzene	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Vinyl chloride	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048
Xylenes (Total)	ND		ug/l	1.0	1	9/16/04	14:01	C. Spry	8260B	1048
Bromodichloromethane	ND		ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 04-A138589
Sample ID: PW040709-DR01
Project: 01-1409-14-2055-300

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/l	1.00	1	9/16/04	14:01	C. Spry	8260B	1048

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	95.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	98.	79. - 125.
VOA Surr, DBFM	92.	75. - 134.

LABORATORY COMMENTS:
ND - Not detected at the limit of detection
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

369016

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: SAIC Client #: 10552
Address: 151 Lafayette Drive
City/State/Zip Code: Oak Ridge, TN. 37831
Project Manager: Larry Tyner
Telephone Number: 865.481.4600 Fax:
Sampler Name: (Print Name) Jeffrey J. Lindau
Sampler Signature:

Project Name: Gabreski Airport
Project #:
Site/Location ID: Westhampton State: NY
Report To: Larry Tyner, Oak Ridge, TN
Invoice To: Larry Tyner, Oak Ridge, TN
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: TAL Metals	VOC	Methane	Nitrate/Nitrite	Sulfate	Sulfide					REMARKS
MW04-GW05 44055	3/23/04	1600	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓					SW-05 (Site 4)
MW04-TB01 56	3/23/04	0800	G	N	Trip		1							✓									Trip Blank (Lab Supplied)
MW04-GW24 57	3/24/04	0935	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓					SDW-024 (Site 4)
MW04-GW07 58	3/24/04	1105	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓					SW-07 (Site 4)
MW04-RS07 44059	3/24/04	1105	G	N	GW	1	6		1		3		✓	✓	✓	✓	✓	✓					Field Duplicate (SW07)

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions:
PLEASE ANALYZE NITRATE/NITRITE FIRST (48 HR HOLDING TIME)! * Due on 3/25/04@ SHIPPED VIA FEDEX STANDARD OVERNIGHT, TRACKING # 846916904300 (1 cooler) 1600.

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 0.8
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	3/24/04	1300		3/25/04	8:00
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

4

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** 369016

Client Name : SAIC

Cooler Received/Opened On: 3/25/04 **Accessioned By:** Mark Beasley

M. Beasley
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 0.8 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... (YES)...NO...NA
   a. If yes, how many, what kind and where: 2 Front Side
3. Were custody seals on containers and intact?..... (NO)...YES...NA
4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA
5. Were custody papers inside cooler?..... (YES)...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA
7. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA
12. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA
13. Were correct containers used for the analysis requested?..... (YES)...NO...NA
14. a. Were VOA vials received?..... (YES)...NO...NA
    b. Was there any observable head space present in any VOA vial?..... (NO)...YES...NA
15. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA
16. Were correct preservatives used?..... (YES)...NO...NA

    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... (NO)...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

    0420

    UPS Velocity Airborne Route Off-street (Fedex) Misc.
19. If a Non-Conformance exists, see attached or comments below:

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4/13/04 CASE NARRATIVE

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: GABRESKI AIRPORT
Project Number: .
Laboratory Project Number: 369016.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW04-GW05	04-A44055	3/23/04
MW04-TB01	04-A44056	3/23/04
MW04-GW24	04-A44057	3/24/04
MW04-GW07	04-A44058	3/24/04
MW04-RS07	04-A44059	3/24/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: _____ Report Date: 4/ 1/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: 11342

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44055
Sample ID: MW04-GW05
Sample Type: Ground water
Site ID:

Date Collected: 3/23/04
Time Collected: 16:00
Date Received: 3/25/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Acenaphthylene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Anthracene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzoic Acid	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzo(a)anthracene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzo(a)pyrene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzo(b)fluoranthene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzo(k)fluoranthene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Butylbenzylphthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Carbazole	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Chloroaniline	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Chloronaphthalene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Chlorophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Chrysene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Dibenzofuran	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
1,2-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
1,3-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
1,4-Dichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44055
Sample ID: MW04-GW05
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4-Dichlorophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Diethylphthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4-Dimethylphenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Dimethylphthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Di-n-Butylphthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4,6-Dinitro-2-methylphenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4-Dinitrophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4-dinitrotoluene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,6-Dinitrotoluene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Di-n-octylphthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Fluoranthene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Fluorene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Hexachlorobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Hexachlorobutadiene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Hexachloroethane	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Isophorone	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Methylnaphthalene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Methylphenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
3 and 4-Methylphenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Naphthalene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
3-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Nitroaniline	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Nitrobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2-Nitrophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
4-Nitrophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
N-Nitroso-Di-n-Propylamine	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Pentachlorophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Phenanthrene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Phenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Pyrene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Bis(2-ethylhexyl)phthalate	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44055
Sample ID: MW04-GW05
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
Benzyl alcohol	ND	ug/L	11.1	1	3/29/04	16:51	M.Schott	8270C	7717
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/27/04	17:17	C. Spry	8260B	9358
Benzene	ND	ug/L	1.0	1	3/27/04	17:17	C. Spry	8260B	9358
Bromobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Bromochloromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Bromoform	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Bromomethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
2-Butanone	ND	ug/L	25.0	1	3/27/04	17:17	C. Spry	8260B	9358
n-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
sec-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
tert-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Carbon disulfide	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Carbon tetrachloride	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Chlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Chloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Chloroform	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Chloromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
2-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
4-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/27/04	17:17	C. Spry	8260B	9358
Dibromochloromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2-Dibromoethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Dibromomethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1-Dichloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2-Dichloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44055
Sample ID: MW04-GW05
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,3-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
2,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Ethylbenzene	ND	ug/L	1.0	1	3/27/04	17:17	C. Spry	8260B	9358
Hexachlorobutadiene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
2-Hexanone	ND	ug/L	5.00	1	3/27/04	17:17	C. Spry	8260B	9358
Isopropylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
p-Isopropyltoluene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
4-Methyl-2-pentanone	ND	ug/L	5.00	1	3/27/04	17:17	C. Spry	8260B	9358
Methylene chloride	ND	ug/L	2.50	1	3/27/04	17:17	C. Spry	8260B	9358
Naphthalene	ND	ug/L	5.00	1	3/27/04	17:17	C. Spry	8260B	9358
n-Propylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Styrene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Tetrachloroethene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Toluene	ND	ug/L	1.0	1	3/27/04	17:17	C. Spry	8260B	9358
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Trichloroethene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	3/27/04	17:17	C. Spry	8260B	9358
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Vinyl chloride	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Xylenes (Total)	ND	ug/L	1.0	1	3/27/04	17:17	C. Spry	8260B	9358
Bromodichloromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
Trichlorofluoromethane	ND	ug/L	1.00	1	3/27/04	17:17	C. Spry	8260B	9358
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	3/30/04	10:12	K. Roberso	RSK175M	3235

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44055
Sample ID: MW04-GW05
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	65.0	J	ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	16.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	13000		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	24.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	1200		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	7.4	J	ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	807.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	3000		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	11.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	2.66		mg/l	0.100	1	3/25/04	18:20	W. Choate	353.2	3775
Sulfate	11.2		mg/l	1.00	1	3/26/04	16:16	S. Duncan	300	3243
MISCELLANEOUS CHEMISTRY										
pH	6.1					3/26/04	13:50	B.Minor	9040/150.1	3246

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44055
Sample ID: MW04-GW05
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	99.	79. - 123.
VOA Surr, DBFM	91.	78. - 124.
BNA Surr-Nitrobenzene-d5	64.	25. - 121.
BNA Surr-2-Fluorobiphenyl	69.	33. - 111.
BNA Surr-Terphenyl-d14	107.	11. - 139.
BNA Surr-Phenol-d5	25.	4. - 52.
BNA Surr-2-Fluorophenol	36.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	77.	31. - 144.
Surr - Acetylene	93.7	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44056
Sample ID: MW04-TB01
Sample Type: Ground water
Site ID:

Date Collected: 3/23/04
Time Collected: 9:00
Date Received: 3/25/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/27/04	17:48	C. Spry	8260B	9358
Benzene	ND	ug/L	1.0	1	3/27/04	17:48	C. Spry	8260B	9358
Bromobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Bromochloromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Bromoform	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Bromomethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
2-Butanone	ND	ug/L	25.0	1	3/27/04	17:48	C. Spry	8260B	9358
n-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
sec-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
tert-Butylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Carbon disulfide	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Carbon tetrachloride	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Chlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Chloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Chloroform	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Chloromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
2-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
4-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/27/04	17:48	C. Spry	8260B	9358
Dibromochloromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2-Dibromoethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Dibromomethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44056
Sample ID: MW04-TB01
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2-Dichloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,3-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
2,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Ethylbenzene	ND	ug/L	1.0	1	3/27/04	17:48	C. Spry	8260B	9358
Hexachlorobutadiene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
2-Hexanone	ND	ug/L	5.00	1	3/27/04	17:48	C. Spry	8260B	9358
Isopropylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
p-Isopropyltoluene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
4-Methyl-2-pentanone	ND	ug/L	5.00	1	3/27/04	17:48	C. Spry	8260B	9358
Methylene chloride	ND	ug/L	2.50	1	3/27/04	17:48	C. Spry	8260B	9358
Naphthalene	ND	ug/L	5.00	1	3/27/04	17:48	C. Spry	8260B	9358
n-Propylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Styrene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Tetrachloroethene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Toluene	ND	ug/L	1.0	1	3/27/04	17:48	C. Spry	8260B	9358
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Trichloroethene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	3/27/04	17:48	C. Spry	8260B	9358
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Vinyl chloride	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358
Xylenes (Total)	ND	ug/L	1.0	1	3/27/04	17:48	C. Spry	8260B	9358
Bromodichloromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44056
Sample ID: MW04-TB01
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1	3/27/04	17:48	C. Spry	8260B	9358

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	99.	79. - 123.
VOA Surr, DBFM	90.	78. - 124.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44057
Sample ID: MW04-GW24
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 9:35
Date Received: 3/25/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Acenaphthylene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Anthracene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzoic Acid	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzo(a)anthracene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzo(a)pyrene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzo(b)fluoranthene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzo(k)fluoranthene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Butylbenzylphthalate	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Carbazole	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Chloroaniline	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Chloronaphthalene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Chlorophenol	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Chrysene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Dibenzofuran	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
1,2-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
1,3-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
1,4-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44057
Sample ID: MW04-GW24
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4-Dichlorophenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Diethylphthalate	3.50	J	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4-Dimethylphenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Dimethylphthalate	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Di-n-Butylphthalate	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4-Dinitrophenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4-dinitrotoluene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,6-Dinitrotoluene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Di-n-octylphthalate	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Fluoranthene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Fluorene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Hexachlorobenzene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Hexachlorobutadiene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Hexachloroethane	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Isophorone	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Methylnaphthalene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Methylphenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
3 and 4-Methylphenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Naphthalene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
3-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Nitrobenzene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2-Nitrophenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
4-Nitrophenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Pentachlorophenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Phenanthrene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Phenol	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Pyrene	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44057
Sample ID: MW04-GW24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
Benzyl alcohol	ND	ug/L	10.0	1	3/30/04	15:31	M.Schott	8270C	7717
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/27/04	18:20	C. Spry	8260B	9358
Benzene	ND	ug/L	1.0	1	3/27/04	18:20	C. Spry	8260B	9358
Bromobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Bromochloromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Bromoform	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Bromomethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
2-Butanone	ND	ug/L	25.0	1	3/27/04	18:20	C. Spry	8260B	9358
n-Butylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
sec-Butylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
tert-Butylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Carbon disulfide	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Carbon tetrachloride	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Chlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Chloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Chloroform	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Chloromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
2-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
4-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/27/04	18:20	C. Spry	8260B	9358
Dibromochloromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2-Dibromoethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Dibromomethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1-Dichloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2-Dichloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1-Dichloroethene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44057
Sample ID: MW04-GW24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,3-Dichloropropane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
2,2-Dichloropropane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1-Dichloropropene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
cis-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
trans-1,3-Dichloropropene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Ethylbenzene	ND	ug/L	1.0	1	3/27/04	18:20	C. Spry	8260B	9358
Hexachlorobutadiene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
2-Hexanone	ND	ug/L	5.00	1	3/27/04	18:20	C. Spry	8260B	9358
Isopropylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
p-Isopropyltoluene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
4-Methyl-2-pentanone	ND	ug/L	5.00	1	3/27/04	18:20	C. Spry	8260B	9358
Methylene chloride	ND	ug/L	2.50	1	3/27/04	18:20	C. Spry	8260B	9358
Naphthalene	ND	ug/L	5.00	1	3/27/04	18:20	C. Spry	8260B	9358
n-Propylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Styrene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Tetrachloroethene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Toluene	ND	ug/L	1.0	1	3/27/04	18:20	C. Spry	8260B	9358
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1,1-Trichloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,1,2-Trichloroethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Trichloroethene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2,3-Trichloropropane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1	3/27/04	18:20	C. Spry	8260B	9358
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Vinyl chloride	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Xylenes (Total)	ND	ug/L	1.0	1	3/27/04	18:20	C. Spry	8260B	9358
Bromodichloromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
Trichlorofluoromethane	ND	ug/L	1.00	1	3/27/04	18:20	C. Spry	8260B	9358
MISCELLANEOUS GC PARAMETERS									
Methane	ND	ug/L	26.	1	3/30/04	10:15	K. Roberso	RSK175M	3235

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44057
Sample ID: MW04-GW24
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	444.		ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	29.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	2780		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	ND		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	518.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	51.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	227.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	1920		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	25.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.960		mg/l	0.100	1	3/25/04	18:21	W. Choate	353.2	3775
Sulfate	5.24		mg/l	1.00	1	3/26/04	16:16	S. Duncan	300	3243
MISCELLANEOUS CHEMISTRY										
pH	5.8					3/26/04	13:50	B.Minor	9040/150.1	3246

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44057
Sample ID: MW04-GW24
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	88.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	97.	79. - 123.
VOA Surr, DBFM	90.	78. - 124.
BNA Surr-Nitrobenzene-d5	68.	25. - 121.
BNA Surr-2-Fluorobiphenyl	68.	33. - 111.
BNA Surr-Terphenyl-d14	109.	11. - 139.
BNA Surr-Phenol-d5	26.	4. - 52.
BNA Surr-2-Fluorophenol	39.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	80.	31. - 144.
Surr - Acetylene	91.3	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44058
Sample ID: MW04-GW07
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 11:05
Date Received: 3/25/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil. Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Acenaphthylene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Anthracene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzoic Acid	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzo(a)anthracene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzo(a)pyrene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzo(b)fluoranthene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzo(k)fluoranthene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Bromophenyl-phenylether	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Butylbenzylphthalate	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Carbazole	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Chloroaniline	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Bis(2-chloroethoxy)methane	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Bis(2-chloroethyl)ether	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Bis(2-chloroisopropyl)ether	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Chloronaphthalene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Chlorophenol	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Chlorophenyl-phenylether	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Chrysene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Dibenzofuran	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
1,2-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
1,3-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
1,4-Dichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717

Sample report continued . . .

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Laboratory Number: 04-A44058
Sample ID: MW04-GW07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4-Dichlorophenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Diethylphthalate	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4-Dimethylphenol	1.40	J	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Dimethylphthalate	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Di-n-Butylphthalate	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4,6-Dinitro-2-methylphenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4-Dinitrophenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4-dinitrotoluene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,6-Dinitrotoluene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Di-n-octylphthalate	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Fluoranthene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Fluorene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Hexachlorobenzene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Hexachlorobutadiene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Hexachlorocyclopentadiene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Hexachloroethane	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Isophorone	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Methylnaphthalene	6.90	J	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Methylphenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
3 and 4-Methylphenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Naphthalene	18.0		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
3-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Nitroaniline	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Nitrobenzene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2-Nitrophenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
4-Nitrophenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
N-Nitroso-Di-n-Propylamine	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
N-Nitrosodiphenylamine	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Pentachlorophenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Phenanthrene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Phenol	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Pyrene	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44058
Sample ID: MW04-GW07
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
Benzyl alcohol	ND	ug/L	10.0	1	3/30/04	15:55	M.Schott	8270C	7717
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/27/04	18:52	C. Spry	8260B	9358
Benzene	ND	ug/L	1.0	1	3/27/04	18:52	C. Spry	8260B	9358
Bromobenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Bromochloromethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Bromoform	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Bromomethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
2-Butanone	ND	ug/L	25.0	1	3/27/04	18:52	C. Spry	8260B	9358
n-Butylbenzene	1.00	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
sec-Butylbenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
tert-Butylbenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Carbon disulfide	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Carbon tetrachloride	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Chlorobenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Chloroethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Chloroform	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Chloromethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
2-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
4-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/27/04	18:52	C. Spry	8260B	9358
Dibromochloromethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2-Dibromoethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Dibromomethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1-Dichloroethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2-Dichloroethane	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1-Dichloroethene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44058
Sample ID: MW04-GW07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2-Dichloropropane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,3-Dichloropropane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
2,2-Dichloropropane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1-Dichloropropene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Ethylbenzene	38.0		ug/L	1.0	1	3/27/04	18:52	C. Spry	8260B	9358
Hexachlorobutadiene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
2-Hexanone	ND		ug/L	5.00	1	3/27/04	18:52	C. Spry	8260B	9358
Isopropylbenzene	6.50		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
p-Isopropyltoluene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
4-Methyl-2-pentanone	ND		ug/L	5.00	1	3/27/04	18:52	C. Spry	8260B	9358
Methylene chloride	ND		ug/L	2.50	1	3/27/04	18:52	C. Spry	8260B	9358
Naphthalene	14.3	B	ug/L	5.00	1	3/27/04	18:52	C. Spry	8260B	9358
n-Propylbenzene	6.20		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Styrene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Tetrachloroethene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Toluene	ND		ug/L	1.0	1	3/27/04	18:52	C. Spry	8260B	9358
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1,1-Trichloroethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,1,2-Trichloroethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Trichloroethene	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2,3-Trichloropropane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
1,2,4-Trimethylbenzene	44.4		ug/L	1.0	1	3/27/04	18:52	C. Spry	8260B	9358
1,3,5-Trimethylbenzene	21.7		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Vinyl chloride	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Xylenes (Total)	207.		ug/L	1.0	1	3/27/04	18:52	C. Spry	8260B	9358
Bromodichloromethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
Trichlorofluoromethane	ND		ug/L	1.00	1	3/27/04	18:52	C. Spry	8260B	9358
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	3/30/04	10:20	K. Roberso	RSK175M	3235

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44058
Sample ID: MW04-GW07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	369.		ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	21.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	2330		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	734.		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	811.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	32.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	357.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	4500		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	7.2	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.250		mg/l	0.100	1	3/25/04	18:22	W. Choate	353.2	3775
Sulfate	5.68		mg/l	1.00	1	3/26/04	16:16	S. Duncan	300	3243
MISCELLANEOUS CHEMISTRY										
pH	6.1					3/26/04	13:55	B.Minor	9040/150.1	3246

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44058
Sample ID: MW04-GW07
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	950. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	91.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	99.	79. - 123.
VOA Surr, DBFM	95.	78. - 124.
BNA Surr-Nitrobenzene-d5	66.	25. - 121.
BNA Surr-2-Fluorobiphenyl	67.	33. - 111.
BNA Surr-Terphenyl-d14	105.	11. - 139.
BNA Surr-Phenol-d5	27.	4. - 52.
BNA Surr-2-Fluorophenol	38.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	80.	31. - 144.
Surr - Acetylene	95.4	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

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ANALYTICAL REPORT

INTEGRATED SOLUTIONS & SERVICE 10552
TOM JONES
318 NORTH GAY STREET
KNOXVILLE, TN 37917

Project:
Project Name: GABRESKI AIRPORT
Sampler: JEFFREY LINDAW

Lab Number: 04-A44059
Sample ID: MW04-RS07
Sample Type: Ground water
Site ID:

Date Collected: 3/24/04
Time Collected: 11:05
Date Received: 3/25/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Acenaphthylene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Anthracene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzoic Acid	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzo(a)anthracene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzo(a)pyrene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzo(b)fluoranthene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzo(k)fluoranthene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Bromophenyl-phenylether	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Butylbenzylphthalate	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Carbazole	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Chloroaniline	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Bis(2-chloroethoxy)methane	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Bis(2-chloroethyl)ether	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Bis(2-chloroisopropyl)ether	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Chloronaphthalene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Chlorophenol	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Chlorophenyl-phenylether	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Chrysene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Dibenzofuran	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
1,2-Dichlorobenzene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
1,3-Dichlorobenzene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
1,4-Dichlorobenzene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717

Sample report continued . . .

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Laboratory Number: 04-A44059
Sample ID: MW04-RS07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
3,3'-Dichlorobenzidine	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4-Dichlorophenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Diethylphthalate	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4-Dimethylphenol	2.00	J	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Dimethylphthalate	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Di-n-Butylphthalate	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4,6-Dinitro-2-methylphenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4-Dinitrophenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4-dinitrotoluene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,6-Dinitrotoluene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Di-n-octylphthalate	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Fluoranthene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	771
Fluorene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Hexachlorobenzene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Hexachlorobutadiene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Hexachlorocyclopentadiene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Hexachloroethane	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Indeno(1,2,3-cd)pyrene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Isophorone	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Methylnaphthalene	10.6	J	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Methylphenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
3 and 4-Methylphenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Naphthalene	27.8		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Nitroaniline	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
3-Nitroaniline	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Nitroaniline	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Nitrobenzene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2-Nitrophenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
4-Nitrophenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
N-Nitroso-Di-n-Propylamine	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
N-Nitrosodiphenylamine	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Pentachlorophenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Phenanthrene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Phenol	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Pyrene	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Bis(2-ethylhexyl)phthalate	ND		ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44059
Sample ID: MW04-RS07
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2,4-Trichlorobenzene	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
Benzyl alcohol	ND	ug/L	11.1	1	3/30/04	16:19	M.Schott	8270C	7717
VOLATILE ORGANICS									
Acetone	ND	ug/L	25.0	1	3/27/04	19:24	C. Spry	8260B	9358
Benzene	ND	ug/L	1.0	1	3/27/04	19:24	C. Spry	8260B	9358
Bromobenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Bromochloromethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Bromoform	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Bromomethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
2-Butanone	ND	ug/L	25.0	1	3/27/04	19:24	C. Spry	8260B	9358
n-Butylbenzene	2.10	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
sec-Butylbenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
tert-Butylbenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Carbon disulfide	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Carbon tetrachloride	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Chlorobenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Chloroethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Chloroform	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Chloromethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
2-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
4-Chlorotoluene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1	3/27/04	19:24	C. Spry	8260B	9358
Dibromochloromethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2-Dibromoethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Dibromomethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,3-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,4-Dichlorobenzene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Dichlorodifluoromethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1-Dichloroethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2-Dichloroethane	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1-Dichloroethene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
cis-1,2-Dichloroethene	ND	ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44059
Sample ID: MW04-RS07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2-Dichloropropane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,3-Dichloropropane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
2,2-Dichloropropane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1-Dichloropropene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Ethylbenzene	111.		ug/L	1.0	1	3/27/04	19:24	C. Spry	8260B	9358
Hexachlorobutadiene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
2-Hexanone	ND		ug/L	5.00	1	3/27/04	19:24	C. Spry	8260B	9358
Isopropylbenzene	15.3		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
p-Isopropyltoluene	1.80		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	935
4-Methyl-2-pentanone	ND		ug/L	5.00	1	3/27/04	19:24	C. Spry	8260B	9358
Methylene chloride	ND		ug/L	2.50	1	3/27/04	19:24	C. Spry	8260B	9358
Naphthalene	31.6	B	ug/L	5.00	1	3/27/04	19:24	C. Spry	8260B	9358
n-Propylbenzene	17.3		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Styrene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Tetrachloroethene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Toluene	0.7	J	ug/L	1.0	1	3/27/04	19:24	C. Spry	8260B	9358
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1,1-Trichloroethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,1,2-Trichloroethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Trichloroethene	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2,3-Trichloropropane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
1,2,4-Trimethylbenzene	108.		ug/L	1.0	1	3/27/04	19:24	C. Spry	8260B	9358
1,3,5-Trimethylbenzene	43.3		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Vinyl chloride	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Xylenes (Total)	524.		ug/L	5.0	5	3/29/04	15:37	C. Spry	8260B	9361
Bromodichloromethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
Trichlorofluoromethane	ND		ug/L	1.00	1	3/27/04	19:24	C. Spry	8260B	9358
MISCELLANEOUS GC PARAMETERS										
Methane	ND		ug/L	26.	1	3/30/04	10:23	K. Roberso	RSK175M	3235

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44059
Sample ID: MW04-RS07
Project:

Analyte	Result		Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
METALS										
Aluminum	181.		ug/L	100.	1	3/30/04	8:49	C.Johnson	6010B	6370
Antimony	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Arsenic	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Barium	32.0		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Beryllium	ND		ug/L	4.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cadmium	ND		ug/L	1.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Calcium	2430		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Chromium	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Cobalt	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Copper	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Iron	670.		ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Lead	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Magnesium	816.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Manganese	30.0		ug/L	15.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Mercury	ND		ug/L	0.20	1	3/30/04	8:23	K. Keller	7470A	6373
Nickel	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Potassium	308.	J	ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Selenium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Silver	ND		ug/L	5.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Sodium	4250		ug/L	1000	1	3/30/04	8:49	C.Johnson	6010B	6370
Thallium	ND		ug/L	10.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Vanadium	ND		ug/L	20.0	1	3/30/04	8:49	C.Johnson	6010B	6370
Zinc	18.0	J	ug/L	50.0	1	3/30/04	8:49	C.Johnson	6010B	6370
MISCELLANEOUS CHEMISTRY										
Nitrate/Nitrite-N as N	0.270		mg/l	0.100	1	3/25/04	18:24	W. Choate	353.2	3775
Sulfate	5.80		mg/l	1.00	1	3/26/04	16:16	S. Duncan	300	3243
MISCELLANEOUS CHEMISTRY										
pH	6.4					3/26/04	13:55	B.Minor	9040/150.1	3246

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A44059
Sample ID: MW04-RS07
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	900. ml	1.0 ml	3/27/04		M. Ricke	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	86.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	100.	79. - 123.
VOA Surr, DBFM	90.	78. - 124.
BNA Surr-Nitrobenzene-d5	74.	25. - 121.
BNA Surr-2-Fluorobiphenyl	76.	33. - 111.
BNA Surr-Terphenyl-d14	117.	11. - 139.
BNA Surr-Phenol-d5	28.	4. - 52.
BNA Surr-2-Fluorophenol	41.	5. - 78.
BNA Surr-2,4,6-Tribromophenol	88.	31. - 144.
Surr - Acetylene	100.	70. - 130.

LABORATORY COMMENTS:
ND = Not detected at the limit of detection
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method RSK175M/8015BM modified for use with Headspace analyzer.

End of Sample Report.

TestAmerica
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PROJECT QUALITY CONTROL DATA
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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0508	0.0500	102	73 - 135	9358	43841
Chlorobenzene	mg/l	< 0.00100	0.0516	0.0500	103	77 - 130	9358	43841
1,1-Dichloroethene	mg/l	< 0.00100	0.0470	0.0500	94	71 - 143	9358	43841
Toluene	mg/l	< 0.0010	0.0519	0.0500	104	69 - 139	9358	43841
Trichloroethene	mg/l	< 0.00100	0.0553	0.0500	111	72 - 141	9358	43841
Tetrachloroethene	mg/l	< 0.00100	0.0550	0.0500	110	68 - 140	9358	43841
VOA Surr 1,2-DCA-d4	% Rec				91	71 - 128	9358	
VOA Surr Toluene-d8	% Rec				97	77 - 119	9358	
VOA Surr, 4-BFB	% Rec				96	79 - 123	9358	
VOA Surr, DBFM	% Rec				94	78 - 124	9358	
EXTRACTABLE PARAMETERS								
1,4-Dichlorobenzene	mg/l	< 0.0100	0.0290	0.0500	58	23 - 94	7717	'44811
N-Nitroso-Di-n-Propylamine	mg/l	< 0.0100	0.0440	0.0500	88	34 - 124	7717	'44811
1,2,4-Trichlorobenzene	mg/l	< 0.0100	0.0280	0.0500	56	23 - 101	7717	'44811
4-Chloro-3-methylphenol	mg/l	< 0.0100	0.0370	0.0500	74	20 - 125	7717	'44811
Acenaphthene	mg/l	< 0.0100	0.0380	0.0500	76	33 - 116	7717	'44811
2,4-dinitrotoluene	mg/l	< 0.0100	0.0480	0.0500	96	50 - 133	7717	'44811
Pyrene	mg/l	< 0.0100	0.0580	0.0500	116	42 - 128	7717	'44811
2-Chlorophenol	mg/l	< 0.0100	0.0340	0.0500	68	10 - 131	7717	'44811
4-Nitrophenol	mg/l	< 0.0100	0.0160	0.0500	32	10 - 87	7717	'44811
Pentachlorophenol	mg/l	< 0.0100	0.0520	0.0500	104	10 - 165	7717	'44811

Project QC continued . . .

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METALS								
Aluminum	mg/l	0.152	2.41	2.00	113	80 - 120	6370	04-A44811
Antimony	mg/l	< 0.0100	0.112	0.100	112	80 - 120	6370	04-A44811
Arsenic	mg/l	< 0.0100	0.0550	0.0500	110	80 - 120	6370	04-A44811
Barium	mg/l	0.0270	2.16	2.00	107	80 - 120	6370	04-A44811
Beryllium	mg/l	< 0.0040	0.0550	0.0500	110	80 - 120	6370	04-A44811
Cadmium	mg/l	0.0007	0.0560	0.0500	111	80 - 120	6370	04-A44811
Chromium	mg/l	0.0023	0.220	0.200	109	80 - 120	6370	04-A44811
Cobalt	mg/l	0.0046	0.539	0.500	107	80 - 120	6370	04-A44811
Copper	mg/l	< 0.0100	0.272	0.250	109	80 - 120	6370	04-A44811
Iron	mg/l	0.0640	1.14	1.00	108	80 - 120	6370	04-A44811
Lead	mg/l	< 0.0050	0.0530	0.0500	106	80 - 120	6370	04-[illegible]
Manganese	mg/l	0.0390	0.582	0.500	109	80 - 120	6370	04-A44811
Mercury	mg/l	< 0.00020	0.00105	0.00100	105	80 - 120	6373	04-A44811
Nickel	mg/l	< 0.0100	0.541	0.500	108	80 - 120	6370	04-A44811
Selenium	mg/l	< 0.0100	0.0600	0.0500	120#	80 - 120	6370	04-A44811
Silver	mg/l	0.0017	0.0580	0.0500	113	80 - 120	6370	04-A44811
Thallium	mg/l	< 0.0100	0.0220	0.0500	44#	80 - 120	6370	04-A44811
Vanadium	mg/l	< 0.0200	0.529	0.500	106	80 - 120	6370	04-A44811
Zinc	mg/l	0.0200	0.527	0.500	101	80 - 120	6370	04-A44811
MISC PARAMETERS								
Nitrate/Nitrite-N as N	mg/l	2.66	8.90	6.00	104	80 - 120	3775	04-A44055
Nitrate/Nitrite-N as N	mg/l	2.66	8.55	6.00	98	80 - 120	3775	04-A44055
Sulfate	mg/l	11.2	25.9	15.0	98	80 - 120	3243	04-A44055
Methane	mg/L	< 0.026	1.15	1.33	86	40 - 140	3235	04-A44055

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
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Project QC continued . . .

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VOA PARAMETERS						
Benzene	mg/l	0.0508	0.0505	0.59	21.	9358
Chlorobenzene	mg/l	0.0516	0.0516	0.00	19.	9358
1,1-Dichloroethene	mg/l	0.0470	0.0461	1.93	21.	9358
Toluene	mg/l	0.0519	0.0519	0.00	24.	9358
Trichloroethene	mg/l	0.0553	0.0558	0.90	21.	9358
Tetrachloroethene	mg/l	0.0550	0.0550	0.00	21.	9358
VOA Surr 1,2-DCA-d4	% Rec		88.			9358
VOA Surr Toluene-d8	% Rec		97.			9358
VOA Surr, 4-BFB	% Rec		97.			9358
VOA Surr, DBFM	% Rec		94.			9358
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/l	0.0290	0.0330	12.90	40.	7717
N-Nitroso-Di-n-Propylamine	mg/l	0.0440	0.0420	4.65	40.	7717
1,2,4-Trichlorobenzene	mg/l	0.0280	0.0300	6.90	44.	7717
4-Chloro-3-methylphenol	mg/l	0.0370	0.0380	2.67	39.	7717
Acenaphthene	mg/l	0.0380	0.0360	5.41	37.	7717
2,4-dinitrotoluene	mg/l	0.0480	0.0460	4.26	42.	7717
Pyrene	mg/l	0.0580	0.0540	7.14	36.	7717
2-Chlorophenol	mg/l	0.0340	0.0330	2.99	48.	7717
4-Nitrophenol	mg/l	0.0160	0.0140	13.33	53.	7717
Pentachlorophenol	mg/l	0.0520	0.0500	3.92	52.	7717
BNA Surr-Nitrobenzene-d5	% Rec		66.			7717
BNA Surr-2-Fluorobiphenyl	% Rec		72.			7717
BNA Surr-Terphenyl-d14	% Rec		106.			7717
BNA Surr-Phenol-d5	% Rec		25.			7717
BNA Surr-2-Fluorophenol	% Rec		35.			7717
BNA Surr-2,4,6-Tribromophenol	% Rec		79.			7717
MISC PARAMETERS						
Methane	mg/L	1.15	1.23	6.72	50	3235
Nitrate/Nitrite-N as N	mg/l	8.90	8.55	4.01	20	3775
Sulfate	mg/l	25.9	26.3	1.53	20	3243

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.232	93	55 - 144	9358
Benzene	mg/l	0.0500	0.0483	97	81 - 121	9358
Bromobenzene	mg/l	0.0500	0.0487	97	72 - 129	9358
Bromochloromethane	mg/l	0.0500	0.0520	104	75 - 137	9358
Bromoform	mg/l	0.0500	0.0418	84	54 - 127	9358
Bromomethane	mg/l	0.0500	0.0547	109	54 - 160	9358
2-Butanone	mg/l	0.250	0.226	90	62 - 146	9358
n-Butylbenzene	mg/l	0.0500	0.0478	96	68 - 139	9358
sec-Butylbenzene	mg/l	0.0500	0.0502	100	75 - 135	9358
tert-Butylbenzene	mg/l	0.0500	0.0480	96	73 - 135	9358
Carbon disulfide	mg/l	0.0500	0.0479	96	71 - 139	9358
Carbon tetrachloride	mg/l	0.0500	0.0517	103	70 - 131	9358
Chlorobenzene	mg/l	0.0500	0.0481	96	87 - 120	9358
Chloroethane	mg/l	0.0500	0.0559	112	65 - 145	9358
Chloroform	mg/l	0.0500	0.0495	99	77 - 128	9358
Chloromethane	mg/l	0.0500	0.0411	82	46 - 147	9358
2-Chlorotoluene	mg/l	0.0500	0.0532	106	78 - 128	9358
4-Chlorotoluene	mg/l	0.0500	0.0485	97	80 - 130	9358
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0439	88	55 - 135	9358
Dibromochloromethane	mg/l	0.0500	0.0444	89	63 - 132	9358
1,2-Dibromoethane	mg/l	0.0500	0.0499	100	77 - 136	9358
Dibromomethane	mg/l	0.0500	0.0532	106	75 - 133	9358
1,2-Dichlorobenzene	mg/l	0.0500	0.0482	96	83 - 126	9358
1,3-Dichlorobenzene	mg/l	0.0500	0.0497	99	85 - 124	9358
1,4-Dichlorobenzene	mg/l	0.0500	0.0478	96	83 - 122	9358
Dichlorodifluoromethane	mg/l	0.0500	0.0434	87	52 - 159	9358
1,1-Dichloroethane	mg/l	0.0500	0.0449	90	76 - 129	9358

Project QC continued . . .

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dichloroethane	mg/l	0.0500	0.0473	95	70 - 136	9358
1,1-Dichloroethene	mg/l	0.0500	0.0448	90	77 - 133	9358
cis-1,2-Dichloroethene	mg/l	0.0500	0.0454	91	76 - 129	9358
trans-1,2-Dichloroethene	mg/l	0.0500	0.0458	92	73 - 135	9358
1,2-Dichloropropane	mg/l	0.0500	0.0493	99	74 - 130	9358
1,3-Dichloropropane	mg/l	0.0500	0.0465	93	79 - 129	9358
2,2-Dichloropropane	mg/l	0.0500	0.0441	88	39 - 151	9358
1,1-Dichloropropene	mg/l	0.0500	0.0493	99	80 - 129	9358
cis-1,3-Dichloropropene	mg/l	0.0500	0.0451	90	59 - 136	9358
trans-1,3-Dichloropropene	mg/l	0.0500	0.0434	87	59 - 135	9358
Ethylbenzene	mg/l	0.0500	0.0504	101	78 - 126	9358
Hexachlorobutadiene	mg/l	0.0500	0.0483	97	60 - 142	9358
2-Hexanone	mg/l	0.250	0.229	92	61 - 148	9358
Isopropylbenzene	mg/l	0.0500	0.0467	93	74 - 134	9358
p-Isopropyltoluene	mg/l	0.0500	0.0482	96	79 - 130	9358
4-Methyl-2-pentanone	mg/l	0.250	0.247	99	59 - 147	9358
Methylene chloride	mg/l	0.0500	0.0473	95	68 - 132	9358
Naphthalene	mg/l	0.0500	0.0477	95	53 - 152	9358
n-Propylbenzene	mg/l	0.0500	0.0518	104	73 - 134	9358
Styrene	mg/l	0.0500	0.0466	93	78 - 134	9358
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0466	93	75 - 131	9358
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0472	94	62 - 142	9358
Tetrachloroethene	mg/l	0.0500	0.0508	102	77 - 129	9358
Toluene	mg/l	0.0500	0.0475	95	77 - 125	9358
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0472	94	54 - 155	9358
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0456	91	61 - 145	9358
1,1,1-Trichloroethane	mg/l	0.0500	0.0493	99	66 - 139	9358
1,1,2-Trichloroethane	mg/l	0.0500	0.0479	96	77 - 132	9358
Trichloroethene	mg/l	0.0500	0.0526	105	80 - 132	9358
1,2,3-Trichloropropane	mg/l	0.0500	0.0464	93	54 - 144	9358
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0504	101	74 - 130	9358

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0497	99	77 - 131	9358
Vinyl chloride	mg/l	0.0500	0.0445	89	69 - 139	9358
Xylenes (Total)	mg/l	0.150	0.151	101	78 - 127	9358
Xylenes (Total)	mg/l	0.150	0.162	108	78 - 127	9361
Bromodichloromethane	mg/l	0.0500	0.0525	105	67 - 135	9358
Trichlorofluoromethane	mg/l	0.0500	0.0428	86	64 - 143	9358
Methane	mg/L	1.33	1.56	117	79 - 121	3235
VOA Surr 1,2-DCA-d4	% Rec			91	71 - 128	9358
VOA Surr 1,2-DCA-d4	% Rec			86	71 - 128	9361
VOA Surr Toluene-d8	% Rec			96	77 - 119	9358
VOA Surr Toluene-d8	% Rec			95	77 - 119	9361
VOA Surr, 4-BFB	% Rec			94	79 - 123	9358
VOA Surr, 4-BFB	% Rec			97	79 - 123	9361
VOA Surr, DBFM	% Rec			95	78 - 124	9358
VOA Surr, DBFM	% Rec			95	78 - 124	9361
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.0500	0.0320	64	43 - 108	7717
Acenaphthylene	mg/l	0.0500	0.0330	66	43 - 110	7717
Anthracene	mg/l	0.0500	0.0370	74	51 - 124	7717
Benzoic Acid	mg/l	0.0500	0.0130	26	11 - 68	7717
Benzo(a)anthracene	mg/l	0.0500	0.0460	92	47 - 128	7717
Benzo(a)pyrene	mg/l	0.0500	0.0410	82	48 - 125	7717
Benzo(b)fluoranthene	mg/l	0.0500	0.0410	82	45 - 123	7717
Benzo(g,h,i)perylene	mg/l	0.0500	0.0370	74	32 - 139	7717
Benzo(k)fluoranthene	mg/l	0.0500	0.0370	74	48 - 131	7717
4-Bromophenyl-phenylether	mg/l	0.0500	0.0320	64	53 - 124	7717
Butylbenzylphthalate	mg/l	0.0500	0.0480	96	45 - 136	7717
Carbazole	mg/l	0.0500	0.0370	74	47 - 115	7717
4-Chloro-3-methylphenol	mg/l	0.0500	0.0340	68	41 - 121	7717
4-Chloroaniline	mg/l	0.0500	0.0310	62	32 - 109	7717
Bis(2-chloroethoxy)methane	mg/l	0.0500	0.0340	68	44 - 113	7717

Project QC continued . . .

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Bis(2-chloroethyl)ether	mg/l	0.0500	0.0310	62	37 - 114	7717
Bis(2-chloroisopropyl)ether	mg/l	0.0500	0.0310	62	37 - 111	7717
2-Chloronaphthalene	mg/l	0.0500	0.0290	58	37 - 108	7717
4-Chlorophenyl-phenylether	mg/l	0.0500	0.0330	66	47 - 121	7717
Chrysene	mg/l	0.0500	0.0440	88	47 - 128	7717
Dibenzofuran	mg/l	0.0500	0.0340	68	44 - 115	7717
Dibenz(a,h)anthracene	mg/l	0.0500	0.0360	72	40 - 135	7717
1,2-Dichlorobenzene	mg/l	0.0500	0.0240	48	40 - 95	7717
1,3-Dichlorobenzene	mg/l	0.0500	0.0230	46	38 - 91	7717
1,4-Dichlorobenzene	mg/l	0.0500	0.0230	46	38 - 92	7717
3,3'-Dichlorobenzidine	mg/l	0.0500	0.0320	64	39 - 159	7717
Diethylphthalate	mg/l	0.0500	0.0390	78	49 - 130	7717
Dimethylphthalate	mg/l	0.0500	0.0350	70	51 - 126	7717
2,4-dinitrotoluene	mg/l	0.0500	0.0410	82	55 - 130	7717
2,6-Dinitrotoluene	mg/l	0.0500	0.0410	82	51 - 132	7717
Di-n-octylphthalate	mg/l	0.0500	0.0360	72	41 - 140	7717
Fluoranthene	mg/l	0.0500	0.0370	74	54 - 125	7717
Fluorene	mg/l	0.0500	0.0360	72	46 - 120	7717
Hexachlorobenzene	mg/l	0.0500	0.0350	70	54 - 128	7717
Hexachlorobutadiene	mg/l	0.0500	0.0230	46	37 - 98	7717
Hexachlorocyclopentadiene	mg/l	0.0500	0.0220	44	24 - 85	7717
Hexachloroethane	mg/l	0.0500	0.0220	44	36 - 91	7717
Indeno(1,2,3-cd)pyrene	mg/l	0.0500	0.0380	76	35 - 138	7717
Isophorone	mg/l	0.0500	0.0330	66	44 - 113	7717
2-Methylnaphthalene	mg/l	0.0500	0.0280	56	42 - 114	7717
Naphthalene	mg/l	0.0500	0.0250	50	31 - 101	7717
2-Nitroaniline	mg/l	0.0500	0.0380	76	44 - 109	7717
3-Nitroaniline	mg/l	0.0500	0.0360	72	41 - 112	7717
4-Nitroaniline	mg/l	0.0500	0.0390	78	44 - 116	7717
Nitrobenzene	mg/l	0.0500	0.0280	56	34 - 117	7717
N-Nitroso-Di-n-Propylamine	mg/l	0.0500	0.0340	68	40 - 120	7717

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
N-Nitrosodiphenylamine	mg/l	0.0500	0.0340	68	56 - 126	7717
Phenanthrene	mg/l	0.0500	0.0350	70	52 - 120	7717
Pyrene	mg/l	0.0500	0.0480	96	46 - 128	7717
Bis(2-ethylhexyl)phthalate	mg/l	0.0500	0.0440	88	45 - 136	7717
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0230	46	40 - 99	7717
2,4,6-Trichlorophenol	mg/l	0.0500	0.0320	64	32 - 133	7717
Benzyl alcohol	mg/l	0.0500	0.0280	56	18 - 123	7717
2-Chlorophenol	mg/l	0.0500	0.0280	56	32 - 122	7717
2,4-Dichlorophenol	mg/l	0.0500	0.0280	56	41 - 130	7717
2,4-Dimethylphenol	mg/l	0.0500	0.0230	46	40 - 109	7717
4,6-Dinitro-2-methylphenol	mg/l	0.0500	0.0340	68	35 - 140	7717
2,4-Dinitrophenol	mg/l	0.0500	0.0360	72	47 - 128	7717
2-Methylphenol	mg/l	0.0500	0.0130	26	26 - 104	7717
3 and 4-Methylphenol	mg/l	0.0500	0.0290	58	24 - 99	7717
2-Nitrophenol	mg/l	0.0500	0.0290	58	32 - 125	7717
4-Nitrophenol	mg/l	0.0500	0.0160	32	12 - 82	7717
Pentachlorophenol	mg/l	0.0500	0.0450	90	36 - 136	7717
Phenol	mg/l	0.0500	0.0140	28	20 - 59	7717
2,4,5-Trichlorophenol	mg/l	0.0500	0.0350	70	36 - 132	7717
BNA Surr-Nitrobenzene-d5	% Rec			56	25 - 121	7717
BNA Surr-2-Fluorobiphenyl	% Rec			61	33 - 111	7717
BNA Surr-Terphenyl-d14	% Rec			96	11 - 139	7717
BNA Surr-Phenol-d5	% Rec			25	4 - 52	7717
BNA Surr-2-Fluorophenol	% Rec			34	5 - 78	7717
BNA Surr-2,4,6-Tribromophenol	% Rec			69	31 - 144	7717
METALS						
Aluminum	mg/l	2.00	2.22	111	80 - 120	6370
Antimony	mg/l	0.100	0.103	103	80 - 120	6370
Arsenic	mg/l	0.0500	0.0560	112	80 - 120	6370
Barium	mg/l	2.00	2.05	102	80 - 120	6370
Beryllium	mg/l	0.0500	0.0530	106	80 - 120	6370

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Cadmium	mg/l	0.0500	0.0520	104	80 - 120	6370
Calcium	mg/l	5.00	5.47	109	80 - 120	6370
Chromium	mg/l	0.200	0.208	104	80 - 120	6370
Cobalt	mg/l	0.500	0.513	103	80 - 120	6370
Copper	mg/l	0.250	0.257	103	80 - 120	6370
Iron	mg/l	1.00	1.06	106	80 - 120	6370
Lead	mg/l	0.0500	0.0510	102	80 - 120	6370
Magnesium	mg/l	5.00	5.42	108	80 - 120	6370
Manganese	mg/l	0.500	0.521	104	80 - 120	6370
Mercury	mg/l	0.00100	0.00110	110	76 - 123	6373
Nickel	mg/l	0.500	0.508	102	80 - 120	6370
Potassium	mg/l	5.00	4.82	96	80 - 120	6370
Selenium	mg/l	0.0500	0.0540	108	80 - 120	6370
Silver	mg/l	0.0500	0.0540	108	80 - 120	6370
Sodium	mg/l	5.00	5.25	105	80 - 120	6370
Thallium	mg/l	0.0500	0.0530	106	80 - 120	6370
Vanadium	mg/l	0.500	0.508	102	80 - 120	6370
Zinc	mg/l	0.500	0.491	98	80 - 120	6370
MISC PARAMETERS						
Nitrate/Nitrite-N as N	mg/l	6.00	6.08	101	66 - 132	3775
Sulfate	mg/l	15.0	14.9	99	90 - 110	3243

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Aluminum	mg/l	0.152	0.159	4.50	15.	6370	04-A44811
Antimony	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811

Project QC continued . . .

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Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Arsenic	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Barium	mg/l	0.0270	0.0270	0.00	15.	6370	04-A44811
Beryllium	mg/l	< 0.0040	< 0.0040	N/A	15.	6370	04-A44811
Cadmium	mg/l	0.0007	0.0009	25.00 #	15.	6370	04-A44811
Calcium	mg/l	6.24	6.30	0.96	15.	6370	04-A44811
Chromium	mg/l	0.0023	0.0028	19.61 #	15.	6370	04-A44811
Cobalt	mg/l	0.0046	0.0054	16.00 #	15.	6370	04-A44811
Copper	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Iron	mg/l	0.0640	0.0750	15.83 #	15.	6370	04-A44811
Lead	mg/l	< 0.0050	< 0.0050	N/A	15.	6370	04-A44811
Magnesium	mg/l	1.32	1.34	1.50	15.	6370	04-A44811
Manganese	mg/l	0.0390	0.0390	0.00	15.	6370	04-A44811
Nickel	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Potassium	mg/l	0.563	0.588	4.34	15.	6370	04-A44811
Selenium	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Silver	mg/l	0.0017	0.0026	41.86 #	15.	6370	04-A44811
Sodium	mg/l	2.94	3.13	6.26	15.	6370	04-A44811
Thallium	mg/l	< 0.0100	< 0.0100	N/A	15.	6370	04-A44811
Vanadium	mg/l	< 0.0200	0.0023	N/A	15.	6370	04-A44811
Zinc	mg/l	0.0200	0.0250	22.22 #	15.	6370	04-A44811
pH	pH Units	6.40	6.50	1.55	15.	3246	04-A44059
Sulfate	mg/l	5.80	5.89	1.54	15.	3243	04-A44059

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

Project QC continued . . .

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VOA PARAMETERS					
Acetone	< 0.00470	mg/l	9358	3/27/04	13:02
Benzene	< 0.0005	mg/l	9358	3/27/04	13:02
Bromobenzene	< 0.00030	mg/l	9358	3/27/04	13:02
Bromochloromethane	< 0.00030	mg/l	9358	3/27/04	13:02
Bromoform	< 0.00060	mg/l	9358	3/27/04	13:02
Bromomethane	< 0.00060	mg/l	9358	3/27/04	13:02
2-Butanone	< 0.00310	mg/l	9358	3/27/04	13:02
n-Butylbenzene	< 0.00010	mg/l	9358	3/27/04	13:02
sec-Butylbenzene	< 0.00030	mg/l	9358	3/27/04	13:02
tert-Butylbenzene	< 0.00030	mg/l	9358	3/27/04	13:02
Carbon disulfide	< 0.00020	mg/l	9358	3/27/04	13:02
Carbon tetrachloride	< 0.00040	mg/l	9358	3/27/04	13:02
Chlorobenzene	< 0.00020	mg/l	9358	3/27/04	13:02
Chloroethane	< 0.00100	mg/l	9358	3/27/04	13:02
Chloroform	< 0.00080	mg/l	9358	3/27/04	13:02
Chloromethane	< 0.00070	mg/l	9358	3/27/04	13:02
2-Chlorotoluene	< 0.00040	mg/l	9358	3/27/04	13:02
4-Chlorotoluene	< 0.00050	mg/l	9358	3/27/04	13:02
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	9358	3/27/04	13:02
Dibromochloromethane	< 0.00050	mg/l	9358	3/27/04	13:02
1,2-Dibromoethane	< 0.00040	mg/l	9358	3/27/04	13:02
Dibromomethane	< 0.00090	mg/l	9358	3/27/04	13:02
1,2-Dichlorobenzene	< 0.00020	mg/l	9358	3/27/04	13:02
1,3-Dichlorobenzene	< 0.00030	mg/l	9358	3/27/04	13:02
1,4-Dichlorobenzene	< 0.00040	mg/l	9358	3/27/04	13:02
Dichlorodifluoromethane	< 0.00050	mg/l	9358	3/27/04	13:02
1,1-Dichloroethane	< 0.00020	mg/l	9358	3/27/04	13:02
1,2-Dichloroethane	< 0.00060	mg/l	9358	3/27/04	13:02
1,1-Dichloroethene	< 0.00060	mg/l	9358	3/27/04	13:02
cis-1,2-Dichloroethene	< 0.00060	mg/l	9358	3/27/04	13:02
trans-1,2-Dichloroethene	< 0.00050	mg/l	9358	3/27/04	13:02
1,2-Dichloropropane	< 0.00040	mg/l	9358	3/27/04	13:02
1,3-Dichloropropane	< 0.00040	mg/l	9358	3/27/04	13:02
2,2-Dichloropropane	< 0.00040	mg/l	9358	3/27/04	13:02
1,1-Dichloropropene	< 0.00050	mg/l	9358	3/27/04	13:02

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
cis-1,3-Dichloropropene	< 0.00030	mg/l	9358	3/27/04	13:02
trans-1,3-Dichloropropene	< 0.00050	mg/l	9358	3/27/04	13:02
Ethylbenzene	< 0.0003	mg/l	9358	3/27/04	13:02
Hexachlorobutadiene	< 0.00080	mg/l	9358	3/27/04	13:02
2-Hexanone	< 0.00420	mg/l	9358	3/27/04	13:02
Isopropylbenzene	< 0.00040	mg/l	9358	3/27/04	13:02
p-Isopropyltoluene	< 0.00060	mg/l	9358	3/27/04	13:02
4-Methyl-2-pentanone	< 0.00490	mg/l	9358	3/27/04	13:02
Methylene chloride	< 0.00240	mg/l	9358	3/27/04	13:02
Naphthalene	0.00270	mg/l	9358	3/27/04	13:02
n-Propylbenzene	< 0.00030	mg/l	9358	3/27/04	13:02
Styrene	< 0.00040	mg/l	9358	3/27/04	13:02
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	9358	3/27/04	13:02
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	9358	3/27/04	13:02
Tetrachloroethene	< 0.00040	mg/l	9358	3/27/04	13:02
Toluene	< 0.0006	mg/l	9358	3/27/04	13:02
1,2,3-Trichlorobenzene	< 0.00100	mg/l	9358	3/27/04	13:02
1,2,4-Trichlorobenzene	< 0.00060	mg/l	9358	3/27/04	13:02
1,1,1-Trichloroethane	< 0.00070	mg/l	9358	3/27/04	13:02
1,1,2-Trichloroethane	< 0.00040	mg/l	9358	3/27/04	13:02
Trichloroethene	< 0.00040	mg/l	9358	3/27/04	13:02
1,2,3-Trichloropropane	< 0.00060	mg/l	9358	3/27/04	13:02
1,2,4-Trimethylbenzene	< 0.0003	mg/l	9358	3/27/04	13:02
1,3,5-Trimethylbenzene	< 0.00100	mg/l	9358	3/27/04	13:02
Vinyl chloride	< 0.00050	mg/l	9358	3/27/04	13:02
Xylenes (Total)	< 0.0009	mg/l	9358	3/27/04	13:02
Xylenes (Total)	< 0.0009	mg/l	9361	3/29/04	11:52
Bromodichloromethane	< 0.00030	mg/l	9358	3/27/04	13:02
Trichlorofluoromethane	< 0.00040	mg/l	9358	3/27/04	13:02

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VOA Surr 1,2-DCA-d4	88.	% Rec	9358	3/27/04	13:02
VOA Surr 1,2-DCA-d4	87.	% Rec	9361	3/29/04	11:52
VOA Surr Toluene-d8	95.	% Rec	9358	3/27/04	13:02
VOA Surr Toluene-d8	94.	% Rec	9361	3/29/04	11:52
VOA Surr, 4-BFB	97.	% Rec	9358	3/27/04	13:02
VOA Surr, 4-BFB	100.	% Rec	9361	3/29/04	11:52
VOA Surr, DBFM	93.	% Rec	9358	3/27/04	13:02
VOA Surr, DBFM	92.	% Rec	9361	3/29/04	11:52
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00110	mg/l	7717	3/29/04	13:36
Acenaphthylene	< 0.0011	mg/l	7717	3/29/04	13:36
Anthracene	< 0.00110	mg/l	7717	3/29/04	13:36
Benzoic Acid	< 0.00290	mg/l	7717	3/29/04	13:36
Benzo(a)anthracene	< 0.00120	mg/l	7717	3/29/04	13:36
Benzo(a)pyrene	< 0.00120	mg/l	7717	3/29/04	13:36
Benzo(b)fluoranthene	< 0.00100	mg/l	7717	3/29/04	13:36
Benzo(g,h,i)perylene	< 0.00120	mg/l	7717	3/29/04	13:36
Benzo(k)fluoranthene	< 0.00050	mg/l	7717	3/29/04	13:36
4-Bromophenyl-phenylether	< 0.00060	mg/l	7717	3/29/04	13:36
Butylbenzylphthalate	< 0.00060	mg/l	7717	3/29/04	13:36
Carbazole	< 0.00120	mg/l	7717	3/29/04	13:36
4-Chloro-3-methylphenol	< 0.00110	mg/l	7717	3/29/04	13:36
4-Chloroaniline	< 0.00120	mg/l	7717	3/29/04	13:36
Bis(2-chloroethoxy)methane	< 0.00110	mg/l	7717	3/29/04	13:36
Bis(2-chloroethyl)ether	< 0.00050	mg/l	7717	3/29/04	13:36
Bis(2-chloroisopropyl)ether	< 0.00050	mg/l	7717	3/29/04	13:36
2-Chloronaphthalene	< 0.00110	mg/l	7717	3/29/04	13:36
2-Chlorophenol	< 0.00050	mg/l	7717	3/29/04	13:36
4-Chlorophenyl-phenylether	< 0.00120	mg/l	7717	3/29/04	13:36
Chrysene	< 0.00060	mg/l	7717	3/29/04	13:36
Dibenzofuran	< 0.00120	mg/l	7717	3/29/04	13:36
Dibenz(a,h)anthracene	< 0.00060	mg/l	7717	3/29/04	13:36
1,2-Dichlorobenzene	< 0.00050	mg/l	7717	3/29/04	13:36
1,3-Dichlorobenzene	< 0.00060	mg/l	7717	3/29/04	13:36
1,4-Dichlorobenzene	< 0.00060	mg/l	7717	3/29/04	13:36
3,3'-Dichlorobenzidine	< 0.00170	mg/l	7717	3/29/04	13:36

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
2,4-Dichlorophenol	< 0.00120	mg/l	7717	3/29/04	13:36
Diethylphthalate	< 0.00130	mg/l	7717	3/29/04	13:36
2,4-Dimethylphenol	< 0.00100	mg/l	7717	3/29/04	13:36
Dimethylphthalate	< 0.00120	mg/l	7717	3/29/04	13:36
Di-n-Butylphthalate	< 0.00130	mg/l	7717	3/29/04	13:36
4,6-Dinitro-2-methylphenol	< 0.00300	mg/l	7717	3/29/04	13:36
2,4-Dinitrophenol	< 0.00060	mg/l	7717	3/29/04	13:36
2,4-dinitrotoluene	< 0.00120	mg/l	7717	3/29/04	13:36
2,6-Dinitrotoluene	< 0.0100	mg/l	7717	3/29/04	13:36
Di-n-octylphthalate	< 0.00140	mg/l	7717	3/29/04	13:36
Fluoranthene	< 0.00130	mg/l	7717	3/29/04	13:36
Fluorene	< 0.00100	mg/l	7717	3/29/04	13:36
Hexachlorobenzene	< 0.00050	mg/l	7717	3/29/04	13:36
Hexachlorobutadiene	< 0.00050	mg/l	7717	3/29/04	13:36
Hexachlorocyclopentadiene	< 0.00060	mg/l	7717	3/29/04	13:36
Hexachloroethane	< 0.00060	mg/l	7717	3/29/04	13:36
Indeno(1,2,3-cd)pyrene	< 0.00110	mg/l	7717	3/29/04	13:36
Isophorone	< 0.00110	mg/l	7717	3/29/04	13:36
2-Methylnaphthalene	< 0.00130	mg/l	7717	3/29/04	13:36
2-Methylphenol	< 0.00110	mg/l	7717	3/29/04	13:36
3 and 4-Methylphenol	< 0.00120	mg/l	7717	3/29/04	13:36
Naphthalene	< 0.00160	mg/l	7717	3/29/04	13:36
2-Nitroaniline	< 0.00040	mg/l	7717	3/29/04	13:36
3-Nitroaniline	< 0.00120	mg/l	7717	3/29/04	13:36
4-Nitroaniline	< 0.00080	mg/l	7717	3/29/04	13:36
Nitrobenzene	< 0.00100	mg/l	7717	3/29/04	13:36
2-Nitrophenol	< 0.00050	mg/l	7717	3/29/04	13:36
4-Nitrophenol	< 0.00070	mg/l	7717	3/29/04	13:36
N-Nitroso-Di-n-Propylamine	< 0.00050	mg/l	7717	3/29/04	13:36
N-Nitrosodiphenylamine	< 0.00120	mg/l	7717	3/29/04	13:36
Pentachlorophenol	< 0.00640	mg/l	7717	3/29/04	13:36

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Phenanthrene	< 0.00050	mg/l	7717	3/29/04	13:36
Phenol	< 0.00190	mg/l	7717	3/29/04	13:36
Pyrene	< 0.00060	mg/l	7717	3/29/04	13:36
Bis(2-ethylhexyl)phthalate	< 0.00140	mg/l	7717	3/29/04	13:36
1,2,4-Trichlorobenzene	< 0.00100	mg/l	7717	3/29/04	13:36
2,4,5-Trichlorophenol	< 0.00110	mg/l	7717	3/29/04	13:36
2,4,6-Trichlorophenol	< 0.00100	mg/l	7717	3/29/04	13:36
Benzyl alcohol	< 0.0019	mg/l	7717	3/29/04	13:36
BNA Surr-Nitrobenzene-d5	79.	% Rec	7717	3/29/04	13:36
BNA Surr-2-Fluorobiphenyl	80.	% Rec	7717	3/29/04	13:36
BNA Surr-Terphenyl-d14	139.	% Rec	7717	3/29/04	13:36
BNA Surr-Phenol-d5	31.	% Rec	7717	3/29/04	13:36
BNA Surr-2-Fluorophenol	45.	% Rec	7717	3/29/04	13:36
BNA Surr-2,4,6-Tribromophenol	91.	% Rec	7717	3/29/04	13:36
METALS					
Aluminum	< 0.0130	mg/l	6370	3/30/04	8:49
Antimony	< 0.0042	mg/l	6370	3/30/04	8:49
Arsenic	< 0.0042	mg/l	6370	3/30/04	8:49
Barium	< 0.0002	mg/l	6370	3/30/04	8:49
Beryllium	< 0.0005	mg/l	6370	3/30/04	8:49
Cadmium	< 0.0005	mg/l	6370	3/30/04	8:49
Calcium	< 0.0098	mg/l	6370	3/30/04	8:49
Chromium	< 0.0013	mg/l	6370	3/30/04	8:49
Cobalt	< 0.0016	mg/l	6370	3/30/04	8:49
Copper	< 0.0016	mg/l	6370	3/30/04	8:49
Iron	< 0.0150	mg/l	6370	3/30/04	8:49
Lead	< 0.0029	mg/l	6370	3/30/04	8:49
Magnesium	< 0.0180	mg/l	6370	3/30/04	8:49
Manganese	< 0.0005	mg/l	6370	3/30/04	8:49
Mercury	< 0.00015	mg/l	6373	3/30/04	8:23
Nickel	< 0.0032	mg/l	6370	3/30/04	8:49

Project QC continued . . .

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Potassium	< 0.120	mg/l	6370	3/30/04	8:49
Selenium	< 0.0036	mg/l	6370	3/30/04	8:49
Silver	< 0.0007	mg/l	6370	3/30/04	8:49
Sodium	< 0.176	mg/l	6370	3/30/04	8:49
Thallium	< 0.0019	mg/l	6370	3/30/04	8:49
Vanadium	< 0.0014	mg/l	6370	3/30/04	8:49
Zinc	< 0.0013	mg/l	6370	3/30/04	8:49
MISC PARAMETERS					
Nitrate/Nitrite-N as N	< 0.100	mg/l	3775	3/25/04	18:16
Sulfate	< 1.00	mg/l	3243	3/26/04	16:16
Methane	< 0.026	mg/L	3235	3/30/04	9:55

End of Report for Project 369016